



## Daniel Gaspar Von Schiller Calle

Generated from: Universitat de Barcelona

Date of document: 28/11/2022

**v 1.4.0**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

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I am ecosystem ecologist. My research has focused on understanding the effects of global environmental change on the ecology and biogeochemistry of fluvial ecosystems. With this purpose, I have used multidisciplinary approaches, including different spatiotemporal scales of observation/experimentation and novel techniques. My investigations have contributed to: (i) Comprehend the ecology and biogeochemistry of intermittent rivers, (ii) Understand the impact of human activities on in-stream nutrient and carbon processing and its implications for global budgets, and (iii) Develop and implement novel techniques for measuring stream ecosystem functioning.

In 2002, I obtained a BSc in Biology at the Complutense University of Madrid, where I enjoyed a final year Collaboration Scholarship from the Spanish Government to work on fluvial pollution. Then, I performed an 8-month research stay to investigate the effects of urban pollution on stream communities at the University of Rome 'Tor Vergata', funded by a Socrates-Erasmus Fellowship.

In 2003, I enrolled in a PhD at the Centre for Advanced Studies of Blanes (CEAB-CSIC) and the University of Barcelona (UB), funded by an I3P-CSIC Predoctoral Fellowship. In 2008, I obtained my PhD on nutrient spiraling in Mediterranean streams, which was awarded with the PhD Extraordinary Award from UB and the Honorable Mention Award from the Iberian Association of Limnology. During my PhD, I performed short-term research stays in USA, Puerto Rico and Austria.

From 2008 to 2011, I was a postdoctoral research fellow at the Leibniz-Institute of Freshwater Ecology and Inland Fisheries, funded by a DAAD-'laCaixa' Fellowship. During this time, I investigated the ecology and biogeochemistry of intermittent streams. From 2011 to 2014, I was a research fellow at the Catalan Institute for Water Research, funded by a Juan de la Cierva fellowship from the Spanish Government. My work during this period focused on carbon cycling in intermittent streams. From 2015 to 2019, I was a postdoctoral research associate at the University of the Basque Country, funded by the European project 'Managing the effects of multiple stressors on aquatic ecosystems under water scarcity (GLOBAQUA)'.

In 2019, I obtained a position as Assistant Professor at UB, funded by the Serra Húnter Program of the Catalan Government. Since then, my research has focused on carbon cycling and restoration. My teaching duties include coordination and participation in several courses at



BSc and MSc level. To improve my teaching skills, I successfully completed a master's degree in university teaching from UB in 2021 and I am member of GIDEC teaching innovation group.

During my career, I have participated in over 20 national and international projects. Currently, I am co-PI of the project 'Alteration of carbon sinks and sources in shrinking inland waters (Alter-C)', funded by the Spanish Government. In addition, I am PI of the Spanish research team of the project 'Quantifying restoration success across biomes by linking biodiversity, multifunctionality and hydromorphological heterogeneity (RESTOLINK)', recommended for funding by the Joint Call Biodiversa & Water JPI 2020-2021 and foreseen to start in April 2022. Moreover, I am Core Team member of the International crowdfunded networks DRYFLUX and 'The 1000 Intermittent Rivers Project' and member of the research group FORESTREAM, funded by the Catalan Government.

I have published over 100 publications, of which 87 are articles in SCI journals. My current WoS/GoogleScholar h index is 34/39 with a total of 3003/4293 citations. In addition, I have contributed to over 200 presentations at conferences and workshops, including 2 plenaries, 3 invited talks with paid registration and travel, and 11 invited seminars.

I have co-supervised 5 PhD theses, of which two are completed and three are on-going. My first former PhD student (Miquel Ribot) currently holds a permanent research assistant position at CEAB-CSIC. My second former PhD student (Lluís Gómez-Gener) is currently a 'laCaixa' postdoctoral fellow at CREAM. In addition, I have supervised or co-supervised 7 MSc theses (6 completed) and 2 BSc theses (all completed).

I was member of the Editorial Board of the journals Aquatic Sciences (2019-2022), PeerJ (2017-2021), and Frontiers in Environmental Science (2015-2019). Since 2021, I am Co-Editor in Chief of the journal Limnetica. In addition, I have been reviewer for DAAD and 'laCaixa' fellowship programs and several national science foundations (e.g., Spain, Germany, Hong Kong).

My work has been accredited by various quality assurance agencies. I received the I3 Research Certification from the Spanish Government as well as the Accreditation for Tenure-track Lecturer and Associate Professor from the Spanish, Catalan, and Basque University Quality Assurance Agencies.



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

JCR ARTICLES: 87 (>80% in Q1 journals)

BOOK CHAPTERS: 8

OTHER PUBLICATIONS: 9

SUM OF TIMES CITED: 3003/4393 (WoS/Google Scholar)

SUPERVISED PhD THESES: 5 (2 completed, 3 on-going)

CONTRIBUTIONS TO CONFERENCES & WORKSHOPS: >200 (26 as 1st author, 2 plenaries, 3 invited with paid registration & travel)

INVITED SEMINARS: 11

More information: [www.danielvonschiller.weebly.com](http://www.danielvonschiller.weebly.com)

**Daniel Gaspar Von Schiller Calle**

Surname(s): **Von Schiller Calle**  
 Name: **Daniel Gaspar**  
 DNI: **52996181H**  
 ORCID: **0000-0002-9493-3244**  
 ResearcherID: **C-1384-2009**  
 ScopusID: **16242925800**  
 Date of birth: **14/08/1978**  
 Gender: **Male**  
 Nationality: **Spain**  
 Country of birth: **Spain**  
 City of birth: **Segovia (SEGOVIA)**  
 Contact address: **Department of Evolutionary Biology, Ecology and Environmental Sciences Faculty of Biology University of Barcelona Av. Diagonal 643**  
 Postcode: **08028**  
 Contact country: **Spain**  
 Contact city: **Barcelona**  
 Land line phone: **+34 4031375 - 31375**  
 Email: **d.vonschiller@ub.edu**  
 Personal web page: **http://danielvonschiller.weebly.com/**

**Current professional situation**

**Employing entity:** Universitat de Barcelona  
**Department:** Faculty of Biology, Department of Evolutionary Biology, Ecology and Environmental Sciences  
**Professional category:** Lecturer Professor  
**City employing entity:** Barcelona, Spain  
**Phone:** +34 4031375 - 31375      **Email:** d.vonschiller@ub.edu  
**Start date:** 12/09/2019  
**Type of contract:** Temporary employment      **Dedication regime:** Full time contract  
**Primary (UNESCO code):** 250808 - Limnology  
**Performed tasks:** Lecturer of the Program Serra Húnter. Teaching and research

**Previous positions and activities**

	<b>Employing entity</b>	<b>Professional category</b>	<b>Start date</b>
<b>1</b>	Universidad del País Vasco	Investigador posdoctoral	07/01/2015
<b>2</b>	Institut Català de Recerca de l'Aigua	Investigador posdoctoral	02/05/2014
<b>3</b>	Institut Català de Recerca de l'Aigua	Investigador posdoctoral 'Juan de la Cierva'	02/05/2011
<b>4</b>	Leibniz-Institute for Freshwater Ecology and Inland Fisheries	Investigador posdoctoral	01/08/2010

	Employing entity	Professional category	Start date
5	Leibniz-Institute for Freshwater Ecology and Inland Fisheries	Becario posdoctoral 'DAAD-laCaixa'	01/11/2008
6	Centre d'Estudis Avançats de Blanes (CEAB-CSIC)	Investigador predoctoral	14/07/2008
7	Centre d'Estudis Avançats de Blanes (CEAB-CSIC)	Becario predoctoral 'I3P-CSIC'	01/01/2004
8	Centre d'Estudis Avançats de Blanes (CEAB-CSIC)	Técnico de investigación	01/06/2003
9	University of Rome Tor Vergata	Becario predoctoral 'Socrates-Erasmus'	23/09/2002
10	Departamento de Ecología, Facultad de Ciencias Biológicas, Universidad Complutense de Madrid	Becario de colaboración MEC	01/01/2002

- 1** **Employing entity:** Universidad del País Vasco  
**Professional category:** Investigador posdoctoral  
**Start-End date:** 07/01/2015 - 31/08/2019      **Duration:** 4 years - 7 months - 25 days
- 2** **Employing entity:** Institut Català de Recerca de l'Aigua  
**Professional category:** Investigador posdoctoral  
**Start-End date:** 02/05/2014 - 31/12/2014      **Duration:** 7 months - 30 days
- 3** **Employing entity:** Institut Català de Recerca de l'Aigua  
**Professional category:** Investigador posdoctoral 'Juan de la Cierva'  
**Start-End date:** 02/05/2011 - 01/05/2014      **Duration:** 3 years
- 4** **Employing entity:** Leibniz-Institute for Freshwater Ecology and Inland Fisheries  
**Professional category:** Investigador posdoctoral  
**Start-End date:** 01/08/2010 - 28/02/2011      **Duration:** 7 months
- 5** **Employing entity:** Leibniz-Institute for Freshwater Ecology and Inland Fisheries  
**Professional category:** Becario posdoctoral 'DAAD-laCaixa'  
**Start-End date:** 01/11/2008 - 31/07/2010      **Duration:** 1 year - 9 months
- 6** **Employing entity:** Centre d'Estudis Avançats de Blanes (CEAB-CSIC)  
**Professional category:** Investigador predoctoral  
**Start-End date:** 14/07/2008 - 31/10/2008      **Duration:** 3 months - 18 days
- 7** **Employing entity:** Centre d'Estudis Avançats de Blanes (CEAB-CSIC)  
**Professional category:** Becario predoctoral 'I3P-CSIC'  
**Start-End date:** 01/01/2004 - 31/12/2007      **Duration:** 4 years
- 8** **Employing entity:** Centre d'Estudis Avançats de Blanes (CEAB-CSIC)  
**Professional category:** Técnico de investigación  
**Start-End date:** 01/06/2003 - 31/12/2003      **Duration:** 7 months
- 9** **Employing entity:** University of Rome Tor Vergata  
**Professional category:** Becario predoctoral 'Socrates-Erasmus'  
**Start-End date:** 23/09/2002 - 22/04/2003      **Duration:** 7 months



- 10** **Employing entity:** Departamento de Ecología, Facultad de Ciencias Biológicas, Universidad Complutense de Madrid  
**Professional category:** Becario de colaboración MEC  
**Start-End date:** 01/01/2002 - 31/07/2002      **Duration:** 7 months





## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Official Master  
**Name of qualification:** Màster en Docència Universitària per a Professorat Novell  
**Degree awarding entity:** Universitat de Barcelona  
**Date of qualification:** 2021
- 2 University degree:** Diploma / Degree / Activities  
**Name of qualification:** Licenciado en Biología (BSc in Biology)  
**City degree awarding entity:** Spain  
**Degree awarding entity:** Universidad Complutense de Madrid  
**Date of qualification:** 30/07/2002  
**Average mark:** Good

#### Doctorates

- 1 Doctorate programme:** Doctor en Biologia (PhD in Biology)  
**Degree awarding entity:** Universitat de Barcelona   **Type of entity:** University  
**City degree awarding entity:** Spain  
**Date of degree:** 26/11/2008
- 2 DEA awarding entity:** Universitat de Barcelona  
**Date DEA was awarded:** 2006  
**Thesis title:** Effects of nutrients and light on periphyton biomass and nitrogen uptake in Mediterranean streams with contrasting land uses  
**Thesis director:** Eugènia Martí, Joan Lluís Riera  
**Obtained qualification:** Capable

### Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Type of training:** Course  
**Training title:** "How to write impact of a Horizon 2020 proposal"  
**Awarding entity:** Universidad del País Vasco   **Type of entity:** University  
**End date:** 2018
- 2 Type of training:** Course  
**Training title:** "How to write a successful ERC grant proposal"  
**Awarding entity:** Universidad del País Vasco   **Type of entity:** University  
**End date:** 2017



## Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Spanish	C2	C2	C2	C2	C2
German	C2	C2	C2	C2	C2
English	C1	C1	C1	C1	C1
Catalan	C1	C1	C1	C1	C1
Italian	B1	B1	B1	A2	A2

## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Biogeoquímica Marina  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Ciències del Mar  
**Geographical area:** National  
**Course given:** Tercer curs  
**Start date:** 2021  
**End date:** 2022  
**Hours/ECTS credits:** 6  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Geologia  
**City of entity:** Barcelona, Catalonia, Spain

**Type of teaching:** Practical work (classroom-problems)

**End date:** 2022  
**Type of hours/ ECTS credits:** Credits
- 2** **Type of teaching:** Official teaching  
**Name of the course:** Biogeoquímica  
**Type of programme:** Master's degree  
**Type of subject:** Optional  
**University degree:** Ecologia, Gestió i Restauració del Medi Natural  
**Geographical area:** National  
**Start date:** 2021  
**End date:** 2022  
**Hours/ECTS credits:** 6  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**Type of teaching:** Theoric-practical

**End date:** 2022  
**Type of hours/ ECTS credits:** Credits
- 3** **Type of teaching:** Official teaching  
**Name of the course:** Ecologia Evolutiva  
**Type of programme:** Bachelor's degree  
**Type of subject:** Core  
**University degree:** Biologia  
**Start date:** 2020

**Type of teaching:** Practical work (classroom-problems)

**End date:** 2021



**End date:** 2021

**Entity:** Universitat de Barcelona

**Faculty, institute or centre:** Facultat de Biologia

**City of entity:** Barcelona, Catalonia, Spain

- 4** **Type of teaching:** Official teaching  
**Name of the course:** Biogeoquímica Marina  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Ciències del Mar  
**Geographical area:** National  
**Course given:** Tercer curs  
**Start date:** 2020  
**End date:** 2021  
**Hours/ECTS credits:** 6  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Geologia  
**City of entity:** Barcelona, Catalonia, Spain

**Type of teaching:** Practical work (classroom-problems)

**End date:** 2021

**Type of hours/ ECTS credits:** Credits

- 5** **Type of teaching:** Official teaching  
**Name of the course:** Biogeoquímica  
**Type of programme:** Master's degree  
**Type of subject:** Optional  
**University degree:** Ecologia, Gestió i Restauració del Medi Natural  
**Geographical area:** National  
**Start date:** 2020  
**End date:** 2021  
**Hours/ECTS credits:** 6  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**Type of teaching:** Theoric-practical

**End date:** 2021

**Type of hours/ ECTS credits:** Credits

- 6** **Type of teaching:** Official teaching  
**Name of the course:** Ecologia de Comunitats i Ecosistemes  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Biologia  
**Start date:** 2020  
**End date:** 2021  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**Type of teaching:** Practical work (classroom-problems)

**End date:** 2021

- 7** **Type of teaching:** Official teaching  
**Name of the course:** Gestió d'Espais Protegits  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Ciencias Ambientales  
**Start date:** 2020  
**End date:** 2021  
**Entity:** Universitat de Barcelona

**Type of teaching:** In person theory

**End date:** 2021

**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**8** **Type of teaching:** Official teaching  
**Name of the course:** Gestió i Restauració Fluvial  
**Type of programme:** Master's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Optional  
**University degree:** Máster en Ecología, gestión i restauració del medi natural  
**Start date:** 2020 **End date:** 2021  
**End date:** 2021  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**9** **Type of teaching:** Official teaching  
**Name of the course:** Ecologia d'Ecosistemes i Biogeoquímica  
**Type of programme:** Bachelor's degree **Type of teaching:** Theoric-practical  
**Type of subject:** Obligatory  
**University degree:** Ciencias Ambientales  
**Start date:** 2020 **End date:** 2021  
**End date:** 2021  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**10** **Type of teaching:** Official teaching  
**Name of the course:** Ecologia Evolutiva  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Core  
**University degree:** Biología  
**Start date:** 2019 **End date:** 2020  
**End date:** 2020  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biología  
**City of entity:** Barcelona, Catalonia, Spain

**11** **Type of teaching:** Official teaching  
**Name of the course:** Biogeoquímica Marina  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Obligatory  
**University degree:** Ciències del Mar  
**Geographical area:** National  
**Course given:** Tercer curs  
**Start date:** 2019 **End date:** 2020  
**End date:** 2020 **Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Geología  
**City of entity:** Barcelona, Catalonia, Spain



- 12** **Type of teaching:** Official teaching  
**Name of the course:** Biogeoquímica  
**Type of programme:** Master's degree **Type of teaching:** Theoric-practical  
**Type of subject:** Optional  
**University degree:** Ecologia, Gestió i Restauració del Medi Natural  
**Geographical area:** National  
**Start date:** 2019 **End date:** 2020  
**End date:** 2020 **Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain
- 13** **Type of teaching:** Official teaching  
**Name of the course:** Ecologia de Comunitats i Ecosistemes  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Obligatory  
**University degree:** Biologia  
**Start date:** 2019 **End date:** 2020  
**End date:** 2020  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain
- 14** **Type of teaching:** Official teaching  
**Name of the course:** Biologia de Poblacions  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Optional  
**University degree:** Biologia  
**Start date:** 2019 **End date:** 2020  
**End date:** 2020  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain
- 15** **Type of teaching:** Official teaching  
**Name of the course:** Gestió d'Espais Protegits  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Ciencias Ambientales  
**Start date:** 2019 **End date:** 2020  
**End date:** 2020  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain
- 16** **Type of teaching:** Official teaching  
**Name of the course:** Gestió i Restauració Fluvial  
**Type of programme:** Master's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Optional  
**University degree:** Máster en Ecologia, gestió i restauració del medi natural



**Start date:** 2019 **End date:** 2020  
**End date:** 2020  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Biologia  
**City of entity:** Barcelona, Catalonia, Spain

**17** **Type of teaching:** Official teaching  
**Name of the course:** Contaminación de ecosistemas acuáticos  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Biodiversidad, Funcionamiento y Gestión de Ecosistemas  
**Start date:** 2019 **End date:** 2019  
**End date:** 2019  
**Entity:** Universidad del País Vasco/Euskal Herriko Unibertsitatea  
**Faculty, institute or centre:** Unidad de Estudios de Posgrado y Formación Continua  
**City of entity:** Elexalde, Basque Country, Spain

**18** **Type of teaching:** Official teaching  
**Name of the course:** Ecología  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Core  
**University degree:** Biología  
**Start date:** 2019 **End date:** 2019  
**End date:** 2019  
**Entity:** Universidad del País Vasco/Euskal Herriko Unibertsitatea  
**Faculty, institute or centre:** Facultad de Ciencia y Tecnología  
**City of entity:** Bilbao, Basque Country, Spain

**19** **Type of teaching:** Official teaching  
**Name of the course:** Contaminación de ecosistemas acuáticos  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Biodiversidad, Funcionamiento y Gestión de Ecosistemas  
**Start date:** 2018 **End date:** 2018  
**End date:** 2018  
**Entity:** Universidad del País Vasco/Euskal Herriko Unibertsitatea  
**Faculty, institute or centre:** Unidad de Estudios de Posgrado y Formación Continua  
**City of entity:** Elexalde, Basque Country, Spain

**20** **Type of teaching:** Official teaching  
**Name of the course:** Contaminación de ecosistemas acuáticos  
**Type of programme:** Master's degree **Type of teaching:** Theoric-practical  
**Type of subject:** Optional  
**University degree:** Biodiversidad, Funcionamiento y Gestión de Ecosistemas  
**Start date:** 2018 **End date:** 2018  
**End date:** 2018  
**Entity:** Universidad del País Vasco/Euskal Herriko Unibertsitatea  
**Faculty, institute or centre:** Unidad de Estudios de Posgrado y Formación Continua  
**City of entity:** Elexalde, Basque Country, Spain



- 21** **Type of teaching:** Official teaching  
**Name of the course:** Contaminación de ecosistemas acuáticos  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Biodiversidad, Funcionamiento y Gestión de Ecosistemas  
**Start date:** 2017 **End date:** 2017  
**End date:** 2017  
**Entity:** Universidad del País Vasco/Euskal Herriko Unibertsitatea  
**Faculty, institute or centre:** Unidad de Estudios de Posgrado y Formación Continua  
**City of entity:** Elexalde, Basque Country, Spain
- 22** **Type of teaching:** Official teaching  
**Name of the course:** Contaminación de ecosistemas acuáticos  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Biodiversidad, Funcionamiento y Gestión de Ecosistemas  
**Start date:** 2016 **End date:** 2016  
**End date:** 2016  
**Entity:** Universidad del País Vasco/Euskal Herriko Unibertsitatea  
**Faculty, institute or centre:** Unidad de Estudios de Posgrado y Formación Continua  
**City of entity:** Elexalde, Basque Country, Spain
- 23** **Type of teaching:** Official teaching  
**Name of the course:** Métodos y técnicas de estudio en ríos y arroyos  
**Type of programme:** Carrera de especialización **Type of teaching:** Theoric-practical  
**Type of subject:** Postgrado de especialización  
**University degree:** Carrera de especialización en calidad ecológica y restauración de sistemas fluviales  
**Start date:** 2016 **End date:** 2016  
**End date:** 2016  
**Entity:** Universidad Nacional de Luján  
**City of entity:** Luján, Argentina

## Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Incorporating dry phases in the carbon balance of intermittent streams (to be defended in 2026)  
**Type of project:** Ph.D. Thesis  
**City of entity:** Spain  
**Student:** Alba Camacho-Santamans  
**Date of reading:** 2026
- 2** **Project title:** Ecological effects of the decommissioning of the Enobieta reservoir, Navarre (to be defended in 2022)  
**Type of project:** Ph.D. Thesis  
**Entity:** Universidad del País Vasco  
**City of entity:** Spain  
**Student:** Miren Atristain  
**Date of reading:** 2022





- 3** **Project title:** Effects of dam decommissioning on carbon cycling (to be defended in 2022)  
**Type of project:** Ph.D. Thesis  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** Amani Mabano  
**Date of reading:** 2022
- 4** **Project title:** Evaluación del papel de la vegetación en los flujos de CO<sub>2</sub> de los sedimentos secos de las aguas continentales  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** Alba Camacho Santamans  
**Obtained qualification:** Excellent  
**Date of reading:** 2021
- 5** **Project title:** Emisiones de gases de efecto invernadero asociadas a pequeños estanques urbanos de la ciudad de Barcelona  
**Type of project:** Master's Thesis  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** David López Fandos  
**Obtained qualification:** Notable  
**Date of reading:** 2021
- 6** **Project title:** Transporte del carbono orgánico río abajo como efecto del vaciado de un embalse  
**Type of project:** Degree work  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** Espasandín, L.  
**Obtained qualification:** Excellent  
**Date of reading:** 2020
- 7** **Project title:** Effect of a wastewater treatment plant effluent on stream food web structure: an ecosystem manipulation experiment  
**Type of project:** Master's Thesis  
**Entity:** Universidad del País Vasco  
**City of entity:** Spain  
**Student:** Buceta, Mikel  
**Obtained qualification:** Notable  
**Date of reading:** 2018
- 8** **Project title:** Effects of flow discontinuities on carbon gas fluxes in a Mediterranean fluvial network  
**Type of project:** Ph.D. Thesis  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** Gómez Gener, Lluís  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2017





- 9** **Project title:** Effects of experimental wood addition on hydraulics and nutrient dynamics in Leitzaran river  
**Type of project:** Master's Thesis  
**Entity:** Universidad del País Vasco  
**City of entity:** Spain  
**Student:** Atristain, Miren  
**Obtained qualification:** Excellent  
**Date of reading:** 2017
- 10** **Project title:** Effects of WWTP effluents on the detrital pathway: a semi-in situ experiment  
**Type of project:** Master's Thesis  
**Entity:** Universidad del País Vasco  
**City of entity:** Spain  
**Student:** de Guzmán, Ioar  
**Obtained qualification:** Excellent  
**Date of reading:** 2017
- 11** **Project title:** Reactivity of dry riverbed's to rewetting: a worldwide vision  
**Type of project:** Degree work  
**Entity:** Universidad del País Vasco  
**City of entity:** Spain  
**Student:** Etxeberria, Yosune  
**Obtained qualification:** With Honours  
**Date of reading:** 2017
- 12** **Project title:** Effects of human activities on nitrogen cycling in Mediterranean streams: contrasts between nitrate and ammonium dynamics  
**Type of project:** Ph.D. Thesis  
**Entity:** Universitat de Barcelona  
**City of entity:** Spain  
**Student:** Ribot, Miquel  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 2015
- 13** **Project title:** Efectos del cambio global sobre la biogeoquímica del nitrógeno en ríos mediterráneos y sus implicaciones a nivel de cuenca  
**Type of project:** Ph.D. Thesis  
**Entity:** Barcelona  
**City of entity:** Spain  
**Student:** von Schiller, Daniel  
**Obtained qualification:** Excellent Cum Laude and Extraordinary Award  
**Date of reading:** 2008



## Educational or pedagogical publications, books, articles, etc.

von Schiller D; Elozegi A. e-learning tool "Managing the effects of multiple stressors on aquatic ecosystems under water scarcity". (Italy): Open Training & Education Association Platform, 2019.

**Name of the materials:** Toolbox to measure river ecosystem functioning

**Date of drafting:** 2019

## Participation in innovative teaching projects

**Project title:** Grup d'Innovació Docent d'Ecologia i Canvi Global (GIDEC)

**City of entity:** Barcelona, Spain

**Type of participation:** Team member

**Time of working relationship:** For an undetermined time

**Name of the main researcher:** Jofre Carnicer Cols

**Number of participants:** 14

**Funding entity:** Universitat de Barcelona

**Type of entity:** University

**Participating entity/entities:**

Universitat de Barcelona

**Type of entity:** University

**Type of call:** Competitive

**Start-End date:** 09/10/2017 - 15/05/2022

**Duration:** 4 years - 7 months - 7 days

## Other activities/achievements not included above

- Description of the activity:** A1. Attendance to courses to improve university teaching: Student at 'Màster en Docència Universitària per a Professorat Novell' <https://www.ub.edu/idp/web/universitat/novells/>  
**End date:** 2019
- Description of the activity:** A6. Promotion of internationalization: formal education teaching in English or other languages: 'Ecology'. Course in the BSc in Biology,. 2-h Lecture on biogeochemical cycles + participation in virtual classroom (2019)  
**End date:** 2019
- Description of the activity:** Amani Mabano. Title: "Effects of dam decommissioning on reservoir carbon dynamics". PhD Fellowship from the Catalan Government. Co-advisor with Dr. B. Obrador  
**End date:** 2019
- Description of the activity:** Courses and Seminars - Directed: Training School 'Intermittent River Biogeochemistry', EU Cost Action SMIREs, Girona, Spain  
**End date:** 2017
- Description of the activity:** A7. Training of junior researchers: direction or co-direction of thesis in progress: Miren Atristain. Title: "Effects of emptying the Enobieta reservoir (Navarre) on the biodiversity and functioning of fluvial ecosystems". PhD Fellowship from the . Co-advisor with Dr. A. Elozegi  
**End date:** 2017
- Description of the activity:** Courses and Seminars - Taught: "Biogeochemistry in Intermittent Streams: Techniques and Concepts". Training School of the EU Cost Action SMIREs held in Girona, Spain. 10-h course, including lectures on nutrient dynamics and metabolism + lab



End date: 2017

## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** QUANTIFYING RESTORATION SUCCESS ACROSS BIOMES BY LINKING BIODIVERSITY, MULTIFUNCTIONALITY AND HYDROMORPHOLOGICAL HETEROGENEITY  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Spain  
**Name principal investigator (PI, Co-PI....):** Daniel von Schiller  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación (MICINN) **Type of entity:** State or Central Administration  
**City funding entity:** Madrid, Spain  
**Code according to the funding entity:** PCI2022-132930  
**Start-End date:** 01/04/2022 - 31/03/2025 **Duration:** 3 years  
**Participating entity/entities:** Universitat de Barcelona  
**Total amount:** 167.707,98 €
- 2** **Name of the project:** Alteración de los sumideros y fuentes de carbono en aguas continentales que se contraen: emisiones y procesos inorgánicos  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Spain  
**Name principal investigator (PI, Co-PI....):** Biel Obrador Sala; Daniel Gaspar Von Schiller Calle  
**Nº of researchers:** 2  
**Funding entity or bodies:** Ministerio de Ciencia, Innovación y Universidades **Type of entity:** State or Central Administration  
**City funding entity:** Spain  
**Code according to the funding entity:** PID2020-114024GB-C31  
**Start-End date:** 01/09/2021 - 31/08/2024 **Duration:** 3 years  
**Participating entity/entities:** Universitat de Barcelona  
**Total amount:** 175.450 €
- 3** **Name of the project:** Greenhouse gas emissions from dry freshwater systems (DRYFLUX).  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Spain  
**Name principal investigator (PI, Co-PI....):** Audrey Darnaude  
**Funding entity or bodies:** Helmholtz Centre for Environmental Research (UFZ) **Type of entity:** Other organisms  
**City funding entity:** Leipzig, Germany  
**Code according to the funding entity:** NA  
**Start-End date:** 01/01/2016 - 31/12/2022 **Duration:** 7 years



**Participating entity/entities:** Universitat de Barcelona

**4 Name of the project:** 1000 Intermittent Rivers Project (1000IRP)

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Audrey Darnaude

**Funding entity or bodies:**

National Research Institute for Agriculture, Food and Environment **Type of entity:** Other organisms

**City funding entity:** France

**Code according to the funding entity:** NA

**Start-End date:** 01/01/2015 - 31/12/2022 **Duration:** 8 years

**Participating entity/entities:** Universitat de Barcelona

**5 Name of the project:** Emisiones de dióxido de carbono en arroyos pampeanos permanentes y temporarios: cuantificación e influencia del metabolismo fluvial y del uso de suelo

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Claudia Feijoo; Daniel Gaspar Von Schiller Calle

**Funding entity or bodies:**

Consejo Nacional de Investigaciones Científicas y Técnicas 'CONICET' **Type of entity:** Internacional Administration

**City funding entity:** Buenos Aires, Argentina

**Code according to the funding entity:** CDD-CB 199-19

**Start-End date:** 01/01/2019 - 31/12/2021 **Duration:** 3 years

**Participating entity/entities:** Universidad Nacional de Luján

**6 Name of the project:** Grupo de ecología de ríos

**Entity where project took place:** Universidad del País Vasco / Euskal Herriko Unibertsitatea **Type of entity:** University

**City of entity:** 48940 Leioa, Spain

**Name principal investigator (PI, Co-PI....):** Jesús Pozo Martínez

**Nº of researchers:** 2

**Funding entity or bodies:**

Gobierno Vasco

**Type of entity:** Authonomous Administration

**City funding entity:** Spain

**Code according to the funding entity:** IT951-16

**Start-End date:** 01/01/2016 - 31/12/2021 **Duration:** 6 years

**Participating entity/entities:** Universidad del País Vasco / Euskal Herriko Unibertsitatea

**Total amount:** 610.000 €

**7 Name of the project:** FORESTREAM. Research Group on Forest and Stream Ecological Links: Waterhed Management and Restoration

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Francesc de Paula Sabater Comas

**Nº of researchers:** 34

**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR) **Type of entity:** Autonomous Administration

**City funding entity:** 08003 Barcelona, Spain

**Code according to the funding entity:** 2017SGR976

**Start-End date:** 01/01/2017 - 30/09/2021

**Duration:** 4 years - 9 months

**Participating entity/entities:** Universitat de Barcelona

**Total amount:** 20.000 €

- 8 Name of the project:** Effects of desiccation on the self-purification capacity of headwater streams: Consequences for the stream management (PURIFY)

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Daniel Gaspar Von Schiller Calle

**Nº of researchers:** 1

**Funding entity or bodies:**

Klima- und Energiefond, Austrian Federal Government

**Type of entity:** State or Central Administration

**City funding entity:** Austria

**Start-End date:** 13/09/2019 - 31/03/2021

**Duration:** 1 year - 6 months - 19 days

**Participating entity/entities:** Universitat de Barcelona

**Total amount:** 2.047,54 €

- 9 Name of the project:** Dinámica del carbono en lagos y embalses frente a una hidrología cambiante: implicaciones para el metabolismo del ecosistema, flujos de gases y sumideros sedimentarios

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Biel Obrador Sala

**Nº of researchers:** 1

**Funding entity or bodies:**

Ministerio de Economía y Competitividad

**Type of entity:** State or Central Administration

**City funding entity:** Spain

**Code according to the funding entity:** CGL2017-86788-C3-3-P

**Start-End date:** 01/01/2018 - 31/12/2020

**Duration:** 3 years

**Participating entity/entities:** Universitat de Barcelona

**Total amount:** 52.272 €

- 10 Name of the project:** Consecuencias multi-escala de la derivación de agua en ecosistemas fluviales

**Entity where project took place:** Universidad del País Vasco / Euskal Herriko Unibertsitatea **Type of entity:** University

**City of entity:** 48940 Leioa, Spain

**Name principal investigator (PI, Co-PI....):** Arturo Elosegi

**Nº of researchers:** 4

**Funding entity or bodies:**

Ministerio de Economía y Competitividad

**Type of entity:** State or Central Administration

**City funding entity:** Spain

**Code according to the funding entity:** CGL2016-77487-R

**Start-End date:** 30/12/2016 - 29/12/2020

**Duration:** 4 years



**Participating entity/entities:** Universidad del País Vasco / Euskal Herriko Unibertsitatea  
**Total amount:** 153.670 €

**11 Name of the project:** Science and Management of Intermittent Rivers and Ephemeral Streams (SMIRES)

**Entity where project took place:** Universitat de Barcelona  
**Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Thibault Datry

**Nº of researchers:** 4

**Funding entity or bodies:**

Unió Europea

**Type of entity:** European Union Administration

**City funding entity:** B-1048 Brussels, Belgium

**Code according to the funding entity:** CA15113

**Start-End date:** 11/03/2016 - 10/03/2020

**Duration:** 4 years

**Participating entity/entities:** sense especificar

**Total amount:** 600.000 €

**12 Name of the project:** Efecto del vaciado del embalse de Enobieta (Navarra) sobre la biodiversidad y el funcionamiento de los ecosistemas fluviales (DESEMBALSE)

**Entity where project took place:** Universidad del País Vasco / Euskal Herriko Unibertsitatea  
**Type of entity:** University

**City of entity:** 48940 Leioa, Spain

**Name principal investigator (PI, Co-PI....):** Arturo Elozegi

**Nº of researchers:** 3

**Funding entity or bodies:**

Fundación Banco Bilbao Vizcaya Argentaria (BBVA) **Type of entity:** Foundations

**City funding entity:** 48001 Bilbao, Spain

**Code according to the funding entity:** 0000

**Start-End date:** 30/10/2017 - 30/10/2019

**Duration:** 2 years - 1 day

**Participating entity/entities:** Universidad del País Vasco / Euskal Herriko Unibertsitatea

**Total amount:** 98.175 €

**13 Name of the project:** Effects of desiccation on the self-purification capacity of headwater streams: Consequences for the stream management (PURIFY)

**Entity where project took place:** Universitat de Barcelona  
**Type of entity:** University

**City of entity:** Barcelona, Spain

**Name principal investigator (PI, Co-PI....):** Daniel Gaspar Von Schiller Calle

**Nº of researchers:** 1

**Funding entity or bodies:**

Klima- und Energiefond, Austrian Federal Government

**Type of entity:** State or Central Administration

**City funding entity:** Austria

**Code according to the funding entity:** KR17AC0K13643

**Start-End date:** 01/04/2018 - 12/09/2019

**Duration:** 1 year - 5 months - 12 days

**Participating entity/entities:** Universidad del País Vasco / Euskal Herriko Unibertsitatea

**Total amount:** 8.542 €





- 14** **Name of the project:** Managing the effects of multiple stressors on aquatic ecosystems under water scarcity (GLOBAQUA)  
**Entity where project took place:** Universidad del País Vasco / Euskal Herriko Unibertsitatea **Type of entity:** University  
**City of entity:** 48940 Leioa, Spain  
**Name principal investigator (PI, Co-PI....):** Arturo Elosegi  
**Nº of researchers:** 2  
**Funding entity or bodies:** Unió Europea **Type of entity:** European Union Administration  
**City funding entity:** B-1048 Brussels, Belgium  
**Code according to the funding entity:** 603629  
**Start-End date:** 01/02/2014 - 31/01/2019 **Duration:** 5 years  
**Participating entity/entities:** Universidad del País Vasco / Euskal Herriko Unibertsitatea  
**Total amount:** 347.831 €
- 15** **Name of the project:** Wechselwirkungen zwischen Hydrodynamik und Biofilmeigenschaften und funktion in Fließgewässern  
**Entity where project took place:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA) **Type of entity:** Autonomous Administration  
**City of entity:** Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Andreas Lorke  
**Nº of researchers:** 7  
**Funding entity or bodies:** Deutsche Forschungsgemeinschaft (German Research Foundation) **Type of entity:** Foundations  
**City funding entity:** Germany  
**Code according to the funding entity:** 234419168  
**Start-End date:** 01/01/2013 - 31/12/2018 **Duration:** 6 years  
**Participating entity/entities:** University Klobenz-Landau
- 16** **Name of the project:** Resolviendo el dilema de la degradabilidad de la materia orgánica disuelta en los ecosistemas de agua dulce  
**Entity where project took place:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA) **Type of entity:** Autonomous Administration  
**City of entity:** Girona, Spain  
**Name principal investigator (PI, Co-PI....):** Rafael Marce Romero  
**Nº of researchers:** 7  
**Funding entity or bodies:** Ministerio de Economía y Competitividad **Type of entity:** State or Central Administration  
**City funding entity:** Spain  
**Code according to the funding entity:** CGL2014-61771-EXP  
**Start-End date:** 01/09/2015 - 31/08/2017 **Duration:** 2 years  
**Participating entity/entities:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA)  
**Total amount:** 60.000 €
- 17** **Name of the project:** El papel de las grandes presas y la mini-hidráulica como sumideros y fuentes de carbono y su relevancia en la huella de carbono de la producción hidroeléctrica.  
**Entity where project took place:** Departament d'Ecologia (UB) **Type of entity:** Other organisms  
**City of entity:** Unknown





**Name principal investigator (PI, Co-PI....):** Biel Obrador Sala; Maria Isabel Muñoz Gracia

**Nº of researchers:** 4

**Funding entity or bodies:**

FUNDACIO IBERDROLA

**Type of entity:** Foundations

**City funding entity:** Spain

**Start-End date:** 01/09/2015 - 31/08/2016

**Duration:** 1 year

**Participating entity/entities:** Universitat de Barcelona

**Total amount:** 20.000 €

**18 Name of the project:** TRANSPORTE Y PROCESADO DEL CARBONO EN LA RED FLUVIAL: RELEVANCIA DEL CAMBIO GLOBAL

**Entity where project took place:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA) **Type of entity:** Autonomous Administration

**City of entity:** Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Sabater Cortes

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación (MICINN)

**Type of entity:** State or Central Administration

**City funding entity:** Madrid, Spain

**Code according to the funding entity:** CGL2011-30474-C02-01

**Start-End date:** 01/01/2012 - 31/12/2014

**Duration:** 3 years

**Participating entity/entities:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA)

**Total amount:** 177.870 €

**19 Name of the project:** Assessing and predicting effects on water quantity and quality in Iberian rivers caused by global change (SCARCE)

**Entity where project took place:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA) **Type of entity:** Autonomous Administration

**City of entity:** Girona, Spain

**Name principal investigator (PI, Co-PI....):** Sergi Sabater Cortes

**Funding entity or bodies:**

Ministerio de Educación y Ciencia

**Type of entity:** State or Central Administration

**City funding entity:** Spain

**Code according to the funding entity:** CSD2009-00065

**Start-End date:** 17/12/2009 - 16/12/2014

**Duration:** 5 years

**Participating entity/entities:** Fundació Privada Institut Català de Recerca de l'Aigua (ICRA)

**Total amount:** 484.006 €

**20 Name of the project:** Multidisciplinary research consortium on gradual and abrupt climate changes and their impacts on the environment (GRACCIE)

**Entity where project took place:** Centre d'Estudis Avançats de Blanes. CSIC. **Type of entity:** State or Central Administration

**City of entity:** Spain

**Name principal investigator (PI, Co-PI....):** Joan Grimalt Obrador

**Funding entity or bodies:**

Ministerio de Educación y Ciencia

**Type of entity:** State or Central Administration

**City funding entity:** Spain

**Code according to the funding entity:** CSD2007-00067

**Start-End date:** 01/10/2007 - 30/09/2012

**Duration:** 5 years

**Participating entity/entities:** Centre d'Estudis Avançats de Blanes. CSIC.

**Total amount:** 5.413.000 €



- 21 Name of the project:** Mediterranean Intermittent River Management (MIRAGE)  
**Entity where project took place:** Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB) **Type of entity:** University  
**City of entity:** German Democratic Republic  
**Name principal investigator (PI, Co-PI....):** Jochen Froebich  
**N° of researchers:** 2  
**Funding entity or bodies:**  
Unió Europea **Type of entity:** European Union Administration  
**City funding entity:** B-1048 Brussels, Belgium  
**Code according to the funding entity:** 211732  
**Start-End date:** 01/01/2009 - 31/12/2011 **Duration:** 3 years  
**Participating entity/entities:** Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB)  
**Total amount:** 196.000 €
- 22 Name of the project:** Coupling biofilm diversity and ecosystem functioning: the role of communication and mixing in microbial landscapes (COMIX)  
**Entity where project took place:** Centre d'Estudis Avançats de Blanes. CSIC. **Type of entity:** State or Central Administration  
**City of entity:** Spain  
**Name principal investigator (PI, Co-PI....):** Tom Battin  
**Funding entity or bodies:**  
European Science Foundation **Type of entity:** Foundations  
**City funding entity:** Strasbourg, France  
**Code according to the funding entity:** NE/D522211/1  
**Start-End date:** 01/01/2006 - 31/12/2008 **Duration:** 3 years  
**Participating entity/entities:** Universität Wien  
**Total amount:** 71.000 €
- 23 Name of the project:** Influencia de la concentración de nitrógeno sobre la dinámica del nitrógeno en ríos. Contraste entre las fuentes y los procesos biogeoquímicos asociados al amonio y al nitrato (NICON)  
**Entity where project took place:** Centre d'Estudis Avançats de Blanes. CSIC. **Type of entity:** State or Central Administration  
**City of entity:** Spain  
**Name principal investigator (PI, Co-PI....):** Eugènia Martí  
**Funding entity or bodies:**  
Ministerio de Educación y Ciencia **Type of entity:** State or Central Administration  
**City funding entity:** Spain  
**Code according to the funding entity:** CGL2005-7362  
**Start-End date:** 01/01/2006 - 31/12/2008 **Duration:** 3 years  
**Participating entity/entities:** Centre d'Estudis Avançats de Blanes. CSIC.  
**Total amount:** 50.000 €

**R&D non-competitive contracts, agreements or projects with public or private entities****Name of the project:** Estudio de invertebrados previo al derribo de la presa de Enobieta en Artikutza**Degree of contribution:** Researcher**Entity where project took place:** Universidad del País Vasco / Euskal Herriko Unibertsitatea **Type of entity:** University**City of entity:** 48940 Leioa, Spain**Name principal investigator (PI, Co-PI...):** Aitor Larrañaga Arrizabalaga**N° of researchers:** 2**Participating entity/entities:** Universidad del País Vasco / Euskal Herriko Unibertsitatea**Funding entity or bodies:**

Gobierno Vasco

**Type of entity:** Autonomous Administration**City funding entity:** Spain

Universidad del País Vasco

Euskal Herriko Unibertsitatea

**Type of entity:** University**City funding entity:** 48940 Leioa, Spain**Code according to the funding entity:** OTRI 2018.0370**Start date:** 04/09/2018**Duration:** 2 months - 27 days**Total amount:** 6.700 €**Scientific and technological activities****Scientific production****Publications, scientific and technical documents**

- 1** de Guzman, I.; Altieri, P.; Elosegi, A.; Pérez-Calpe, A.V.; von Schiller, D.; González, J.M.; Brauns, M.; Montoya, J.M.; Larrañaga, A. Water diversion and pollution interactively shape freshwater food webs through bottom-up mechanisms. *Global Change Biology*. 28 - 3, pp. 859 - 876. (United Kingdom): John Wiley & Sons, 2022. ISSN 1354-1013

**DOI:** <https://doi.org/10.1111/gcb.16026>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 9

- 2** Davi Gasparini Fernandes Cunh; Wesley Aparecido Saltarelli; João Miguel Mercês Bega; Nicolás Reinaldo Finkler; Murilo de Souza Ferreira; Tatiana Heid Furley; Daniel von Schiller; Walter K. Dodds. Assessing restoration of ecosystem functioning in Brazilian subtropical and tropical streams. *Limnology and Oceanography Bulletin*. 2022. Available on-line at: <<https://doi.org/10.1002/lob.10480>>. ISSN 1539-6088

**DOI:** <https://doi.org/10.1002/lob.10480>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 7**Total no. authors:** 8



- 3** Ana Victoria Pérez-Calpe; Ioar de Guzman; Aitor Larrañaga; Daniel von Schiller; Arturo Elosegi. Organic matter processing on dry riverbeds is more reactive to water diversion and pollution than on wet channels. *Frontiers In Environmental Science*. 9 - 817665, (Switzerland): Frontiers Media, 2022. Available on-line at: <<https://doi.org/10.3389/fenvs.2021.817665>>. ISSN 2296-665X  
**DOI:** <https://doi.org/10.3389/fenvs.2021.817665>  
**Handle:** <http://hdl.handle.net/2445/183408>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 5
- 4** Mario Brauns; Daniel C Allen; Iola G Boëchat, Wyatt F Cross; Verónica Ferreira; Daniel Graeber; Christopher J Patrick; Marc Peipoch; Daniel von Schiller; Björn Gücker. A global synthesis of human impacts on the multifunctionality of streams and rivers. *Global Change Biology*. 28 - 16, pp. 1 - 11. (United Kingdom): John Wiley & Sons, 2022. Available on-line at: <<https://doi.org/10.1111/gcb.16210>>. ISSN 1354-1013  
**DOI:** <https://doi.org/10.1111/gcb.16210>  
**Handle:** <http://hdl.handle.net/2445/190203>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 9  
**Total no. authors:** 10
- 5** Miquel Ribot; Nancy B Grimm; Lindsey D Pollard; Daniel von Schiller; Amalia M Handler; Eugènia Martí. Consequences of an ecosystem state shift for nitrogen cycling in a desert stream. *Limnology and Oceanography*. 67 - 6, pp. 1274 - 1286. (United States of America): American Society of Limnology and Oceanography., 2022. Available on-line at: <<https://doi.org/10.1002/lno.12076>>. ISSN 0024-3590  
**DOI:** <https://doi.org/10.1002/lno.12076>  
**Handle:** <http://hdl.handle.net/2445/187082>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 6
- 6** Mabano Amani; Daniel von Schiller; Isabel Suárez; Miren Atristain; Arturo Elosegi; Rafael Marcé; Gonzalo García-Baquero; Biel Obrador. The drawdown phase of dam decommissioning is a hot moment of gaseous carbon emissions from a temperate reservoir. *Inland Waters*. pp. 1 - 12. (United Kingdom): Informa UK, 2022. Available on-line at: <<https://doi.org/10.1080/20442041.2022.2096977>>. ISSN 2044-2041  
**DOI:** <https://doi.org/10.1080/20442041.2022.2096977>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0
- 7** Miren Atristain; Daniel von Schiller; Aitor Larrañaga; Arturo Elosegi. Short-term effects of a large dam decommissioning on biofilm structure and functioning. *Restoration Ecology*. pp. 1 - 15. (United States of America): Wiley, 2022. Available on-line at: <<https://doi.org/10.1111/rec.13779>>. ISSN 1061-2971  
**DOI:** <https://doi.org/10.1111/rec.13779>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 4
- 8** Enrico Bertuzzo; Erin R. Hotchkiss; Alba Argerich; John S. Kominoski; Diana Oviedo-Vargas; Philip Savoy; Rachel Scarlett; Daniel von Schiller; James B. Heffernan. Respiration regimes in rivers: Partitioning source-specific respiration from metabolism time series. *Limnology and Oceanography*. pp. 1 - 15. (United States of America): American Society of Limnology and Oceanography., 2022. Available on-line at: <<https://doi.org/10.1002/lno.12207>>. ISSN 0024-3590  
**DOI:** <https://doi.org/10.1002/lno.12207>  
**Type of production:** Scientific paper **Format:** Journal



**Position of signature:** 8

**Total no. authors:** 9

- 9** Catalan N; Pastor A; Borrego CM; Casas-Ruiz JP; Hawkes J; Gutiérrez C; von Schiller D; Marcé R. The relevance of environment versus composition on dissolved organic matter degradation in freshwaters. *Limnology and Oceanography*. (United States of America): American Society of Limnology and Oceanography., 2021. Available on-line at: <<https://aslopubs.onlinelibrary.wiley.com/doi/full/10.1002/lno.11606>>. ISSN 0024-3590

**DOI:** <https://doi.org/10.1002/lno.11606>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Category:** LIMNOLOGY

**Impact index in year of publication:** 5.019

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 21

**Impact source:** ISI

**Category:** OCEANOGRAPHY

**Impact index in year of publication:** 5.019

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 66

- 10** Pereda, Olatz; von Schiller, Daniel; Garcia-Baquero, Gonzalo; Mor, Jordi-Rene; Acuna, Vicenc; Sabater, Sergi; Elosegi, Arturo. Combined effects of urban pollution and hydrological stress on ecosystem functions of Mediterranean streams. *Science of the Total Environment*. 753, (Holland): Elsevier B.V., 2021. ISSN 0048-9697

**DOI:** <https://doi.org/10.1016/j.scitotenv.2020.141971>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 7

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 10.753

**Journal in the top 25%:** Yes

**Position of publication:** 26

**No. of journals in the cat.:** 279

- 11** Pérez-Calpe, A.V.; Larrañaga, A.; von Schiller, D.; Elosegi, A. Interactive effects of discharge reduction and fine sediments on stream biofilm metabolism. *PLoS One*. 16 - 2, (United States of America): Public Library of Science (PLoS), 2021. Available on-line at: <<https://doi.org/10.1371/journal.pone.0246719>>. ISSN 1932-6203

**DOI:** <https://doi.org/10.1371/journal.pone.0246719>

**Handle:** <http://hdl.handle.net/2445/176663>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 4

**Impact source:** ISI

**Category:** MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 3.752

**Journal in the top 25%:** No

**Position of publication:** 29

**No. of journals in the cat.:** 73

- 12** Gómez-Gener, L.; Siebers, A.R.; Arce, M.I.; Arnon, S.; Bernal, S.; Bolpagni, R.; Datry, T.; Gionchetta, G.; Grossart, H.P.; Mendoza-Lera, M.; Pohl, V.; Risse Buhl, U.; Shumilova, O.; Tzoraki, O.; von Schiller, D.; Weigand, A.; Weigelhofer, G.; Zak, D.; Zoppini, A. Towards an improved understanding of biogeochemical processes across surface-groundwater interactions in intermittent rivers and ephemeral streams. *Earth-Science Reviews*. 220 - 103724, (Holland): Elsevier B.V., 2021. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0012825221002257>>. ISSN 0012-8252

**DOI:** <https://doi.org/10.1016/j.earscirev.2021.103724>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 15



**Total no. authors:** 19

**Impact source:** ISI

**Impact index in year of publication:** 12.038

**Position of publication:** 4

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 201

- 13** Arce, M. I.; Bengtsson, M. M.; von Schiller, D.; Zak, D.; Täumer, J.; Urich, T.; Singer, G. Desiccation time and rainfall control gaseous carbon fluxes in an intermittent stream. *Biogeochemistry*. 155, pp. 381 - 400. (Holland): Springer Verlag, 2021. Available on-line at: <<https://doi.org/10.1007/s10533-021-00831-6>>. ISSN 0168-2563  
**DOI:** <https://doi.org/10.1007/s10533-021-00831-6>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 7

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 4.812

**Journal in the top 25%:** No

**Position of publication:** 94

**No. of journals in the cat.:** 279

**Impact source:** ISI

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Impact index in year of publication:** 4.812

**Journal in the top 25%:** Yes

**Position of publication:** 39

**No. of journals in the cat.:** 201

- 14** Anlanger, C.; Risse-Buhl, U.; von Schiller, D.; Noss, C.; Weitere, M.; Lorke, A. Hydraulic and biological controls of biofilm nitrogen uptake in gravel-bed streams. *Limnology and Oceanography*. 66 - 11, pp. 3887 - 3900. (United States of America): American Society of Limnology and Oceanography., 2021. Available on-line at: <<https://doi.org/10.1002/lno.11927>>. ISSN 0024-3590  
**DOI:** <https://doi.org/10.1002/lno.11927>

**Handle:** <http://hdl.handle.net/2445/183671>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 6

**Impact source:** ISI

**Category:** LIMNOLOGY

**Impact index in year of publication:** 5.019

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 21

**Impact source:** ISI

**Category:** OCEANOGRAPHY

**Impact index in year of publication:** 5.019

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 66

- 15** José R. Paranaíba; Ralf Aben; Nathan Barros; Gabrielle Quadra; Annika Linkhorst; André M. Amado; Soren Brothers; Núria Catalán; Jason Condon; Colin M. Finlayson; Hans-Peter Grossart; Julia Howitt; Ernandes S. Oliveira Junior; Philipp S. Keller; Matthias Koschorreck; Alo Laas; Catherine Leigh; Rafael Marcé; Raquel Mendonça; Claumir C. Muniz; Biel Obrador; Gabriela Onandia; Diego Raymundo; Florian Reverey; Fábio Roland; Eva-Ingrid Rõõm; Sebastian Sobek; Daniel von Schiller; Haijun Wang; Sarian Kosten. Cross-continental importance of CH<sub>4</sub> emissions from dry inland-waters. *Science of the Total Environment*. (Holland): Elsevier B.V., 2021. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2021.151925>>. ISSN 0048-9697  
**DOI:** <https://doi.org/10.1016/j.scitotenv.2021.151925>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 28

**Total no. authors:** 30

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 10.753

**Journal in the top 25%:** Yes

**Position of publication:** 26

**No. of journals in the cat.:** 279

- 16** Bonada, N.; Cañedo-Argüelles, M.; Gallart, F.; von Schiller, D.; Fortuño, P.; Latron, J.; Llorens, P.; Múrria, C.; Soria, M.; Vinyoles, D.; Cid, N. Conservation and management of isolated pools in temporary rivers. *Water*. 12 - 10, (Switzerland): MDPI, 2020. Available on-line at: <<https://doi.org/10.3390/w12102870>>. ISSN 2073-4441  
**DOI:** <https://doi.org/10.3390/w12102870>  
**Handle:** <http://hdl.handle.net/2445/172725>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.103 **Journal in the top 25%:** No  
**Position of publication:** 134 **No. of journals in the cat.:** 274  
  
**Impact source:** ISI **Category:** WATER RESOURCES  
**Impact index in year of publication:** 3.103 **Journal in the top 25%:** No  
**Position of publication:** 39 **No. of journals in the cat.:** 98
- 17** Casas-Ruiz, Joan P.; Spencer, Robert G. M.; Guillemette, Francois; von Schiller, Daniel; Obrador, Biel; Podgorski, David C.; Kellerman, Anne M.; Hartmann, Jens; Gomez-Gener, Lluís; Sabater, Sergi; Marce, Rafael. Delineating the Continuum of Dissolved Organic Matter in Temperate River Networks. *Global Biogeochemical Cycles*. 34 - 8, (United States of America): 2020. ISSN 0886-6236  
**DOI:** <https://doi.org/10.1029/2019GB006495>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 5.703 **Journal in the top 25%:** Yes  
**Position of publication:** 51 **No. of journals in the cat.:** 274  
  
**Impact source:** ISI **Category:** METEOROLOGY & ATMOSPHERIC SCIENCES  
**Impact index in year of publication:** 5.703 **Journal in the top 25%:** Yes  
**Position of publication:** 14 **No. of journals in the cat.:** 94  
  
**Impact source:** ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY  
**Impact index in year of publication:** 5.703 **Journal in the top 25%:** Yes  
**Position of publication:** 19 **No. of journals in the cat.:** 199
- 18** Keller, P.S.; Catalán, N.; von Schiller, D.; Grossart, H.P.; Koschorreck, M.; Obrador, B.; Frassl, M.A.; Karakaya, N.; Barros, N.; Howitt, J.A.; Mendoza-Lera, C.; Pastor, A.; Flaim, G.; Aben, R.; Riis, T.; Arce, M.I.; Onandia, G.; Paranaíba, J.R.; Linkhorst, A.; del Campo, R.; Amado, A.M.; Cauvy-Fraunié, S.; Brothers, S.; Condon, J.; Mendonça, R.F.; Reverey, F.; Rõõm, E.I.; Datry, T.; Roland, F.; Laas, A.; Obertegger, U.; Park, J.H.; Wang, H.; Kosten, S.; Gómez, R.; Feijoó, C.; Elosegi, A.; Sánchez-Montoya, M.M.; Finlayson, C.M.; Melita, M.; Oliveira Junior, E.S.; Muniz, C.C.; Gómez-Gener, L.; Leigh, C.; Zhang, Q.; Marcé, R. Global CO<sub>2</sub> emissions from dry inland waters share common drivers across ecosystems. *Nature Communications*. 11, pp. 2126. (United Kingdom): Nature Publishing Group, 2020. Available on-line at: <<https://www.nature.com/articles/s41467-020-15929-y>>. ISSN 2041-1723  
**DOI:** <https://doi.org/10.1038/s41467-020-15929-y>  
**Handle:** <http://hdl.handle.net/2445/173153>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 46





**Impact source:** ISI  
**Impact index in year of publication:** 14.919  
**Position of publication:** 4

**Category:** MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 73

- 19** Ferreira, V.; Elozegi, A.; Tiegs, S.D.; von Schiller, D.; Young, R. Organic matter decomposition and ecosystem metabolism as tools to assess the functional integrity of streams and rivers - a systematic review. *Water*. 12 - 12, pp. 3523. (Switzerland): MDPI, 2020. Available on-line at: <<https://www.mdpi.com/2073-4441/12/12/3523>>. ISSN 2073-4441

**DOI:** <https://doi.org/10.3390/w12123523>  
**Handle:** <http://hdl.handle.net/2445/173214>  
**Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 5

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 3.103  
**Position of publication:** 134

**Category:** ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 274

**Impact source:** ISI  
**Impact index in year of publication:** 3.103  
**Position of publication:** 39

**Category:** WATER RESOURCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 98

- 20** Risse-Buhl U; Anlanger C; Noss C; Lorke A; von Schiller D; Weitere M. Hydromorphologic structuring of in-stream nitrogen uptake across spatial scales. *Ecosystems*. (United States of America): Springer Verlag, 2020. Available on-line at: <<https://link.springer.com/article/10.1007/s10021-020-00576-7>>. ISSN 1432-9840

**DOI:** <https://doi.org/10.1007/s10021-020-00576-7>  
**Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 6

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 4.217  
**Position of publication:** 37

**Category:** ECOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 166

- 21** Sánchez-Montoya MM; Tockner K; von Schiller D; Miñano J; Catarineu C; Lencina JL; Gonzalez-Barberá G; Ruhí A. Dynamics of ground-dwelling arthropod metacommunities in intermittent streams: the role of dry riverbeds. *Biological Conservation*. 241 - 108328, (United Kingdom): Elsevier B.V., 2020. Available on-line at: <<https://doi.org/10.1016/j.biocon.2019.108328>>. ISSN 0006-3207

**DOI:** <https://doi.org/10.1016/j.biocon.2019.108328>  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 8

**Format:** Journal

**Impact source:** ISI  
**Impact index in year of publication:** 5.99  
**Position of publication:** 19

**Category:** ECOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 166

**Impact source:** ISI  
**Impact index in year of publication:** 5.99  
**Position of publication:** 46

**Category:** ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 274

**Impact source:** ISI  
**Impact index in year of publication:** 5.99  
**Position of publication:** 6

**Category:** BIODIVERSITY CONSERVATION  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 60



- 22** Pereda O; Solagaistua L; Atristain M; de Guzmán I; Larrañaga A; von Schiller D; Elozegi A. Impact of wastewater effluent pollution on stream functioning: a whole-ecosystem manipulation experiment. *Environmental Pollution*. 258 - 113719, (United Kingdom): Elsevier B.V., 2020. Available on-line at: <<https://doi.org/10.1016/j.envpol.2019.113719>>. ISSN 0269-7491  
**DOI:** <https://doi.org/10.1016/j.envpol.2019.113719>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 8.071 **Journal in the top 25%:** Yes  
**Position of publication:** 23 **No. of journals in the cat.:** 274
- 23** von-Schiller, D.; Datry, T.; Corti, R.; Foulquier, A.; Tockner, K.; Marcé, R.; García-Baquero, G.; Odriozola, I.; Obrador, B.; Elozegi, A.; Mendoza-Lera, C.; Gessner, M.O.; Stubbington, R.; Albariño, R.; Allen, D.C.; Altermatt, F.; Arce, M.I.; Arnon, S.; Banas, D.; Banegas-Medina, A.; Beller, E.; Blanchette, M.L.; Blanco-Libreros, J.F.; Blessing, J.; Boëchat, I.G.; Boersma, K.S.; Bogan, M.T.; Bonada, N.; Bond, N.R.; Brintrup, K.; Bruder, A.; Burrows, R.M.; Cancellario, T.; Carlson, S.M.; Cauvy-Fraunié, S.; Cid, N.; Danger, M.; de Freitas Terra, B.; Dehedin, A.; De Girolamo, A.M.; del Campo, R.; Díaz-Villanueva, V.; Duerdoth, C.P.; Dyer, F.; Faye, E.; Febria, C.; Figueroa, R.; Four, B.; Gafny, S.; Gómez, R.; Gómez-Gener, L.; Graça, M.A.S.; Guareschi, S.; Gücker, B.; Hoppeler, F.; Hwan, J.L.; Kubheka, S.; Laini, A.; Langhans, S.D.; Leigh, C.; Little, C.J.; Lorenz, S.; Marshall, J.; Martín, E.J.; McIntosh, A.; Meyer, E.I.; Miližica, M.; Mlambo, M.C.; Moleón, M.; Morais, M.; Negus, P.; Niyogi, D.; Papatheodoulou, A.; Pardo, I.; Pañil, P.; Pejić, V.; Piscart, C.; Poláček, M.; Rodríguez-Lozano, P.; Rolls, R.J.; Sánchez-Montoya, M.M.; Savić, A.; Shumilova, O.; Steward, A.; Taleb, A.; Uzan, A.; Vander Vorste, R.; Waltham, N.; Woelfle-Erskine, C.; Zak, D.; Zarfl, C.; Zoppini, A. Sediment respiration pulses in intermittent rivers and ephemeral streams. *Global Biogeochemical Cycles*. 33, pp. 1251 - 1263. (United States of America): 2019. Available on-line at: <<https://agupubs.onlinelibrary.wiley.com/doi/pdf/10.1029/2019GB006276>>. ISSN 0886-6236  
**DOI:** <https://doi.org/10.1029/2019GB006276>  
**Handle:** <http://hdl.handle.net/2445/176996>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 4.608 **Journal in the top 25%:** Yes  
**Position of publication:** 51 **No. of journals in the cat.:** 265  
**Impact source:** ISI **Category:** METEOROLOGY & ATMOSPHERIC SCIENCES  
**Impact index in year of publication:** 4.608 **Journal in the top 25%:** Yes  
**Position of publication:** 15 **No. of journals in the cat.:** 93  
**Impact source:** ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY  
**Impact index in year of publication:** 4.608 **Journal in the top 25%:** Yes  
**Position of publication:** 14 **No. of journals in the cat.:** 200
- 24** Smeti E; von Schiller D; Karaouzas I; Laschou S; Vardakas L; Sabater S; Tornés E; Monllor-Alcaraz LS; Guillem-Argiles N; Martinez E; Barceló D. López de Alda M; Kalogianni E; Elozegi A; Skoulikidis N. Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. *Science of the Total Environment*. 647, pp. 1179 - 1187. (Holland): Elsevier B.V., 2019. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2018.08.105>>. ISSN 0048-9697  
**DOI:** <https://doi.org/10.1016/j.scitotenv.2018.08.105>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2

**Total no. authors:** 15**Impact source:** ISI**Impact index in year of publication:** 6.551**Position of publication:** 22**Category:** ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 265

- 25** Shumilova, O.; Zak, D.; Datry, T.; Von Schiller, D.; Corti, R.; Foulquier, A.; Obrador, B.; Tockner, K.; Altermatt, F.; Arce, M.I.; Arnon, S.; Banas, D.; Banegas-Medina, A.; Beller, E.; Blanchette, M.L.; Blanco-Libreros, J.F.; Blessing, J.; Gonçalves Boëchat, I.; Boersma, K.; Bogan, M.T.; Bonada, N.; Bond, N.; Brintrup, K.; Bruder, A.; Burrows, R.; Cancellario, T.; Carlson, S.M.; Cauvy-Fraunié, S.; Cid, N.; Danger, M.; De Freitas Terra, B.; De Girolamo, A.M.; Del Campo, R.; Dyer, F.; Elosegi, A.; Faye, E.; Febria, C.; Figueroa, R.; Four, B.; Gessner, M.O.; Gnohossou, P.; Gómez Cerezo, R.; Gómez-Gener, L.; Graça, M.A.S.; Guareschi, S.; Gucker, B.; Hwan, J.L.; Kubheka, S.; Langhans, S.D.; Leigh, C.; Little, C.; Lorenz, S.; Marshall, J.; Mcintosh, A.; Mendoza-Lera, C.; Meyer, E.I.; Milisa, M.; Mlambo, M.C.; Moleón, M.; Negus, P.; Niyogi, D.; Papatheodoulou, A.; Pardo, I.; Paril, P.; Pesic, V.; Rodríguez-Lozano, P.; Rolls, R.J.; Sánchez-Montoya, M.M.; Savic, A.; Steward, A.; Stubbington, R.; Taleb, A.; Vander Vorste, R.; Waltham, N.; Zoppini, A.; Zarfl, C. Simulating rewetting events in intermittent rivers and ephemeral streams: global analysis of leached nutrients and organic matter. *Global Change Biology*. 25 - 5, pp. 1591 - 1611. (United Kingdom): John Wiley & Sons, 2019. ISSN 1354-1013

**DOI:** <https://doi.org/10.1111/gcb.14537>**Handle:** <http://hdl.handle.net/2445/171202>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Total no. authors:** 75**Impact source:** ISI**Category:** ECOLOGY**Impact index in year of publication:** 8.555**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 168**Impact source:** ISI**Category:** ENVIRONMENTAL SCIENCES**Impact index in year of publication:** 8.555**Journal in the top 25%:** Yes**Position of publication:** 9**No. of journals in the cat.:** 265**Impact source:** ISI**Category:** BIODIVERSITY CONSERVATION**Impact index in year of publication:** 8.555**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 59

- 26** Pereda O; Acuña V; von Schiller D; Sabater S; Elosegi A. Immediate and legacy effects of urban pollution on river ecosystem functioning: A mesocosm experiment. *Ecotoxicology and Environmental Safety*. 169, pp. 960 - 970. (United Kingdom): Elsevier, 2019. Available on-line at: <<https://doi.org/10.1016/j.ecoenv.2018.11.103>>. ISSN 0147-6513

**DOI:** <https://doi.org/10.1016/j.ecoenv.2018.11.103>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 5**Impact source:** ISI**Category:** ENVIRONMENTAL SCIENCES**Impact index in year of publication:** 4.872**Journal in the top 25%:** Yes**Position of publication:** 44**No. of journals in the cat.:** 265**Impact source:** ISI**Category:** TOXICOLOGY**Impact index in year of publication:** 4.872**Journal in the top 25%:** Yes**Position of publication:** 11**No. of journals in the cat.:** 92



- 27** Larrañaga A; Atristain M; von Schiller D; Elosegí A. Artikutza (Navarra): diagnóstico ambiental de la red fluvial previo al desmantelamiento de un embalse y resultados preliminares del efecto del vaciado. *Ingeniería Civil*. 193, pp. 4 - 15. (Spain): 2019. Available on-line at: <<http://ingenieriacivil.cedex.es/index.php/ingenieria-civil/article/view/2379>>. ISSN 0213-8468  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 4
- 28** Arce, M.I.; Mendoza-Lera, C.; Almagro, M.; Catalán, N.; Romaní, A.; Martí, E.; Gómez, R.; Bernal, S.; Foulquier, A.; Mutz, M.; Marcé, R.; Zoppini, A.; Gionchetta, G.; Weigelhofer, G.; del Campo, R.; Robinson, C.; Gilmer, A.; Rulik, M.; Obrador, B.; Shumilova, O.; Zlatanović, S.; Arnon, S.; Baldrian, P.; Singer, G.; Datry, T.; Skoulikidis, N.; Tietjen, B.; von Schiller, D. A conceptual framework for understanding the biogeochemistry of dry riverbeds through the lens of soil science. *Earth-Science Reviews*. 188, pp. 441 - 453. (Holland): Elsevier B.V., 2019. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S001282521830059X>>. ISSN 0012-8252  
**DOI:** <https://doi.org/10.1016/j.earscirev.2018.12.001>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 28  
**Total no. authors:** 28  
**Impact source:** ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY  
**Impact index in year of publication:** 9.724 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 200
- 29** Abril, M.; Bastias, E.; Von Schiller, D.; Martí, E.; Menéndez, M.; Muñoz, I. Uptake and trophic transfer of nitrogen and carbon in a temperate forested headwater stream. *Aquatic Sciences - Research Across Boundaries*. 81 - 75, (Switzerland): Springer Verlag, 2019. ISSN 1015-1621  
**DOI:** <https://doi.org/10.1007/s00027-019-0672-x>  
**Handle:** <http://hdl.handle.net/2445/148364>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 2.402 **Journal in the top 25%:** No  
**Position of publication:** 132 **No. of journals in the cat.:** 265  
**Impact source:** ISI **Category:** LIMNOLOGY  
**Impact index in year of publication:** 2.402 **Journal in the top 25%:** Yes  
**Position of publication:** 5 **No. of journals in the cat.:** 22  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 2.402 **Journal in the top 25%:** Yes  
**Position of publication:** 20 **No. of journals in the cat.:** 106
- 30** Arce; MI; von Schiller D; Bengtsson MM; Hinze C.; Jung H.; Eloy Alves RJ; Urich T; Singer G. Drying and rainfall shape the structure and functioning of nitrifying microbial communities in riverbed sediments. *Frontiers in Microbiology*. 9 - 2794, (Switzerland): Frontiers Media, 2018. Available on-line at: <<https://doi.org/10.3389/fmicb.2018.02794>>. ISSN 1664-302X  
**DOI:** <https://doi.org/10.3389/fmicb.2018.02794>  
**Handle:** <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6250940/>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** MICROBIOLOGY



**Impact index in year of publication:** 4.235  
**Position of publication:** 32

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 133

- 31** Tank, J. L.; Martí, E.; Riis, T.; von Schiller, D.; Reisinger, A. J.; Dodds, W. K.; Whiles, M. R.; Ashkenas, L. R.; Bowden, W. B.; Collins, S. M.; Crenshaw, C. L.; Crowl, T. A.; Griffiths, N. A.; Grimm, N. B.; Hamilton, S. K.; Johnson, S. L.; McDowell, W. H.; Norman, B. M.; Rosi, E. J.; Simon, K. S.; Thomas, S. A.; Webster, J. R. Partitioning assimilatory nitrogen uptake in streams: an analysis of stable isotope tracer additions across continents. *Ecological Monographs*. 88, pp. 120 - 138. (United States of America): The Ecological Society of America, 2018. Available on-line at: <<https://doi.org/10.1002/ecm.1280>>. ISSN 0012-9615

**DOI:** <https://doi.org/10.1002/ecm.1280>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 22

**Impact source:** ISI

**Category:** ECOLOGY

**Impact index in year of publication:** 7.698

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 164

- 32** Solagaistua L; de Guzmán I; Barrado M; Mijangos L; Etxebarria N; García-Baquero G; Larrañaga A; von Schiller D; Elosegi A. Testing wastewater treatment plant effluent effects on microbial and detritivore performance: A combined field and laboratory experiment. *Aquatic Toxicology*. 203, pp. 159 - 171. (Holland): Elsevier B.V., 2018. Available on-line at: <<https://doi.org/10.1016/j.aquatox.2018.08.006>>. ISSN 0166-445X

**DOI:** <https://doi.org/10.1016/j.aquatox.2018.08.006>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 9

**Impact source:** ISI

**Category:** MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 3.794

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 108

**Impact source:** ISI

**Category:** TOXICOLOGY

**Impact index in year of publication:** 3.794

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 93

- 33** Sánchez-Montoya MM; von Schiller D; Barberá GG; Díaz AM; Arce MI; del Campo R; Tockner K. Understanding the effects of predictability; duration and spatial pattern of drying on benthic invertebrate assemblages in two contrasting intermittent streams. *PLoS One*. 13(3) - e0193933, (United States of America): Public Library of Science (PLoS), 2018. Available on-line at: <<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0193933>>. ISSN 1932-6203

**DOI:** <https://doi.org/10.1371/journal.pone.0193933>

**Handle:** <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5874014/>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 7

**Impact source:** ISI

**Category:** MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 2.776

**Journal in the top 25%:** No

**Position of publication:** 24

**No. of journals in the cat.:** 69

- 34** Obrador, Biel; von Schiller, Daniel; Marce, Rafael; Gomez-Gener, Lluís; Koschorreck, Matthias; Borrego, Carles; Catalan, Nuria. Dry habitats sustain high CO<sub>2</sub> emissions from temporary ponds across seasons. *Scientific Reports*. 8, pp. 3015. (United Kingdom): Nature Publishing Group, 2018. ISSN 2045-2322





**DOI:** <https://doi.org/10.1038/s41598-018-20969-y>

**Handle:** <http://hdl.handle.net/2445/125891>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 4.011

**Position of publication:** 15

**Format:** Journal

**Category:** MULTIDISCIPLINARY SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 69

- 35** Muñoz I.; Abril M.; Casas-Ruiz J.P.; Casellas M.; Gómez-Gener Ll.; Marcé R.; Menéndez M.; Obrador B.; Sabater, S.; von Schiller D.; Acuña V. Does the severity of non-flow period influence ecosystem structure and function of temporary streams? A mesocosm study. *Freshwater Biology*. 63, pp. 613 - 625. (United Kingdom): John Wiley & Sons, 2018. Available on-line at: <<https://onlinelibrary.wiley.com/doi/abs/10.1111/fwb.13098>>. ISSN 0046-5070

**DOI:** <https://doi.org/10.1111/fwb.13098>

**Type of production:** Scientific paper

**Position of signature:** 10

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 3.404

**Position of publication:** 44

**Format:** Journal

**Category:** ECOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 164

**Impact source:** ISI

**Impact index in year of publication:** 3.404

**Position of publication:** 10

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 108

- 36** Marcé, R.; von schiller, D.; Rosana, A.; Martí, E.; Bernal, S. Contribution of hydrological opportunity and biogeochemical reactivity to the variability of nutrient retention in river networks. *Global Biogeochemical Cycles*. (United States of America): 2018. Available on-line at: <<https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1002/2017GB005677>>. ISSN 0886-6236

**DOI:** <https://doi.org/10.1002/2017GB005677>

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 5.733

**Position of publication:** 24

**Format:** Journal

**Category:** ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 250

**Impact source:** ISI

**Impact index in year of publication:** 5.733

**Position of publication:** 7

**Category:** METEOROLOGY & ATMOSPHERIC SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 86

**Impact source:** ISI

**Impact index in year of publication:** 5.733

**Position of publication:** 8

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 196

- 37** Graeber D; Lorenz D; Rosenstand Poulsen J; Heinz M; von Schiller D; Gücker B; Gelbrecht J; Kronvang B. Assessing net-uptake of nitrate and natural dissolved organic matter fractions in a revitalized lowland stream reach. *Limnologia*. 66, pp. 82 - 91. (Germany): Elsevier B.V., 2018. Available on-line at: <<https://doi.org/10.1016/j.limno.2017.10.003>>. ISSN 0075-9511

**DOI:** <https://doi.org/10.1016/j.limno.2017.10.003>



**Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 8  
**Impact source:** ISI  
**Impact index in year of publication:** 2.051  
**Position of publication:** 7

**Format:** Journal

**Category:** LIMNOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 21

- 38** Gómez-Gener, G.; Gubau, G.; von Schiller, D.; Marcé, R.; Obrador, B. Effect of small water retention structures on diffusive CO<sub>2</sub> and CH<sub>4</sub> emissions along a highly impounded river. *Inland Waters*. 8 - 4, pp. 449 - 460. (United Kingdom): Informa UK, 2018. Available on-line at: <<https://www.tandfonline.com/doi/full/10.1080/20442041.2018.1457846>>. ISSN 2044-2041  
**DOI:** <https://doi.org/10.1080/20442041.2018.1457846>

**Handle:** <http://hdl.handle.net/2445/133603>

**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 1.914  
**Position of publication:** 9

**Format:** Journal

**Category:** LIMNOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 21

**Impact source:** ISI  
**Impact index in year of publication:** 1.914  
**Position of publication:** 45

**Category:** MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 108

- 39** Datry, T.; Foulquier, A.; Corti, R.; Von Schiller, D.; Tockner, K.; Menoza-Lera, C.; Clement, J-C.; Gessner, M.; Moleon, M.; Stubbington, R.; Gücker, B.; Albariño, R.; Allen, D.; Altermatt, F.; Arce, M.I.; Arnon, S.; Banas, D.; Banegas-Medina, A.; Beller, E.; Blanchette, M.; Blanco-Libreros, J.; Blessing, J.; Boechat, I.; Boersma, K.; Bogan, M.; Bonada, N.; Bond, N.; Brintrup Barría, K.; Bruder, A.; Burrows, R.; Cancellario, T.; Canhoto, C.; Carlson, S.; Cauvy-Fraunié, S.; Cid, N.; Danger, M.; Terra, B.; De Girolamo, A.M.; De La Barra, E.; Del Campo, R.; Diaz-Villanueva, V.; Dyer, F.; Elosegi, A.; Faye, E.; Febria, C.; Four, B.; Gafny, S.; Ghate, S.; Gomez, R.; Gómez-Gener, L.; Graça, M.; Guareshi, S.; Hoppeler, F.; Hwan, J.; Jones, I.; Kubheka, S.; Laini, A.; Langhans, S.; Leigh, C.; Little, C.; Lorenz, S.; Marshall, J.; Martin, E.; Mcintosh, A.; Meyer, E.; Miližić, M.; Mlambo, M.; Morais, M.; Moya, N.; Negus, P.; Niyogi, D.; Papatheodoulou, A.; Pardo, I.; Paril, P.; Pauls, S.; Pežić, V.; Poláček, M.; Robinson, C.T.; Rodríguez-Lozano, P.; Rolls, R.; Sánchez-Montoya, M.; Savić, A.; Shumilova, O.; Sridhar, K.; Steward, A.; Storey, R.; Taleb, A.; Uzan, A.; Vander Vorste, R.; Waltham, N.; Woelfle-Erskine, C.; Zak, D.; Zarfl, C.; Zoppini, A. A global analysis of terrestrial plant litter dynamics in non-perennial waterways. *Nature Geoscience*. 11, pp. 497 - 503. (United Kingdom): Nature Publishing Group, 2018. Available on-line at: <<https://www.nature.com/articles/s41561-018-0134-4>>. ISSN 1752-0894  
**DOI:** <https://doi.org/10.1038/s41561-018-0134-4>

**Type of production:** Scientific paper  
**Position of signature:** 4  
**Total no. authors:** 94  
**Impact source:** ISI  
**Impact index in year of publication:** 14.48  
**Position of publication:** 1

**Format:** Journal

**Category:** GEOSCIENCES, MULTIDISCIPLINARY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 196

- 40** Brauns M; Boechat I; Graeber D; Gücker B; Mehner T; von Schiller D. Consumer-resource stoichiometry as a predictor of trophic discrimination ( $\Delta^{13}C$ ;  $\Delta^{15}N$ ) in aquatic invertebrates. *Freshwater Biology*. 63, pp. 1240 - 1249. (United Kingdom): John Wiley & Sons, 2018. Available on-line at: <<https://doi.org/10.1111/fwb.13129>>. ISSN 0046-5070  
**DOI:** <https://doi.org/10.1111/fwb.13129>

**Type of production:** Scientific paper

**Format:** Journal





**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 3.404

**Position of publication:** 44

**Category:** ECOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 164

**Impact source:** ISI

**Impact index in year of publication:** 3.404

**Position of publication:** 10

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 108

- 41** von Schiller, Daniel; Acuna, Vicenc; Aristi, Ibon; Arroita, Maite; Basaguren, Ana; Bellin, Alberto; Boyero, Luz; Butturini, Andrea; Ginebreda, Antoni; Kalogianni, Eleni; Larranaga, Aitor; Majone, Bruno; Martinez, Aingeru; Monroy, Silvia; Munoz, Isabel; Paunovic, Momir; Pereda, Olatz; Petrovic, Mira; Pozo, Jesus; Rodriguez-Mozaz, Sara; Rivas, Daniel; Sabater, Sergi; Sabater, Francesc; Skoulidakis, Nikolaos; Solagaistua, Libe; Vardakas, Leonidas; Elozegi, Arturo. River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. *Science of the Total Environment*. 596, pp. 465 - 480. (Holland): Elsevier B.V., 2017. ISSN 0048-9697

**DOI:** <https://doi.org/10.1016/j.scitotenv.2017.04.081>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 27

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 4.61

**Journal in the top 25%:** Yes

**Position of publication:** 27

**No. of journals in the cat.:** 242

- 42** Ribot M; von Schiller D; Martí E. Understanding pathways of dissimilatory and assimilatory dissolved inorganic nitrogen uptake in streams. *Limnology and Oceanography*. 62, pp. 1666 - 1183. (United States of America): American Society of Limnology and Oceanography., 2017. Available on-line at: <<https://doi.org/10.1002/lno.10493>>. ISSN 0024-3590

**DOI:** <https://doi.org/10.1002/lno.10493>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 3

**Impact source:** ISI

**Category:** LIMNOLOGY

**Impact index in year of publication:** 3.595

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 20

**Impact source:** ISI

**Category:** OCEANOGRAPHY

**Impact index in year of publication:** 3.595

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 64

- 43** Catalán, N.; Casas-Ruiz, J.P.; von Schiller, D.; Proia, L.; Obrador, B.; Zwirnmann, B.; Marcé, R. Biodegradation kinetics of dissolved organic matter chromatographic fractions in an intermittent river. *Journal of Geophysical Research*. 122 - 1, pp. 131 - 144. (United States of America): Wiley, 2017. Available on-line at: <<https://agupubs.onlinelibrary.wiley.com/doi/full/10.1002/2016JG003512>>. ISSN 0148-0227

**DOI:** <https://doi.org/10.1002/2016JG003512>

**Handle:** <http://hdl.handle.net/2445/119806>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Impact source:** Science Citation Index (SCI)

**Impact index in year of publication:** 3.484



- 44** Casas-Ruiz, J.P.; Catalán, N.; Gómez-Gener, L.; von Schiller, D.; Obrador, B.; Kothawala, D.; López, P.; Sabater, S.; Marcé, R. A tale of pipes and reactors: controls on the in-stream dynamics of dissolved organic matter in rivers. *Limnology and Oceanography*. 62, pp. 585 - 594. (United States of America): American Society of Limnology and Oceanography., 2017. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/lno.10471/full>>. ISSN 0024-3590  
**DOI:** <https://doi.org/10.1002/lno.10471>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** LIMNOLOGY  
**Impact index in year of publication:** 3.595 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 20  
**Impact source:** ISI **Category:** OCEANOGRAPHY  
**Impact index in year of publication:** 3.595 **Journal in the top 25%:** Yes  
**Position of publication:** 4 **No. of journals in the cat.:** 64
- 45** Norman; BC; Whiles MR; Collins SM; Flecker AS; Hamilton SK; Johnson SL; Rosi-Marshall EJ; Ashkenas LR; Bowden WB; Crenshaw CL; Crowl T; Dodds WK; Hall RO; El-Sabaawi R; Griffiths NA; Martí E; McDowell WH; Peterson SD; Rantala HM; Riis T; Simon KS; Tank JL; Thomas SA; von Schiller D; Webster JR. Drivers of nitrogen transfer in stream food webs across continents. *Ecology*. 98, pp. 3044 - 3055. (United States of America): The Ecological Society of America, 2017. Available on-line at: <<https://doi.org/10.1002/ecy.2009>>. ISSN 0012-9658  
**DOI:** <https://doi.org/10.1002/ecy.2009>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 24  
**Total no. authors:** 25  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** 4.617 **Journal in the top 25%:** Yes  
**Position of publication:** 21 **No. of journals in the cat.:** 160
- 46** von Schiller D; Aristi I; Ponsatí L; Arroita M; Acuña V; Elosegí A; Sabater S. Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. *Science of the Total Environment*. 540, pp. 168 - 177. (Holland): Elsevier B.V., 2016. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2015.07.017>>. ISSN 0048-9697  
**DOI:** <https://doi.org/10.1016/j.scitotenv.2015.07.017>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 4.9 **Journal in the top 25%:** Yes  
**Position of publication:** 22 **No. of journals in the cat.:** 229
- 47** Sánchez-Montoya MM; von Schiller D; Ruhí; Sting Pechar G; Proia L; Miñano J; Vidal-Abarca MR; Suárez ML; Tockner K. Responses of ground-dwelling arthropods to surface flow drying in channels and adjacent habitats along Mediterranean streams. *Ecohydrology*. 9, pp. 1376 - 1387. (United States of America): John Wiley & Sons, 2016. Available on-line at: <<https://doi.org/10.1002/eco.1733>>. ISSN 1936-0584  
**DOI:** <https://doi.org/10.1002/eco.1733>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 9



**Impact source:** ISI  
**Impact index in year of publication:** 2.852  
**Position of publication:** 49

**Category:** ECOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 153

**Impact source:** ISI  
**Impact index in year of publication:** 2.852  
**Position of publication:** 76

**Category:** ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 229

**Impact source:** ISI  
**Impact index in year of publication:** 2.852  
**Position of publication:** 13

**Category:** WATER RESOURCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 88

- 48** Ruhi, Albert; Munoz, Isabel; Tornes, Elisabet; Batalla, Ramon J.; Vericat, Damia; Ponsati, Lidia; Acuna, Vicenc; von Schiller, Daniel; Marce, Rafael; Bussi, Gianbattista; Frances, Felix; Sabater, Sergi. Flow regulation increases food-chain length through omnivory mechanisms in a Mediterranean river network. *Freshwater Biology*. 61 - 9, pp. 1536 - 1549. (United Kingdom): John Wiley & Sons, 2016. ISSN 0046-5070

**DOI:** <https://doi.org/10.1111/fwb.12794>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 0

**Total no. authors:** 12

**Impact source:** ISI

**Category:** MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 3.255

**Journal in the top 25%:** Yes

**Position of publication:** 6

**No. of journals in the cat.:** 105

- 49** Proia L; von Schiller D; Sánchez-Melsió A; Sabater S; Borrego CM; Rodríguez-Mozaz S; Balcazar JL. Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. *Environmental Pollution*. 210, pp. 121 - 128. (United Kingdom): Elsevier B.V., 2016. Available on-line at: <<https://doi.org/10.1016/j.envpol.2015.11.035>>. ISSN 0269-7491

**DOI:** <https://doi.org/10.1016/j.envpol.2015.11.035>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 7

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 5.099

**Journal in the top 25%:** Yes

**Position of publication:** 20

**No. of journals in the cat.:** 229

- 50** Proia L.; von Schiller, D.; Gutiérrez, C.; Casas-Ruiz, J.P.; Gómez, L.; Marcé, R.; Obrador, B.; Acuña, V.; Sabater S. Microbial carbon processing along a river discontinuum. *Freshwater Science*. 35, pp. 1133 - 1147. (United States of America): The University of Chicago Press, 2016. Available on-line at: <<http://link.springer.com/article/10.1007/s10021-016-9963-4>>. ISSN 2161-9549

**DOI:** <https://doi.org/10.1086/689181>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 9

**Impact source:** ISI

**Category:** ECOLOGY

**Impact index in year of publication:** 2.197

**Journal in the top 25%:** No

**Position of publication:** 65

**No. of journals in the cat.:** 153

**Impact source:** ISI

**Category:** MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 2.197

**Journal in the top 25%:** No

**Position of publication:** 27

**No. of journals in the cat.:** 105



- 51** Merbt SN; Proia L; Prosser JI; Martí E; Casamayor EO; von Schiller D. Stream drying drives microbial ammonia oxidation and first flush nitrate export. *Ecology*. 97, pp. 2192 - 2198. (United States of America): The Ecological Society of America, 2016. Available on-line at: <<https://doi.org/10.1002/ecy.1486>>. ISSN 0012-9658  
**DOI:** <https://doi.org/10.1002/ecy.1486>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** 4.809 **Journal in the top 25%:** Yes  
**Position of publication:** 20 **No. of journals in the cat.:** 153
- 52** Gómez-Gener, L.; von Schiller, D.; Marcé, R.; Aroitia, M.; Casas-Ruiz, J.P.; Staehr, P.A.; Acuña, V.; Sabater, S.; Obrador, B. Low contribution of internal metabolism to carbon dioxide emissions along lotic and lentic environments of a Mediterranean fluvial network. *Journal of Geophysical Research*. 121, pp. 3030 - 3044. (United States of America): Wiley, 2016. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/2016JG003549/abstract>>. ISSN 0148-0227  
**DOI:** <https://doi.org/10.1002/2016JG003549>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 9  
**Impact source:** Science Citation Index (SCI)  
**Impact index in year of publication:** 3.995
- 53** Gomez-Gener, Lluís; Obrador, Biel; Marce, Rafael; Acuna, Vicenc; Catalan, Nuria; Pere Casas-Ruiz, Joan; Sabater, Sergi; Munoz, Isabel; von Schiller, Daniel. When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. *Ecosystems*. 19 - 4, pp. 710 - 723. (United States of America): Springer Verlag, 2016. ISSN 1432-9840  
**DOI:** <https://doi.org/10.1007/s10021-016-9963-4>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 0  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** 4.198 **Journal in the top 25%:** Yes  
**Position of publication:** 28 **No. of journals in the cat.:** 153
- 54** Drummond, J.; Bernal, S.; von Schiller, D.; Martí, E. Linking in-stream nutrient uptake to hydrological retention in two headwater streams. *Freshwater Science*. 35, pp. 1176 - 1188. (United States of America): The University of Chicago Press, 2016. ISSN 2161-9549  
**DOI:** <https://doi.org/10.1086/688599>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** 2.197 **Journal in the top 25%:** No  
**Position of publication:** 65 **No. of journals in the cat.:** 153  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 2.197 **Journal in the top 25%:** No  
**Position of publication:** 27 **No. of journals in the cat.:** 105

- 55** Aymerich I; Acuña V; Barceló D; García MJ; Petrovic M; Poch M; Sabater S; Rodríguez-Mozaz S; Rodríguez-Roda I; von Schiller D; Corominas LI. Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. *Water Research*. 100, pp. 126 - 136. (United Kingdom): Elsevier Ltd, 2016. Available on-line at: <<https://doi.org/10.1016/j.watres.2016.04.022>>. ISSN 0043-1354

**DOI:** <https://doi.org/10.1016/j.watres.2016.04.022>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 10

**Total no. authors:** 11

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 6.942

**Journal in the top 25%:** Yes

**Position of publication:** 8

**No. of journals in the cat.:** 229

**Impact source:** ISI

**Category:** WATER RESOURCES

**Impact index in year of publication:** 6.942

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 88

**Impact source:** ISI

**Category:** ENGINEERING, ENVIRONMENTAL

**Impact index in year of publication:** 6.942

**Journal in the top 25%:** Yes

**Position of publication:** 2

**No. of journals in the cat.:** 49

- 56** Ribot, M.; von Schiller, D.; Sabater F.; Martí, E. Biofilm growth and nitrogen uptake responses to increases in nitrate and ammonium availability. *Aquatic Sciences - Research Across Boundaries*. 77 - 4, pp. 695 - 707. (Switzerland): Springer Verlag, 2015. ISSN 1015-1621

**DOI:** <https://doi.org/10.1007/s00027-015-0412-9>

**Handle:** <http://hdl.handle.net/2445/126658>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 4

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 2.398

**Journal in the top 25%:** No

**Position of publication:** 77

**No. of journals in the cat.:** 225

**Impact source:** ISI

**Category:** LIMNOLOGY

**Impact index in year of publication:** 2.398

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 20

**Impact source:** ISI

**Category:** MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 2.398

**Journal in the top 25%:** Yes

**Position of publication:** 20

**No. of journals in the cat.:** 104

- 57** Gómez-Gener, LI.; Obrador, B.; von Schiller, D.; Marcé, R.; Casas-Ruiz, J.P.; Proia, L.; Acuña, V.; Catalán, N.; Muñoz, I.; Koschorreck, M. Hot spots for carbon emissions from Mediterranean fluvial networks during summer drought. *Biogeochemistry*. 125, pp. 409 - 426. (Holland): Springer Verlag, 2015. Available on-line at: <<http://link.springer.com/article/10.1007%2Fs10533-015-0139-7>>. ISSN 0168-2563

**DOI:** <https://doi.org/10.1007/s10533-015-0139-7>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 10

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 3.407

**Journal in the top 25%:** Yes





**Position of publication:** 44

**Impact source:** ISI

**Impact index in year of publication:** 3.407

**Position of publication:** 26

**No. of journals in the cat.:** 225

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 184

- 58** Casas-Ruiz, J.P.; Tittel, J.; von Schiller, D.; Catalán, N.; Obrador, B.; Gómez-Gener, LI.; Zwirnmann, E.; Sabater, S.; Marcé, R. Drought-induced discontinuities in the source and degradation of dissolved organic matter in a Mediterranean river. *Biogeochemistry*. 127, pp. 125 - 139. (Holland): Springer Verlag, 2015. Available on-line at: <<http://link.springer.com.sire.ub.edu/article/10.1007%2Fs10533-015-0173-5>>. ISSN 0168-2563

**DOI:** <https://doi.org/10.1007/s10533-015-0173-5>

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 3.407

**Position of publication:** 44

**Format:** Journal

**Category:** ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 225

**Impact source:** ISI

**Impact index in year of publication:** 3.407

**Position of publication:** 26

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 184

- 59** von Schiller, D.; Bernal, S.; Sabater, F.; Martí, E. A round-trip ticket: the importance of release processes for in-stream nutrient spiraling. *Freshwater Science*. 34 - 1, pp. 20 - 30. (United States of America): The University of Chicago Press, 2015. ISSN 2161-9549

**DOI:** <https://doi.org/10.1086/679015>

**Handle:** <http://hdl.handle.net/2445/101340>

**Type of production:** Scientific paper

**Position of signature:** 0

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 2.433

**Position of publication:** 55

**Format:** Journal

**Category:** ECOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 150

**Impact source:** ISI

**Impact index in year of publication:** 2.433

**Position of publication:** 18

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 104

- 60** Graeber, D.; Boëchat, I.G.; Encina-Montoya, F.; Esse, C.; Gelbrecht, J.; Goyenola G.; Gücker, B.; Heinz, M.; Kronvang, B.; Meerhoff, M.; Nimptsch, J.; Pusch, M.T.; Silva, R.C.S.; von Schiller, D.; Zwirnmann, E. Global effects of agriculture on fluvial dissolved organic matter. *Scientific Reports*. 5, (United Kingdom): Nature Publishing Group, 2015. Available on-line at: <<https://www.nature.com/articles/srep16328>>. ISSN 2045-2322

**DOI:** <https://doi.org/10.1038/srep16328>

**Handle:** <http://hdl.handle.net/2445/173172>

**Type of production:** Scientific paper

**Position of signature:** 14

**Total no. authors:** 15

**Impact source:** ISI

**Impact index in year of publication:** 5.228

**Position of publication:** 7

**Format:** Journal

**Category:** MULTIDISCIPLINARY SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 63



- 61** Aristi I; von Schiller D; Arroita M; Barceló D; Ponsatí L; García-Galán MJ; Sabater S; Elosegi A; Acuña V. Mixed effects of effluents from a wastewater treatment plant on river ecosystem metabolism: subsidy or stress?. *Freshwater Biology*. 60, pp. 1398 - 1410. (United Kingdom): John Wiley & Sons, 2015. Available on-line at: <<https://doi.org/10.1111/fwb.12576>>. ISSN 0046-5070  
**DOI:** <https://doi.org/10.1111/fwb.12576>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 9  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 2.933 **Journal in the top 25%:** Yes  
**Position of publication:** 11 **No. of journals in the cat.:** 104
- 62** von Schiller D; Graeber D; Ribot M; Timoner X; Acuña V; Martí E; Sabater S; Tockner K. Hydrological transitions drive dissolved organic matter quantity and composition in a temporary Mediterranean stream. *Biogeochemistry*. 123, pp. 429 - 446. (Holland): Springer Verlag, 2015. Available on-line at: <<https://doi.org/10.1007/s10533-015-0077-4>>. ISSN 0168-2563  
**DOI:** <https://doi.org/10.1007/s10533-015-0077-4>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.407 **Journal in the top 25%:** Yes  
**Position of publication:** 44 **No. of journals in the cat.:** 225
- 63** Ponsatí L; Acuña V; Aristi I; Arroita M; García-Berthou E; von Schiller D; Elosegi A; Sabater S. Biofilm responses to flow regulation by dams in Mediterranean rivers. *River Research and Applications*. 31, pp. 1003 - 1016. (United States of America): John Wiley & Sons, 2015. Available on-line at: <<https://doi.org/10.1002/rra.2807>>. ISSN 1535-1459  
**DOI:** <https://doi.org/10.1002/rra.2807>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 1.98 **Journal in the top 25%:** No  
**Position of publication:** 102 **No. of journals in the cat.:** 225
- 64** Acuña V; von Schiller D; García-Galán MJ; Rodríguez-Mozaz S; Corominas LI; Petrovic M; Poch M; Barceló D; Sabater S. Occurrence and in-stream attenuation of wastewater derived pharmaceuticals in Iberian rivers. *Science of the Total Environment*. 503-504, pp. 133 - 141. (Holland): Elsevier B.V., 2015. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2014.05.067>>. ISSN 0048-9697  
**DOI:** <https://doi.org/10.1016/j.scitotenv.2014.05.067>  
**Type of production:** Scientific paper **Format:** Journal



**Position of signature:** 2

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 3.976

**Position of publication:** 32

**Category:** ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 225

- 65** Obrador, B.; Catalan, N.; Marcé, R.; von Schiller, D.; Koschorreck, M.; Gómez-Gener, L. Fluxos de carboni a les basses temporals de l'illa de Menorca. *Revista de Menorca*. 94, pp. 209 - 224. (Spain): Ateneu de Maó, 2015. ISSN 0211-4550

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

- 66** Prat, N.; Gallart, F.; Von Schiller, D.; Polesello, S.; Garcia-Roger, E. M.; Latron, J.; Rieradevall, M.; Llorens, P.; Barbera, G. G.; Brito, D.; De Girolamo, A. M.; Dieter, D.; Lo Porto, A.; Buffagni, A.; Erba, S.; Nikolaidis, N. P.; Querner, E. P.; Tournoud, M. G.; Tzoraki, O.; Skoulikidis, N.; Gomez, R.; Sanchez-Montoya, M. M.; Tockner, K.; Froebrich, J. THE MIRAGE TOOLBOX: AN INTEGRATED ASSESSMENT TOOL FOR TEMPORARY STREAMS. *River Research and Applications*. 30 - 10, pp. 1318 - 1334. (United States of America): John Wiley & Sons, 2014. ISSN 1535-1459

**DOI:** <https://doi.org/10.1002/rra.2757>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 24

**Impact source:** ISI

**Category:** ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 2.025

**Journal in the top 25%:** No

**Position of publication:** 97

**No. of journals in the cat.:** 223

**Impact source:** ISI

**Category:** WATER RESOURCES

**Impact index in year of publication:** 2.025

**Journal in the top 25%:** No

**Position of publication:** 21

**No. of journals in the cat.:** 83

- 67** Catalán, N.; von Schiller, D.; Marcé, R.; Koschorreck, M.; Gomez-Gener, L.; Obrador, B. Carbon dioxide efflux during the flooding phase of temporary ponds. *Limnetica*. 33, pp. 349 - 360. (Spain): Asociación Ibérica de Limnología, 2014. Available on-line at: [http://www.limnetica.com/Limnetica/Limne33/L33b349\\_Carbon\\_dioxide\\_efflux\\_temporary\\_ponds.pdf](http://www.limnetica.com/Limnetica/Limne33/L33b349_Carbon_dioxide_efflux_temporary_ponds.pdf). ISSN 0213-8409

**DOI:** <https://doi.org/10.23818/limn.33.27>

**Handle:** <http://hdl.handle.net/2445/173191>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 6

**Impact source:** ISI

**Category:** LIMNOLOGY

**Impact index in year of publication:** 0.707

**Journal in the top 25%:** No

**Position of publication:** 18

**No. of journals in the cat.:** 20

**Impact source:** ISI

**Category:** MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 0.707

**Journal in the top 25%:** No

**Position of publication:** 85

**No. of journals in the cat.:** 103

- 68** von Schiller, D.; Marcé, R.; Obrador, B.; Gómez-Gener, L.I.; Casas, J.P., Acuña, V.; Koschorreck, M. Carbon dioxide emissions from dry watercourses. *Inland Waters*. 4, pp. 377 - 382. (United Kingdom): Informa UK, 2014. Available on-line at: <https://www.fba.org.uk/journals/index.php/IW/article/view/746>. ISSN 2044-2041



**DOI:** <https://doi.org/10.5268/IW-4.4.746>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 1.31

**Position of publication:** 11

**Impact source:** ISI

**Impact index in year of publication:** 1.31

**Position of publication:** 57

**Format:** Journal

**Category:** LIMNOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 20

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 103

- 69** Aristi I; Arroita M; Larrañaga A; Ponsatí L; Sabater S; von Schiller D; Elozegi A; Acuña V. Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. *Freshwater Biology*. 59, pp. 1816 - 1829. (United Kingdom): John Wiley & Sons, 2014. Available on-line at: <<https://doi.org/10.1111/fwb.12385>>. ISSN 0046-5070

**DOI:** <https://doi.org/10.1111/fwb.12385>

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 2.738

**Position of publication:** 13

**Format:** Journal

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 103

- 70** Arce MI; von Schiller D; Gómez R. Variation in nitrate uptake and denitrification rates across a salinity gradient in Mediterranean semiarid streams. *Aquatic Sciences - Research Across Boundaries*. 76, pp. 295 - 311. (Switzerland): Springer Verlag, 2014. Available on-line at: <<https://doi.org/10.1007/s00027-014-0336-9>>. ISSN 1015-1621

**DOI:** <https://doi.org/10.1007/s00027-014-0336-9>

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 2.706

**Position of publication:** 60

**Format:** Journal

**Category:** ENVIRONMENTAL SCIENCES

**Journal in the top 25%:** No

**No. of journals in the cat.:** 223

**Impact source:** ISI

**Impact index in year of publication:** 2.706

**Position of publication:** 3

**Category:** LIMNOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 20

**Impact source:** ISI

**Impact index in year of publication:** 2.706

**Position of publication:** 15

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 103

- 71** Ribot, M.; von Schiller, D.; Peipoch, M.; Sabater, F.; Grimm, N.; Martí, E. Influence of nitrate and ammonium availability on uptake kinetics of stream biofilms. *Freshwater Science*. 32 - 4, pp. 1155 - 1167. (United States of America): The University of Chicago Press, 2013. Available on-line at: <<https://doi.org/10.1899/12-209.1>>. ISSN 2161-9549

**DOI:** <https://doi.org/10.1899/12-209.1>

**Handle:** <http://hdl.handle.net/2445/173217>

**Type of production:** Scientific paper

**Position of signature:** 2

**Format:** Journal

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1.423

**Position of publication:** 94

**Category:** ECOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 140

**Impact source:** ISI

**Impact index in year of publication:** 1.423

**Position of publication:** 52

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 102

- 72** Vazquez, E.; Butturini, A.; Acuña, V.; Artigas, J.; Ejarque, E.; Gaudes, A.; Ylla, I.; Martí, E.; Mas, E.; Muñoz, I.; Romani, A.M.; Sabater, S.; Sabater, F.; Von Schiller, D. Fourteen years of hydro-biogeochemical monitoring in a Mediterranean catchment. *Bodenkultur*. 64 - 3-4, pp. 7 - 20. (Austria): 2013. ISSN 0006-5471

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 15

**Total no. authors:** 16

- 73** Mußmann M; Ribot M; von Schiller D; Merbt SN; Augspurger C; Karwautz C; Winkel M; Battin TJ; Martí M; Daims; H. Colonization of freshwater biofilms by nitrifying bacteria from activated sludge. *FEMS Microbiology Ecology*. 85, pp. 105 - 115. (Holland): John Wiley & Sons, 2013. Available on-line at: <<https://doi.org/10.1111/1574-6941.12103>>. ISSN 0168-6496

**DOI:** <https://doi.org/10.1111/1574-6941.12103>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 10

**Impact source:** ISI

**Category:** MICROBIOLOGY

**Impact index in year of publication:** 3.875

**Journal in the top 25%:** Yes

**Position of publication:** 26

**No. of journals in the cat.:** 119

- 74** Bernal, S.; von Schiller, D.; Martí, E.; Sabater, F. Hydrological extremes modulate nutrient dynamics in mediterranean-type streams across different spatial scales. *Hydrobiologia*. 719 - 1, pp. 31 - 42. (Holland): Springer Verlag, 2013. Available on-line at: <<https://doi.org/10.1007/s10750-012-1246-2>>. ISSN 0018-8158

**DOI:** <https://doi.org/10.1007/s10750-012-1246-2>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 4

**Impact source:** ISI

**Category:** MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 2.212

**Journal in the top 25%:** No

**Position of publication:** 32

**No. of journals in the cat.:** 102

- 75** Bernal, S.; von Schiller, D.; Martí, E.; Sabater, F. In-stream net uptake regulates inorganic nitrogen export from catchments under base flow conditions. *Journal of Geophysical Research*. 117 - 63, (United States of America): Wiley, 2012. Available on-line at: <<https://doi.org/10.1029/2012JG001985>>. ISSN 0148-0227

**DOI:** <https://doi.org/10.1029/2012JG001985>

**Handle:** <http://hdl.handle.net/2445/173215>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 4

**Impact source:** ISI

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Impact index in year of publication:** 3.174

**Journal in the top 25%:** Yes

**Position of publication:** 23

**No. of journals in the cat.:** 172



- 76** Graeber D; Gelbrecht J; Pusch M; Anlanger C; von Schiller D. Agriculture has changed the amount and composition of dissolved organic matter in Central European headwater streams. *Science of the Total Environment*. 438, pp. 435 - 446. (Holland): Elsevier B.V., 2012. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2012.08.087>>. ISSN 0048-9697  
**DOI:** <https://doi.org/10.1016/j.scitotenv.2012.08.087>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 5  
**Impact source:** ISI **Category:** ENVIRONMENTAL SCIENCES  
**Impact index in year of publication:** 3.258 **Journal in the top 25%:** Yes  
**Position of publication:** 31 **No. of journals in the cat.:** 210
- 77** Ribot, M.; Martí, E.; Von Schiller, D.; Sabater, F.; Daims, H.; Battin, T. Nitrogen processing and the role of epilithic biofilms downstream of a wastewater treatment plant. *Freshwater Science*. 31 - 4, pp. 1057 - 1069. (United States of America): The University of Chicago Press, 2012. Available on-line at: <<https://doi.org/10.1899/11-161.1>>. ISSN 2161-9549  
**DOI:** <https://doi.org/10.1899/11-161.1>  
**Handle:** <http://hdl.handle.net/2445/173173>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** **Journal in the top 25%:** No  
**Position of publication:** 136 **No. of journals in the cat.:** 136  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** **Journal in the top 25%:** No  
**Position of publication:** 100 **No. of journals in the cat.:** 100
- 78** Timoner X; Acuña V; von Schiller D; Sabater S. Functional responses of stream biofilms to flow cessation; desiccation and rewetting. *Freshwater Biology*. 57, pp. 1565 - 1578. (United Kingdom): John Wiley & Sons, 2012. Available on-line at: <<https://doi.org/10.1111/j.1365-2427.2012.02818.x>>. ISSN 0046-5070  
**DOI:** <https://doi.org/10.1111/j.1365-2427.2012.02818.x>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 3.933 **Journal in the top 25%:** Yes  
**Position of publication:** 3 **No. of journals in the cat.:** 100
- 79** Steward, A.L.; von Schiller, D.; Tockner, K.; Marshall, J.C.; Bunn, S.E. When the river runs dry: human and ecological values of dry riverbeds. *Frontiers in Ecology and the Environment*. 10, pp. 202 - 209. (United States of America): The Ecological Society of America, 2012. Available on-line at: <<https://doi.org/10.1890/110136>>. ISSN 1540-9295  
**DOI:** <https://doi.org/10.1890/110136>  
**Handle:** <http://hdl.handle.net/2445/173192>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2  
**Total no. authors:** 5





**Impact source:** ISI  
**Impact index in year of publication:** 7.615  
**Position of publication:** 6

**Category:** ECOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 136

**Impact source:** ISI  
**Impact index in year of publication:** 7.615  
**Position of publication:** 3

**Category:** ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 210

- 80** Dieter D; von Schiller D; García-Roger EM; Sánchez-Montoya MM; Gómez R; Mora Gómez J; Sangiorgio F; Gelbrecht J; Tockner K. Preconditioning effects of flow intermittency on leaf litter decomposition. *Aquatic Sciences - Research Across Boundaries*. 73, pp. 599 - 609. (Switzerland): Springer Verlag, 2011. Available on-line at: <<https://doi.org/10.1007/s00027-011-0231-6>>. ISSN 1015-1621

**DOI:** <https://doi.org/10.1007/s00027-011-0231-6>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 9

**Impact source:** ISI  
**Impact index in year of publication:** 2.11  
**Position of publication:** 71

**Category:** ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 203

**Impact source:** ISI  
**Impact index in year of publication:** 2.11  
**Position of publication:** 3

**Category:** LIMNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 19

**Impact source:** ISI  
**Impact index in year of publication:** 2.11  
**Position of publication:** 26

**Category:** MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 97

- 81** von Schiller D; Acuña V; Graeber D; Martí E; Ribot M; Sabater S; Timoner X; Tockner K. Contraction; fragmentation and expansion dynamics determine nutrient availability in a Mediterranean forest stream. *Aquatic Sciences - Research Across Boundaries*. 73, pp. 485 - 497. (Switzerland): Springer Verlag, 2011. Available on-line at: <<https://doi.org/10.1007/s00027-011-0195-6>>. ISSN 1015-1621

**DOI:** <https://doi.org/10.1007/s00027-011-0195-6>

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 8

**Impact source:** ISI  
**Impact index in year of publication:** 2.11  
**Position of publication:** 71

**Category:** ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 203

**Impact source:** ISI  
**Impact index in year of publication:** 2.11  
**Position of publication:** 3

**Category:** LIMNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 19

**Impact source:** ISI  
**Impact index in year of publication:** 2.11  
**Position of publication:** 26

**Category:** MARINE & FRESHWATER BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 97

- 82** von Schiller, D.; Bernal, S.; Martí, E. Technical Note: A comparison of two empirical approaches to estimate in-stream net nutrient uptake. *Biogeosciences*. 8, pp. 875 - 882. (Germany): European Geosciences Union (EGU), 2011. Available on-line at: <<https://doi.org/10.5194/bg-8-875-2011>>. ISSN 1726-4170

**DOI:** <https://doi.org/10.5194/bg-8-875-2011>





**Handle:** <http://hdl.handle.net/2445/173213>

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 3.86

**Position of publication:** 28

**Impact source:** ISI

**Impact index in year of publication:** 3.86

**Position of publication:** 8

**Format:** Journal

**Category:** ECOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 133

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 170

- 83** Ely DT; von Schiller D; Valett HM. Stream acidification increases nitrogen uptake by leaf biofilms: implications at the ecosystem scale. *Freshwater Biology*. 55, pp. 1337 - 1348. (United Kingdom): John Wiley & Sons, 2010. Available on-line at: <<https://doi.org/10.1111/j.1365-2427.2009.02358.x>>. ISSN 0046-5070

**DOI:** <https://doi.org/10.1111/j.1365-2427.2009.02358.x>

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 3.082

**Position of publication:** 8

**Format:** Journal

**Category:** MARINE & FRESHWATER BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 93

- 84** von Schiller, D.; Marti, E.; Riera, J. L. Nitrate retention and removal in Mediterranean streams bordered by contrasting land uses: a N-15 tracer study. *Biogeosciences*. 6 - 2, pp. 181 - 196. (Germany): European Geosciences Union (EGU), 2009. ISSN 1726-4170

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** ISI

**Impact index in year of publication:** 3.246

**Position of publication:** 32

**Format:** Journal

**Category:** ECOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 129

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 155

- 85** Haggerty R; Martí E; Argerich A; von Schiller D; Grimm NB. Resazurin as a 'smart' tracer for quantifying metabolically active transient storage in stream ecosystems. *Journal of Geophysical Research*. 114 - G03014, pp. 1 - 14. (United States of America): Wiley, 2009. ISSN 0148-0227

**DOI:** <https://doi.org/10.1029/2008JG000942>

**Handle:** <http://hdl.handle.net/2445/173291>

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 5

**Impact source:** ISI

**Impact index in year of publication:** 3,082

**Position of publication:** 18

**Format:** Journal

**Category:** GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 155

- 86** Martí, E.; P. Fonollà; D. von Schiller; F. Sabater; A. Argerich; M. Ribot; J.L. Riera. Variation in stream C, N and P uptake along an altitudinal gradient: a space-for-time analogue to assess potential impacts of climate change. *Hydrology Research*. 40, pp. 123 - 137. (United Kingdom): 2009. Available on-line at: <<https://doi.org/10.2166/nh.2009.090>>. ISSN 0029-1277  
**DOI:** <https://doi.org/10.2166/nh.2009.090>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 3  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** WATER RESOURCES  
**Impact index in year of publication:** 0.65 **Journal in the top 25%:** No  
**Position of publication:** 56 **No. of journals in the cat.:** 66
- 87** von Schiller, D.; Martí, E.; Riera, J.L.; Ribot, M.; Marks, J.C.; Sabater, F. Influence of land use on stream ecosystem function in a Mediterranean catchment. *Freshwater Biology*. 53 - 12, pp. 2600 - 2612. (United Kingdom): John Wiley & Sons, 2008. Available on-line at: <<https://doi.org/10.1111/j.1365-2427.2008.02059.x>>. ISSN 0046-5070  
**DOI:** <https://doi.org/10.1111/j.1365-2427.2008.02059.x>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 2.704 **Journal in the top 25%:** Yes  
**Position of publication:** 9 **No. of journals in the cat.:** 87
- 88** von Schiller, D.; Martí, E.; Riera, J.L.; Ribot, M.; Argerich, A.; Fonollà, P.; Sabater, F. Interannual, annual, and seasonal variation in N and P retention in a perennial and an intermittent stream. *Ecosystems*. 11 - 5, pp. 670 - 687. (United States of America): Springer Verlag, 2008. Available on-line at: <<http://DOI:10.1007/s10021-008-9150-3>>. ISSN 1432-9840  
**DOI:** <https://doi.org/10.1007/s10021-008-9150-3>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 7  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** 3.376 **Journal in the top 25%:** Yes  
**Position of publication:** 29 **No. of journals in the cat.:** 124
- 89** Argerich, A.; Martí, E.; Sabater, F.; Ribot, M.; von Schiller, D.; Riera, J.L. Combined effects of leaf litter inputs and a flood on nutrient retention in a Mediterranean mountain stream during fall. *Limnology and Oceanography*. 53 - 2, pp. 631 - 641. (United States of America): American Society of Limnology and Oceanography., 2008. Available on-line at: <<https://doi.org/10.4319/lo.2008.53.2.0631>>. ISSN 0024-3590  
**DOI:** <https://doi.org/10.4319/lo.2008.53.2.0631>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 5  
**Total no. authors:** 6  
**Impact source:** ISI **Category:** LIMNOLOGY  
**Impact index in year of publication:** 3.663 **Journal in the top 25%:** Yes  
**Position of publication:** 1 **No. of journals in the cat.:** 19  
**Impact source:** ISI **Category:** OCEANOGRAPHY  
**Impact index in year of publication:** 3.663 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 50



- 90** von Schiller, D.; Martí, E.; Riera, J.L.; Sabater, F. Effects of nutrients and light on periphyton biomass and nitrogen uptake in Mediterranean streams with contrasting land uses. *Freshwater Biology*. 52 - 5, pp. 891 - 906. (United Kingdom): John Wiley & Sons, 2007. Available on-line at: <<https://doi.org/10.1111/j.1365-2427.2007.01742.x>>. ISSN 0046-5070  
**DOI:** <https://doi.org/10.1111/j.1365-2427.2007.01742.x>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** ISI **Category:** MARINE & FRESHWATER BIOLOGY  
**Impact index in year of publication:** 2.65 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 86
- 91** von Schiller D; Solimini A. Differential effect of preservatives on two common mayfly species. *Archiv für Hydrobiologie*. 164, pp. 325 - 334. (Germany): Schweizerbart, 2005. Available on-line at: <<https://doi.org/10.1127/0003-9136/2005/0164-0325>>. ISSN 0003-9136  
**DOI:** <https://doi.org/10.1127/0003-9136/2005/0164-0325>  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 2  
**Impact source:** ISI **Category:** LIMNOLOGY  
**Impact index in year of publication:** 1.324 **Journal in the top 25%:** No  
**Position of publication:** 6 **No. of journals in the cat.:** 17
- 92** Elosegi A; Atristain M; Larrañaga A; von Schiller D. Los ríos. *Artikutza: naturaleza e historia*. (Spain): Ayuntamiento de San Sebastián, 2019. ISBN 978-84-09-14431-0  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 93** Elosegi A; Feld CK; Mutz M; von Schiller D. Multiple stressors and hydromorphological degradation. Multiple stressors in river ecosystems. Status; impacts and prospects for the future. pp. 65 - 79. (Holland): Elsevier, 2019. Available on-line at: <<https://doi.org/10.1016/B978-0-12-811713-2.00004-2>>. ISBN 978-0-12-811713-2  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 94** von Schiller D; Bernal S; Dahm CN; Martí E. Nutrient and organic matter dynamics in intermittent rivers. *Intermittent Rivers and Ephemeral Streams*. pp. 135 - 160. (United Kingdom): Academic Press, Elsevier, 2017. Available on-line at: <<https://doi.org/10.1016/B978-0-12-803835-2.00006-1>>. ISBN 97-80128038-3-52  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 4
- 95** Acuña V; Aristi I; Aymerich I; Barceló D; Corominas LI; Petrovic M; Poch M; Rodríguez-Mozaz S; von Schiller D; Sabater S; Elosegi A. Ecosystem responses to emerging contaminants: fate and effects of pharmaceuticals in a Mediterranean river. *The Handbook of Environmental Chemistry*. pp. 143 - 158. London(United Kingdom): Springer, 2015. Available on-line at: <[https://doi.org/10.1007/698\\_2015\\_5009](https://doi.org/10.1007/698_2015_5009)>. ISBN 978-3-319-29374-5  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 11



- 96** von Schiller D; Acuña V; Sabater S. Seasonal and permanent streams. Encyclopedia of Natural Resources. Boca Raton(United States of America): CRC Press, 2014. ISBN 978-1439852583  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 3
- 97** Martí, E.; von Schiller, D.; Ribot, M.; Peipoch, M.; Merbt, S.N.; Serra, A.; Sabater, F.Els rierols de muntanya mitja. Atlas dels Ecosistemes dels Països Catalans. pp. 240 - 241. (Spain): Enciclopèdia Catalana, 2013. ISBN 978-84-412-2255-7  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 7
- 98** Brauns M; von Schiller D; Gergs R. Stabile Isotopentechniken und ihre Bedeutung für die gewässerökologische Forschung. Handbuch Angewandte Limnologie-30. pp. 1 - 20. Weinheim(Germany): Wiley-VCH, 2013. Available on-line at: <<https://doi.org/10.1002/9783527678488.hbal2012003>>. ISBN 978-3-527-32131-5  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 3
- 99** Martí, E.; von Schiller, D.; Argerich, A.; Ribot, M.; Sabater, F; Riera, J.L.El batec biogeoquímico de la Riera de Santa Fe del Montseny. VII Monografies del Montseny. pp. 287 - 298. Barcelona(Spain): Diputació de Barcelona. Servei de Parcs Naturals, 2011. Available on-line at: <[http://icta.uab.cat/99\\_recursos/1304079431935.pdf](http://icta.uab.cat/99_recursos/1304079431935.pdf)>. ISBN 978-84-9803-409-7  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 6
- 100** Martí E; Sabater F; Riera JL; Merseburger GC; von Schiller D; Argerich A; Caille F; Fonollá P. Fluvial nutrient dynamics in a humanized landscape: insights from a hierarchical perspective. The ecology of Iberian Inland Waters: Homage to Ramon Margalef. pp. 513 - 526. Barcelona(Spain): Publicacions Universitat de Barcelona, 2006. ISBN 84-921618-7-6  
**Type of production:** Book chapter **Format:** Book  
**Total no. authors:** 8
- 101** Magand C; Alves MH; Calleja E; Datry T; Dörflinger G; England J; Gallart F; Gómez R; Jorda-Capdevila D; Marti E; Munne A; Pastor VA; Stubbington R; Tziortzis I; von Schiller D. Intermittent rivers and ephemeral streams: what water managers need to know. (Switzerland): Zenodo, 2020. Available on-line at: <<http://doi.org/10.5281/zenodo.3888474>>.  
**Type of production:** Scientific book or monograph  
**Total no. authors:** 15
- 102** Acuna, Vicenc; Jorda-Capdevila, Didac; Vezza, Paolo; De Girolamo, Anna Maria; McClain, Michael E.; Stubbington, Rachel; Pastor, Amandine V.; Lamouroux, Nicolas; von Schiller, Daniel; Munne, Antoni; Datry, Thibault. Accounting for flow intermittency in environmental flows design. Journal of Applied Ecology. 57 - 4, pp. 742 - 753. (United Kingdom): Wiley, 2020. ISSN 0021-8901  
**DOI:** <https://doi.org/10.1111/1365-2664.13590>  
**Type of production:** Review **Format:** Journal  
**Position of signature:** 9  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** ECOLOGY  
**Impact index in year of publication:** 6.528 **Journal in the top 25%:** Yes  
**Position of publication:** 14 **No. of journals in the cat.:** 166  
**Impact source:** ISI **Category:** BIODIVERSITY CONSERVATION  
**Impact index in year of publication:** 6.528 **Journal in the top 25%:** Yes

**Position of publication:** 4**No. of journals in the cat.:** 60

- 103** Marcé, R.; Obrador, B.; Gómez-Gener, L.; Catalán, N.; Koschorreck, M.; Arce, M.I.; Singer, G.; von Schiller, D. Emissions from dry inland waters are a blind spot in the global carbon cycle. *Earth-Science Reviews*. 188, pp. 240 - 248. (Holland): Elsevier B.V., 2019. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0012825218301971?via%3Dihub#bbb0280>>. ISSN 0012-8252  
**DOI:** <https://doi.org/10.1016/j.earscirev.2018.11.012>  
**Handle:** <http://hdl.handle.net/2445/133613>  
**Type of production:** Review **Format:** Journal  
**Position of signature:** 8  
**Total no. authors:** 8  
**Impact source:** ISI **Category:** GEOSCIENCES, MULTIDISCIPLINARY  
**Impact index in year of publication:** 9.724 **Journal in the top 25%:** Yes  
**Position of publication:** 2 **No. of journals in the cat.:** 200
- 104** Thibault Datry; Gabriel Singer; Eric Sauquet; Dídac Jorda-Capdevila; Daniel Von Schiller; Rachel Stubbington; Claire Magand; Petr Pařil; Marko Miličević; Vicenç Acuña; Maria Helena Alves; Bénédicte Augéard; Matthias Brunke; Núria Cid; Zoltán Csabai; Judy England; Jochen Froebrich; Phoebe Koundouri; Nicolas Lamouroux; Eugènia Martí; Manuela Morais; Antoni Munné; Michael Mutz; Vladimir Pesic; Ana Previžić; Arnaud Reynaud; Christopher Robinson; Jonathan Sadler; Nikos Skoulikidis; Benoit Terrier; Klement Tockner; David Vesely; Annamaria Zoppini. *Science and Management of Intermittent Rivers and Ephemeral Streams (SMIRES)*. (Bulgaria): Pensoft, 2017. Available on-line at: <<https://doi.org/10.3897/rio.3.e21774>>.  
**Type of production:** Scientific-technical report  
**Total no. authors:** 33
- 105** Datry T; Corti R; Foulquier A; von Schiller D; Tockner K. One for all; all for one: a global river research network. *EOS, Transactions American Geophysical Union*. 97, (United States of America): American Geophysical Union (AGU), 2016. Available on-line at: <<https://doi.org/10.1029/2016EO053587>>. ISSN 0096-3941  
**DOI:** <https://doi.org/10.1029/2016EO053587>  
**Type of production:** Others **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 5
- 106** Claudia Feijoo; Maite Arroita; María Laura Messetta; Julieta Anselmo; Laura Rigacci; Daniel von Schiller. Patterns and controls of carbon dioxide concentration and fluxes at the air-water interface in South American lowland streams. *Aquatic Sciences - Research Across Boundaries*. (Switzerland): Springer Verlag, 2022. ISSN 1015-1621  
**Type of production:** News articles **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6
- 107** Miren Atristain; Aitor Larrañaga; Daniel von Schiller; Arturo Elosegi. Presa handi baten hustuketak eragindako efektu ekologikoak: Enobietako urtegiaren kasua (Artikutza, Nafarroa). *IkerGazte, 2021 Zientziak eta Natura Zientziak*. pp. 257 - 264. (Spain): 2021. Available on-line at: <<https://dx.doi.org/10.26876/ikergazte.iv.05.34>>.  
**Type of production:** Proceedings **Format:** Book  
**Total no. authors:** 4
- 108** von Schiller D. A toolbox for measuring ecosystem functioning in rivers. *Developing European freshwater science and policy: insights from the GLOBAQUA project*. (Germany): 2017. Available on-line at: <<https://freshwaterblog.net/2017/05/08/developing-european-freshwater-science-and-policy-insights-from-the-globaqua-project/>>.  
**Type of production:** Multimedia publications  
**Total no. authors:** 1





- 109** Pozo J; Elosegi A; Basaguren A; Boyero L; Larrañaga A; von Schiller D. Conference on Plant Litter Processing in Freshwaters: 20 years of breakdown. (Spain): Universidad del País Vasco, 2017. ISBN 978-84-9860-638-6  
**Legal deposit:** BI-1024-2017  
**Type of production:** Proceedings **Format:** Book  
**Total no. authors:** 6
- 110** Dieter D; García-Roger EM; Sánchez-Montoya MM; Gómez R; Mora Gómez J; Sangiorgio F; von Schiller D; Gelbrecht J; Tockner K. Effekte periodischen Austrocknens auf die Zersetzung von Laub in temporären Bächen. DGL-Erweiterte Zusammenfassungen der Jahrestagung 2010 (Bayreuth). pp. 187 - 191. Bayreuth(Germany): Deutsche Gesellschaft für Limnologie, 2011. ISBN 978-3-9813095-0-8  
**Type of production:** Proceedings **Format:** Book  
**Total no. authors:** 9

### Works submitted to national or international conferences

- 1** **Title of the work:** Carbon cycling in intermittent inland waters  
**Name of the conference:** Plant Litter Processing in Freshwaters 9  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Braga, Portugal  
**Date of event:** 2022  
**End date:** 2022  
Daniel von Schiller.
- 2** **Title of the work:** Plant litter processing in freshwaters drives multiple environmental consequences of a large dam decommissioning  
**Name of the conference:** Plant Litter Processing in Freshwaters 9  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Braga, Portugal  
**Date of event:** 2022  
**End date:** 2022  
Arturo Elosegi; Miren Atristain; Aitor Larrañaga; Daniel von Schiller.
- 3** **Title of the work:** Multiple stressors boost river metabolism and greenhouse gas emissions  
**Name of the conference:** Plant Litter Processing in Freshwaters 9  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Braga, Portugal  
**Date of event:** 2022  
**End date:** 2022  
Cayetano Gutiérrez-Cánovas; Daniel von Schiller; Giorgio Pace; Anne Sophie Silva; Lluís Gómez-Gener; Cláudia Pascoal.
- 4** **Title of the work:** Presa handi baten hustuketak eragindako efektu ekologikoak: Enobietako urtegiaren kasua (Artikutza, Nafarroa)  
**Name of the conference:** IkerGazte, 2021 Zientziak eta natur zientziak  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Vitoria-Gasteiz, Spain





**Date of event:** 2021

**End date:** 2021

Atristain M; Larrañaga A; von Schiller D; Elosegi A. "http://www.inguma.eus/produkzioa/ikusi/ar-presa-handi-baten-hustuketak-eragindako-efektu-ekologikoak-enobietako-urtegiaren-kasua-artikutza-nafarroa".

**5 Title of the work:** Every path has its puddle: conservation and management of isolated pools

**Name of the conference:** Symposium for European Freshwater Sciences (SEFS 2012)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Ireland

**Date of event:** 2021

**End date:** 2021

Miguel Cañedo-Argüelles; Pau Fortuño; Francesc Gallart; Jérôme Latron; Pilar Llorens; Francesc Múrria; Maria Soria; Dolors Vinyoles; Daniel von Schiller; Núria Cid; Núria Bonada.

**6 Title of the work:** Differential responses of biofilms from perennial and intermittent streams to drying

**Name of the conference:** Symposium for European Freshwater Sciences (SEFS 12)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Ireland

**Date of event:** 2021

**End date:** 2021

Daniel von Schiller; Miren Atristain; Arturo Elosegi; Iratxe Zarraindia; Gabriele Weigelhofer.

**7 Title of the work:** Short-term effects of dam decommissioning on carbon fluxes in a temperate reservoir

**Name of the conference:** Symposium for European Freshwater Sciences (SEFS 12)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Ireland

**Date of event:** 2021

**End date:** 2021

Amani Mabano; Daniel von Schiller; Isabel Suárez; Miren Atristain; Arturo Elosegi; Rafael Marcé; Gonzalo García-Baquero; Biel Obrador.

**8 Title of the work:** Organic-matter decomposition and ecosystem metabolism as tools to assess stream functional integrity

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Ireland

**Date of event:** 2021

**End date:** 2021

Verónica Ferreira; Arturo Elosegi; Scott Tiegs; Daniel von Schiller; Roger Young.

**9 Title of the work:** Invited speaker in Workshop of the European Fresh and Young Researchers

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - invited/keynote talk

**City of event:** Ireland

**Date of event:** 2021

**End date:** 2021

von Schiller, D.

- 10** **Title of the work:** Conservation and management of isolated pools in temporary rivers  
**Name of the conference:** SFS ANNUAL MEETING  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2021  
**End date:** 2021  
Núria Bonada; Miguel Cañedo-Argüelles; Pau Fortuño; Francesc Gallart; Jérôme Latron; Pilar Llorens; Francesc Múrria; Maria Soria; Dolors Vinyoles; Daniel von Schiller; Núria Cid.
- 11** **Title of the work:** Towards an improved understanding of biogeochemical processes across surface-groundwater interactions in intermittent rivers and ephemeral streams  
**Name of the conference:** SFS Annual Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2021  
**End date:** 2021  
Gómez-Gener, L.; Siebers, A.R.; Arce, M.I.; Arnon, S.; Bernal, S.; Bolpagni, R.; Datry, T.; Gionchetta, G.; Grossart, H.P.; Mendoza-Lera, M.; Pohl, V.; Risse Buhl, U.; Shumilova, O.; Tzoraki, O.; von Schiller, D.; Weigand, A.; Weigelhofer, G.; Zak, D.; Zoppini, A.
- 12** **Title of the work:** Drivers of CO2 emissions in open canopy Pampean streams (Argentina)  
**Name of the conference:** Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2020  
**End date:** 2020  
Feijóo, C.S.; Arroita, M.; Anselmo, J.; Messetta, M.L.; Giorgi, A.; Rigacci, L.; von Schiller, D.
- 13** **Title of the work:** Ecological effects of the largest dam decommissioning so far carried out in the Iberian Peninsula: Enobieta Dam (Artikutza, Navarre)  
**Name of the conference:** Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2020  
**End date:** 2020  
Elosegi, A.; Atristain, M.; Larrañaga, A.; von Schiller, D.
- 14** **Title of the work:** Impact of dam decommissioning on carbon greenhouse gas emissions in Enobieta Reservoir (Artikutza, Navarre)  
**Name of the conference:** XX Meeting of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Online Meeting, 26-29 October 2020., Portugal  
**Date of event:** 2020  
**End date:** 2020



**Organising entity:** Asociación Ibérica de Limnología

Mabano, A.; Suárez, I.; Atristain, M.; Elosegi, A.; Marcé, R.; von Schiller, D.; Obrador, B.

- 15** **Title of the work:** Interactive effects of fine sediments and water diversion on biofilm functioning  
**Name of the conference:** Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2020  
**End date:** 2020  
Pérez-Calpe, A.V.; Larrañaga, A.; von Schiller, D.; Elosegi, A.
- 16** **Title of the work:** Interactive effects of water diversion and pollution on stream biological communities  
**Name of the conference:** Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2020  
**End date:** 2020  
de Guzman, I.; Blanco, M.; González, J.M.; Larrañaga, A.; Pérez-Calpe, A.V.; von Schiller, D.; Elosegi, A.
- 17** **Title of the work:** Impact of dam regulation on downstream ecosystem metabolism and on functionality of primary producers  
**Name of the conference:** 13th International Symposium on Ecohydraulics  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** France  
**Date of event:** 2020  
**End date:** 2020  
Hoang, M.; Estévez, E.; Peñas, F.; Goldenberg, A.; von Schiller, D.; Elosegi, A.; Barquín, J.
- 18** **Name of the conference:** 13th International Symposium on Ecohydraulics  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** France  
**Date of event:** 2020  
**End date:** 2020  
von Schiller, D.
- 19** **Title of the work:** Special Session SS6 'Biogeochemistry of the carbon cycle' (Chair of session)  
**Name of the conference:** Iberian and Ibero-American Congress of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Spain  
**Date of event:** 2020  
**End date:** 2020  
von Schiller, D.; Morant, D.; Arce, M.; Camacho, A.; Belenguer, M.
- 20** **Name of the conference:** Final meeting of SMIREs Cost Action  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee



**City of event:** Albania  
**Date of event:** 2020  
**End date:** 2020  
von Schiller, D.

- 21** **Title of the work:** Scientific committee member  
**Name of the conference:** Iberian and Ibero-American Congress of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Murcia, Spain  
**Date of event:** 2020  
**End date:** 2020  
von Schiller, D.
- 22** **Title of the work:** Organització de la sessió especial TS03 - Carbon cycling within and across ecosystems: from land to ocean (Chair of session)  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Barcelona, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Sociedad Ibérica de Ecología - **Type of entity:** Associations  
SIBECOL  
von Schiller, D.; Almagro, M.; Romera-Castilla, C.; Marcé, R.; Obrador, B.
- 23** **Title of the work:** Major role of biogenic carbon fluxes on the net carbon footprint of small hydropower  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2019  
**End date:** 2019  
**Organising entity:** Sociedad Ibérica de Ecología - **Type of entity:** Associations  
SIBECOL  
Obrador, B.; Gubau, M.; von Schiller, D.; Marcé, R.; Gómez-Gener, LI.
- 24** **Title of the work:** Science & and Management of Intermittent Rivers and Ephemeral Streams: a European perspective (Chair of session)  
**Name of the conference:** Symposium of European Freshwater Sciences  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Croatia  
**Date of event:** 2019  
**End date:** 2019  
Datry T; Singer G; Jorda D; Stubbington R; von Schiller D; Sauquet R; Magand C.
- 25** **Title of the work:** Impacto de las minicentrales eléctricas en la estructura y funcionamiento de los ecosistemas fluviales  
**Name of the conference:** XVII Congresso Brasileiro de Limnologia e 2º Congresso Ibero-americano de Limnologia



**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Brazil

**Date of event:** 2019

**End date:** 2019

Elosegi A; Atristain M; de Guzmán I; González JM; Larrañaga A; Pérez-Calpe AV; von Schiller D.

**26 Title of the work:** Emisiones de CO2 en arroyos pampeanos: influencia del metabolismo fluvial y del uso de suelo en la cuenca

**Name of the conference:** X Congreso de Ecología y Manejo de Ecosistemas Acuáticos Pampeanos

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Argentina

**Date of event:** 2019

**End date:** 2019

C Feijoó; M Arroita; ML Messetta; J Anselmo; A Giorgi; D von Schiller.

**27 Title of the work:** Direct and indirect effects of hydraulics on nutrient uptake by biofilms in gravel bed streams

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia

**Date of event:** 2019

**End date:** 2019

Anlanger C; Risse-Buhl U; von Schiller D; Noss C; Weitere M; Lorke A.

**28 Title of the work:** Effects of drought on the self-purification capacity of temperate headwater streams

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia

**Date of event:** 2019

**End date:** 2019

Weigelhoffer G; von Schiller D; Mutz M; Tritthart M.

**29 Title of the work:** Incorporating intermittent rivers and ephemeral streams into global carbon cycle models

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia

**Date of event:** 2019

**End date:** 2019

Datry T; Sarremejane R; Foulquier A; von Schiller D; Tockner K; the 1000IRP team.

**30 Title of the work:** Assessing the effects of a WWTP effluent on stream food webs through stable isotope analysis

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia



**Date of event:** 2019

**End date:** 2019

de Guzmán I; Buceta M; Brauns M; González JM; Larrañaga A; von Schiller D; Elozegi A.

**31 Title of the work:** Consequences of water diversion and its interaction with chemical pollution on river ecosystem functioning

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia

**Date of event:** 2019

**End date:** 2019

Pérez-Calpe AV; González JM; de Guzmán I; Larrañaga A; von Schiller D; Elozegi A.

**32 Title of the work:** Effects of dam decommissioning on stream biodiversity and ecosystem functioning

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia

**Date of event:** 2019

**End date:** 2019

Atristain A; von Schiller D; Larrañaga A; Elozegi A.

**33 Title of the work:** CO<sub>2</sub> emission from lowland streams of the Pampean region (Argentina)

**Name of the conference:** Symposium for European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Croatia

**Date of event:** 2019

**End date:** 2019

Feijóo C; Arroita M; Anselmo J; Messetta ML; Rigacci L; Giorgi A; von Schiller D.

**34 Title of the work:** Heterotrophic regimes in rivers: partitioning sources of ecosystem respiration through a time-series analysis

**Name of the conference:** Society for Freshwater Science Annual Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** United States of America

**Date of event:** 2019

**End date:** 2019

Bertuzzo E; Hotchkiss E; Argerich A; Kominoski J; Oviedo Vargas D; Savoy P; Scarlett R; von Schiller D; Heffernan J.

**35 Title of the work:** Spatial and temporal heterogeneity of nitrogen uptake in gravel bed streams

**Name of the conference:** Jahrestagung 2019 der Deutschen Gesellschaft für Limnologie

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Germany

**Date of event:** 2019

**End date:** 2019

Risse-Buhl U; Anlanger C; Noss C; Lorke A; von Schiller D; Weitere M.





- 36** **Title of the work:** Effects of drying and re-wetting on biofilm processes in temperate headwater streams  
**Name of the conference:** 6th Biennial Symposium of the International Society for River Science  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Vienna, Austria  
**Date of event:** 2019  
**End date:** 2019  
Weigelhoffer G; Ziegler L; Waberer M; Senitzka M; von Schiller D; Mutz M; Tritthart M.
- 37** **Title of the work:** Simulating pulse-flood events in intermittent rivers and ephemeral streams: a global analysis of leached nutrients and organic matter  
**Name of the conference:** 35th Annual Meeting of the German Association of Limnology (DGL)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Germany  
**Date of event:** 2019  
**End date:** 2019  
O Shumilova; D Zak; T Datry; D von Schiller; A Foulquier; R Corti; K Tockner; C Zarfl; 1000 Intermittent Rivers Project Team.
- 38** **Title of the work:** Assessment of the effect of WWTP effluents on the resistome of streambed bacterial communities by means of a manipulative pollution experiment  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society & XIV AEET Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2019  
**End date:** 2019  
Borrego C; Sánchez-Melsió A; Turon A; Pereda O; Solagaistua L; Larrañaga A; von Schiller D; Elosegui A.
- 39** **Title of the work:** DESEMBALSE project: last days of a dam creating a barrier on community and population structure  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society & XIV AEET Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2019  
**End date:** 2019  
Larrañaga A; Achurra A; Atristain M; Blanchet S; de Guzmán I; Prunier J; Velayos G; von Schiller D; Elosegui A.
- 40** **Title of the work:** Effects of desiccation on the self-purification capacity of headwater streams  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society & XIV AEET Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2019  
**End date:** 2019  
Weigelhofer G; von Schiller D; Mutz M; Tritthart M.



- 41** **Title of the work:** Assessing the environmental effects of WWTP effluents by means of ecosystem-level manipulation  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society & XIV AEET Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2019  
**End date:** 2019  
Elosegi A; Atristain M; Barrado M; de Guzmán I; González JM; Larrañaga A; Pereda O; Pérez-Calpe V; Solagaistua L; von Schiller D.
- 42** **Title of the work:** Assessing the effects of a wastewater treatment plant (WWTP) effluent on stream food webs through stable isotope analysis  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society & XIV AEET Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2019  
**End date:** 2019  
De Guzmán I; Buceta M; Brauns M; González JM; Larrañaga A; von Schiller D; Elosegi A.
- 43** **Title of the work:** Trait-based and process-based approaches  
**Name of the conference:** Workshop EU Cost Action SMIRES, Nitra, Slovakia  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Slovakia  
**Date of event:** 2019  
**End date:** 2019  
von Schiller D; Stubbington R.
- 44** **Title of the work:** Modelling carbon processing in intermittent river networks  
**Name of the conference:** Workshop EU Cost Action SMIRES, Berlin, Germany  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Germany  
**Date of event:** 2019  
**End date:** 2019  
von Schiller D; Singer G.
- 45** **Title of the work:** The ecology and biogeochemistry of intermittent streams: an aquatic-terrestrial perspective.  
**Name of the conference:** 1st Meeting of the Iberian Ecological Society & XIV AEET Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2019  
**End date:** 2019  
von Schiller, D.



- 46** **Title of the work:** Flow variability affects multi-trophic levels of fluvial biofilms: within and across microbial groups effects  
**Name of the conference:** 15th meeting of the Israeli Association of Aquatic Sciences  
**Type of event:** Conference  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Israel  
**Date of event:** 2019  
**End date:** 2019  
Risse-Buhl U; Anlanger C; Chatzinotas A; Noss C; Lorke A; von Schiller D; Weitere M.
- 47** **Title of the work:** When size matters: net carbon footprint of hydropower is highly impacted by in-reservoir carbon fluxes  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Coimbra, Portugal  
**Date of event:** 2018  
**End date:** 2018  
**Organising entity:** Asociación Ibérica de Limnología  
Obrador, B.; Gubau, M.; von Schiller, D.; Marcé, R.; Gómez-Gener, LI.
- 48** **Title of the work:** Pulsed release of nutrients and organic matter during simulated rewetting events in intermittent rivers and ephemeral streams: a global analysis  
**Name of the conference:** SIL 2018  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Nanjing, China  
**Date of event:** 2018  
**End date:** 2018  
**Organising entity:** International Society of Limnology  
Shumilova, O.; Zak, D.; Datry, T.; von Schiller, D.; Corti, R.; Foulquier, A.; Obrador, B.; Tockner, K.; Zarfl, C.
- 49** **Title of the work:** Composition vs environmental conditions: what drives dissolved organic matter degradation?  
**Name of the conference:** ASLO 2018 Summer Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Victoria, British Columbia, Canada  
**Date of event:** 2018  
**End date:** 2018  
**Organising entity:** ASSOCIATION FOR THE SCIENCES OF LIMNOLOGY AND OCEANOGRAPHY (ASLO). **Type of entity:** Associations  
Catalán, N.; Pastor, A.; Borrego, C.; Casas-Ruiz, J.; Hawkes, J.; Gutiérrez, C.; von Schiller, D.; Obrador, B.; Marcé, R.
- 50** **Title of the work:** Global drying of lakes and the fate of sedimentary carbon  
**Name of the conference:** ASLO 2018 Summer Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Victoria, British Columbia, Canada  
**Date of event:** 2018



**End date:** 2018

**Organising entity:** ASSOCIATION FOR THE SCIENCES OF LIMNOLOGY AND OCEANOGRAPHY (ASLO).

**Type of entity:** Associations

Marcé, R.; Light, T.; Catalán, N.; Obrador, B.; Gómez-Gener, L.; Koschorreck, M.; Borrego, C.; Arce, M.; Singer, G.; von Schiller, D.

- 51** **Title of the work:** Ecology and management of temporary freshwater systems (Chair of session)  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology, Coimbra, Portugal  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Datry T; Barbosa L; von Schiller D.
- 52** **Title of the work:** A global perspective on carbon dynamics in intermittent rivers and ephemeral streams  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Datry T; Corti R; von Schiller D; Foulquier A; Shumilova O; Tockner K.
- 53** **Title of the work:** DIVERSION: Multi-scale consequences of water diversion and its interaction with pollution on river ecosystems  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Pérez-Calpe AV; González JM; Guzman I; Larrañaga A; von Schiller D; Elosegi A.
- 54** **Title of the work:** Preconditioning of leaves during the dry period alters ecosystem functioning in intermittent streams upon rewetting: an in-situ BACI experiment  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
del Campo R; Guerrero M; Freixinos Z; Guerrero C; Martí E; von Schiller D; Gómez R.
- 55** **Title of the work:** Effects of agro-industrial pollution on biota and ecosystem functioning in an intermittent river (Evrotas; Greece)  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal



**Date of event:** 2018

**End date:** 2018

Smeti E; von Schiller D; Lashou S; Vardakas L; Tornés E; Theodoropoulos C; Vourka A; Andriopoulou A; Koutsodimou M; Anastasopoulou E; Karaouzas I; Sabater S; Elosegi A; Skoulikidis NT, Kalogianni E.

- 56** **Title of the work:** Metacommunity dynamics of grounddwelling arthropods in intermittent streams over the drying phase  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Sánchez-Montoya MM; Ruhí AA; von Schiller D; Miñano J; Catarinau C; Lencia JL; Barberá GG; Tockner K.
- 57** **Title of the work:** Contribution of hydrologic opportunity and biogeochemical reactivity to the variability of nutrient retention in river networks  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Marcé R; von Schiller D; Aguilera R; Martí E; Bernal S.
- 58** **Title of the work:** DESEMBALSE: effects of decommissioning a large reservoir (Enobieta; Navarre; Iberian Peninsula) on stream biodiversity and ecosystem functioning  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Atristain M; Larrañaga A; von Schiller D; Elosegi A.
- 59** **Title of the work:** Effects of waste water treatment plant (WWTP) effluents on stream ecosystem functioning: insights into the Subsidy-Stress hypothesis  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
Pereda O; Acuña V; Casellas M; Romero F; Sabater L; von Schiller D; Sabater S; Elosegi A.
- 60** **Title of the work:** Polluting a stream for the sake of science: an ecosystem manipulation experiment on the ecological effects of WWTP effluents  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal



**Date of event:** 2018

**End date:** 2018

von Schiller D; Atristain M; Barrado M; Guzmán I; González JG; Larrañaga A; Pereda O; Pérez-Calpe AV; Solagaistua L; Elosegi A.

- 61 Title of the work:** Effects of wastewater treatment plant effluent on the detrital pathway  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
 De Guzman I; Solagaistua L; Barrado M; Larrañaga A; von Schiller D; Elosegi A.

- 62 Title of the work:** AGRHYDROM. A timely look at effects of agriculture on fluvial DOM: the role of hydrology  
**Name of the conference:** XIX Conference of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Portugal  
**Date of event:** 2018  
**End date:** 2018  
 Del Campo R; Abril M; von Schiller D; Estévez E.

- 63 Title of the work:** Polluting a stream for the sake of science: a BACI experiment on the ecological effects of WWTP effluents  
**Name of the conference:** Society for Freshwater Science Annual Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2018  
**End date:** 2018  
 Elosegi A; Atristain M; Barrado M; de Guzmán I; González JM; Larrañaga A; Pereda O; Pérez-Calpe V; Solagaistua L; von Schiller D.

- 64 Title of the work:** Ecosystem-level manipulation reveals subtle effects of WWTP effluents on river ecosystems  
**Name of the conference:** International Conference on Managing Water Scarcity in River Basins: Innovation and Sustainable Development  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Morocco  
**Date of event:** 2018  
**End date:** 2018  
 Elosegi A; Atristain M; Barrado M; de Guzmán I; González JM; Larrañaga A; Pereda O; Pérez-Calpe V; Solagaistua L; von Schiller D.

- 65 Title of the work:** Zientziaren kontraesanak: erreka bat kutsatzen araztegien isurketen efektuak aztertzeko  
**Name of the conference:** NZ3T. Natur Zientzien III. Topaketa: Sinbiosian  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Spain





**Date of event:** 2018

**End date:** 2018

Pereda O; Solagaistua L; Atristain M; de Guzmán I; Larrañaga A; von Schiller D; Elozegi A.

- 66** **Title of the work:** Aquanet meeting & Groundwater-surface water interactions  
**Name of the conference:** Workshop EU Cost Action SMIRES, Budva, Montenegro  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Montenegro  
**Date of event:** 2018  
**End date:** 2018  
von Schiller D; Zoppini A.
- 67** **Title of the work:** Comité científico  
**Name of the conference:** 8º Congreso Argentino de Limnología  
**Type of event:** Conference  
**Type of participation:** Organizing committee  
**City of event:** Argentina  
**Date of event:** 2018  
**End date:** 2018  
von Schiller D.
- 68** **Title of the work:** Output of GLOBAQUA WP7 ECOSYSTEM: Incorporating ecosystem functioning into river monitoring and assessment  
**Name of the conference:** GLOBAQUA Final Conference: Water river management under water scarcity and multiple stressors  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2018  
**End date:** 2018  
Elozegi A; von Schiller D; Acuña V; Aristi I; Arroita M; Basaguren A; Bellin A; Boyero L; Butturini A; Ginebreda A; Kalogianni E; Larrañaga A; Majone B; Martínez A; Monroy S; Muñoz I; Paunovic M; Pereda O; Petrovic M; Pozo J; Rodríguez-Mozaz S; Rivas D; Sabater S; Sabater F; Skoulikidis N; Smeti E; Solagaistua L; Vardakas L.
- 69** **Title of the work:** Towards a universal microbial inoculum for dissolved organic carbon degradation experiments  
**Name of the conference:** European Geosciences Union General Assembly EGU2017  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 2017  
**End date:** 2017  
**Organising entity:** European Geosciences Union (EGU)  
Pastor, A.; Catalan, N.; Gutiérrez, C.; Nagar, N.; Casas-Ruiz, J.P.; Obrador, B.; von Schiller, D.; Sabater, S.; Petrovic, M.; Borrego, C.; Marcé, R.
- 70** **Title of the work:** DRYFLUX - Quantifying CO2 emissions from dry sediments  
**Name of the conference:** 19th Meeting of the Global Lake Ecological Observatory Network (GLEON19)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster



**City of event:** New Paltz, NJ, United States of America

**Date of event:** 2017

**End date:** 2017

**Organising entity:** Global Lake Ecological  
Observatory Network (GLEON)

**Type of entity:** University

Keller, P.; Arce, M.; Barros, N.; del Campo, R.; Catalan, N.; Datry, T.; Elosegi, A.; Feijóo, C.; Flaim, G.; Frassl, M.; Gómez, R.; Gómez-Gener, L.; Karakaya, N.; Koschorreck, M.; Kosten, S.; Laas, A.; Mendoza-Lera, C.; Obertegger, U.; Obrador, B.; Pastor, A.; Onandia, G.; Reverey, F.; Riis, T.; Rööm, E.; Sánchez-Montoya, M.; von Schiller, D.; Zhang, Qi.; Marcé, R.

- 71** **Title of the work:** Leaf litter breakdown as a tool for managers (Chair of session)  
**Name of the conference:** 8th Conference on Plant Litter Processing in Freshwaters (PLPF)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Spain  
**Date of event:** 2017  
**End date:** 2017  
von Schiller D.
- 72** **Title of the work:** Science and management of intermittent rivers and ephemeral streams: a European perspective (Chair of session)  
**Name of the conference:** 10th Symposium of European Freshwater Sciences  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Czech Republic  
**Date of event:** 2017  
**End date:** 2017  
Datry T; von Schiller D; Singer G; Acuña V; Stubbington R; Sauquet E.
- 73** **Title of the work:** Simulating the effects of first flush events in dry rivers worldwide on the pulsed release of nutrients and organic matter  
**Name of the conference:** Symposium of European Freshwater Sciences  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Czech Republic  
**Date of event:** 2017  
**End date:** 2017  
Shumilova O; Datry T; von Schiller D; Corti R; Zak D; Tockner K; Zarfl C.
- 74** **Title of the work:** Science and management of intermittent rivers and ephemeral streams (SMIRES)  
**Name of the conference:** Symposium of European Freshwater Sciences  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Czech Republic  
**Date of event:** 2017  
**End date:** 2017  
Datry T; Singer G; von Schiller D; Acuña V; Stubbington R.
- 75** **Title of the work:** Global perspective of particulate organic matter dynamics in intermittent rivers and ephemeral streams  
**Name of the conference:** Symposium of European Freshwater Sciences  
**Type of event:** Conference **Geographical area:** International



**Type of participation:** Participatory - oral communication

**City of event:** Czech Republic

**Date of event:** 2017

**End date:** 2017

Datry T; Corti R; Foulquier A; Mendoza-Lera C; von Schiller D; Tockner K; the 1000IRP team.

**76 Title of the work:** Effects of waste water treatment plant effluents on stream ecosystem functioning

**Name of the conference:** Plant Litter Processing in Freshwaters (PLPF8)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2017

**End date:** 2017

Pereda O; Acuña V; Casellas M; Romero F; von Schiller D; Sabater S; Elozegi A.

**77 Title of the work:** Kutsadura urbanoaren eta ur-eskasiaren arteko elkarreragina erreken funtzionamenduan

**Name of the conference:** IkerGazte 2017

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2017

**End date:** 2017

Pereda O; von Schiller D; Acuña V; René-Mor J; Muñoz I; Sabater S; Elozegi A.

**78 Title of the work:** Variation of the microbial community diversity and its link with ecosystem functioning under experimental desiccation in streambed sediments

**Name of the conference:** Symposium of European Freshwater Sciences

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Czech Republic

**Date of event:** 2017

**End date:** 2017

Arce MI; Bengtsson M; Urich T; von Schiller D; Singer G.

**79 Title of the work:** Modelling and upscaling biogeochemical processes in intermittent rivers and ephemeral streams

**Name of the conference:** Workshop EU Cost Action SMIREs, Pécs, Hungary

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Organizing committee

**City of event:** Hungary

**Date of event:** 2017

**End date:** 2017

von Schiller D; Zoppini A; Singer G.

**80 Title of the work:** Knowledge on intermittent river functioning and the influence of flow regime

**Name of the conference:** Workshop EU Cost Action SMIREs, Lyon, France

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Organizing committee

**City of event:** France

**Date of event:** 2017

**End date:** 2017



von Schiller D.

- 81** **Title of the work:** Are dry riverbeds and soils different?  
**Name of the conference:** Workshop EU Cost Action SMIRES, Évora, Portuga  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Portugal  
**Date of event:** 2017  
**End date:** 2017  
von Schiller D; Zoppini A.
- 82** **Name of the conference:** 8th Conference on Plant Litter Processing in Freshwaters (PLPF), Bilbao, Spain  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Spain  
**Date of event:** 2017  
**End date:** 2017  
Pozo J; Elosegi A; Larrañaga A; Boyero L; Basaguren A; von Schiller D.
- 83** **Title of the work:** Litter breakdown as a tool for managers  
**Name of the conference:** Plant Litter Processing in Freshwaters (PLPF8)  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - invited/keynote talk  
**City of event:** Spain  
**Date of event:** 2017  
**End date:** 2017  
von Schiller D.
- 84** **Title of the work:** A tale of pipes and reactors: controls on the in-stream dynamics of dissolved organic matter in rivers  
**Name of the conference:** XVIII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Tortosa, Spain  
**Date of event:** 2016  
**End date:** 2016  
**Organising entity:** Asociación Ibérica de Limnología  
Casas-Ruiz, J.; Catalán, N.; Gómez-Gener, L.; von Schiller, D.; Obrador, B.; Kothawala, D.; Lopez, P.; Sabater, S.; Marce, R.
- 85** **Title of the work:** Limnology without water: relevance of carbon emissions from dry watercourses  
**Name of the conference:** XVIII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Tortosa, Spain  
**Date of event:** 2016  
**End date:** 2016  
**Organising entity:** Asociación Ibérica de Limnología  
Gómez-Gener, L.; Obrador, B.; Marce, R.; Casas-Ruiz, J.; Acuña, V.; Catalán, N; Koschorreck, M.; Sabater, S.; Muñoz, I.; von Schiller, D.



- 86** **Title of the work:** Accounting for the effects of combined stressors on the biological structure of Mediterranean streams  
**Name of the conference:** Society for Freshwater Science  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Sacramento, United States of America  
**Date of event:** 2016  
**End date:** 2016  
Sergi Sabater; Vicenç Acuña; Ladislav Mandaric; Jordi-René Mor; Isabel Muñoz; Olatz Pereda; Mira Petrovic; Daniel von Schiller; Arturo Elosegi.
- 87** **Title of the work:** Subsidy-stress under multiple stressors: Interaction between water scarcity and point-source pollution on stream communities and ecosystem functioning  
**Name of the conference:** Society for freshwater science  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Sacramento, United States of America  
**Date of event:** 2016  
**End date:** 2016  
Arturo Elosegi; Olatz Pereda; Daniel von Schiller; Vicenç Acuña; Jordi René Mor; Isabel Muñoz; Mira Petrovic; Sergi Sabater.
- 88** **Title of the work:** Hydrological contraction and expansion dynamics drive carbon emissions from a Mediterranean fluvial network  
**Name of the conference:** SIL 2016  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Torino, Italy  
**Date of event:** 2016  
**End date:** 2016  
**Organising entity:** International Society of Limnology  
Gómez-Gener, L.; Obrador, B.; von Schiller, D.; Marcé, R.; Casas-Ruiz, J.; Catalán, N.; Acuña, V.; Koschorreck, M.; Proia, L.; Arroita, M.; Staehr, P.A.; Sabater, S.; Muñoz, I.
- 89** **Title of the work:** Severity of flow intermittency drives changes in sediment organic matter and microbial functioning: a stream mesocosm study  
**Name of the conference:** Limnologia 2016, XVIII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Tortosa, Spain  
**Date of event:** 2016  
**End date:** 2016  
**Organising entity:** Asociación Ibérica de Limnología  
Muñoz, I.; Abril, M.; Acuña, V.; Casas, J.P.; Casellas, M.; Gómez, L.I.; Marcé, R.; Menéndez, M.; Obrador, B.; von Schiller, D.; Sabater, S."Book of abstracts".
- 90** **Title of the work:** A tale of pipes and reactors: controls on the processing of dissolved organic matter in rivers  
**Name of the conference:** 2016 ASLO Summer Meeting  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Santa Fe, New Mexico, United States of America



**Date of event:** 2016

**End date:** 2016

**Organising entity:** ASSOCIATION FOR THE SCIENCES OF LIMNOLOGY AND OCEANOGRAPHY (ASLO).

**Type of entity:** Associations

Casas-Ruiz, J. P.; Catalán, N.; Gómez-Gener, L.; von Schiller, D.; Obrador, B.; Kothawala, D. N.; López, P.; Sabater, S.; Marcé, R.

**91 Title of the work:** Assessing the interactive effects of urban pollution and water scarcity on the functioning of mediterranean stream ecosystems

**Name of the conference:** 10 SEFS

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Olomouc, Czech Republic

**Date of event:** 2016

**End date:** 2016

Pereda, O.; von Schiller, D.; Acuña, V.; Mor, J.R.; Muñoz, I.; Sabater, S.; Elosegi, A.

**92 Title of the work:** A global perspective of carbon dioxide emissions from intermittent rivers and ephemeral streams: insights from the 1000 Intermittent Rivers Project

**Name of the conference:** NET-SCARCE International Conference

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Barcelona, Spain

**Date of event:** 2016

**End date:** 2016

**Organising entity:** IDAEA-CSIC

**Type of entity:** University

von Schiller, D.; Elosegi, A.; Marcé, R.; Obrador, B.; Pereda, O.; Etxeberria, Y.; Datry, T.; Cortí, R.; Foulquier, A.; Tockner, K.; 1000IRP team.

**93 Title of the work:** Pulsed release of nutrients from organic matter accumulated in intermittent rivers: a global comparison

**Name of the conference:** XXXIII Congress of the International Society of Limnology (SIL)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Italy

**Date of event:** 2016

**End date:** 2016

Shumilova O; Datry T; Gelbrecht J; von Schiller D; Foulquier A; Corti R; Tockner K; Zak D; Zarfl C.

**94 Title of the work:** The Globaqua toolbox: a comprehensive compilation of methods to measure river ecosystem functioning

**Name of the conference:** Meeting of the Iberian Association of Limnology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2016

**End date:** 2016

von Schiller D; Elosegi A.





- 95** **Title of the work:** Flow intermittence gradients alter the composition; structure and biological traits of aquatic invertebrates in undisturbed Mediterranean streams  
**Name of the conference:** Meeting of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2016  
**End date:** 2016  
Sánchez-Montoya M; von Schiller D; Díaz A; Barberá G; Arce MI; Campo R; Tockner K.
- 96** **Title of the work:** Interactive effects of pollution and water scarcity on river ecosystem processes  
**Name of the conference:** Meeting of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2016  
**End date:** 2016  
Pereda O; von Schiller D; Acuña V; Rene-Mor J; Muñoz I; Sabater S; Elozegi A.
- 97** **Title of the work:** Peak release of nutrients and organic matter during first flush events in intermittent rivers  
**Name of the conference:** Annual Meeting of the German Society of Limnology and the SIL Austria  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Austria  
**Date of event:** 2016  
**End date:** 2016  
Shumilova O; Datry T; Gelbrecht J; von Schiller D; Foulquier A; Corti R; Tockner K; Zarfl C; Zak D.
- 98** **Title of the work:** Interaction between flow intermittence and pollution on stream ecosystem functioning  
**Name of the conference:** 1st GLOBAQUA International Conference: Managing the Effects of Multiple Stressors on Aquatic Ecosystems Under Water Scarcity  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Germany  
**Date of event:** 2016  
**End date:** 2016  
Pereda O; von Schiller D; Acuña V; Rene-Mor J; Sabater S; Elozegi A.
- 99** **Title of the work:** La caja de herramientas Globaqua: una recopilación de métodos para medir el funcionamiento de los ecosistemas fluviales  
**Name of the conference:** 1er Congreso Iberoamericano de Limnología (CIL-2016) - XIII Congreso Sociedad Chilena de Limnología  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Chile  
**Date of event:** 2016  
**End date:** 2016  
Elozegi A; von Schiller D.



- 100** **Title of the work:** The GLOBAQUA tool-box to assess river ecosystem functioning  
**Name of the conference:** 1st GLOBAQUA International Conference: Managing the Effects Of Multiple Stressors On Aquatic Ecosystems Under Water Scarcity  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster'  
**City of event:** Germany  
**Date of event:** 2016  
**End date:** 2016  
von Schiller D; Pereda O; Larrañaga A; Arroita M; Pozo J; Solagaistua L; Muñoz I; Acuña V; Sabater F; Sabater S; Butturini A; Ginebreda A; Rivas D; Bellin A; Majone B; Sacchi A; Paunovic M; Skoulikidis N; Kalogianni E; Vardakas L; Elozegi A.
- 101** **Title of the work:** Kick-off workshop of Biogeochemistry Working Group  
**Name of the conference:** Workshop EU Cost Action SMIRES, Lyon, France  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** France  
**Date of event:** 2016  
**End date:** 2016  
von Schiller D; Zoppini A.
- 102** **Title of the work:** Workshop 'Biogeochemistry of drying lentic waterbodies'  
**Name of the conference:** Workshop 'Biogeochemistry of drying lentic waterbodies'  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Organizing committee  
**City of event:** Germany  
**Date of event:** 2016  
**End date:** 2016  
Marcé R; Koschorreck M; von Schiller D; Obrador B.
- 103** **Title of the work:** Freshwaters in the Sun: how drying and damming shape carbon cycling along Mediterranean river networks  
**Name of the conference:** Symposium for European Freshwater Sciences 2015  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Geneva, Switzerland  
**Date of event:** 2015  
**End date:** 2015  
**Organising entity:** European Federation for Freshwater Sciences **Type of entity:** Associations  
Marcé, R.; Obrador, B.; Abril, M.; Acuña, V.; Casas, J.P.; Catalán, N.; Gómez-Gener, L.; Koschorreck, M.; López, M.; Menéndez, M.; Proia, L.; von Schiller, D.; Tittel, J.; Muñoz, I.; Sabater, S.
- 104** **Title of the work:** Hot spots of carbon emissions from mediterranean fluvial networks during seasonal drought  
**Name of the conference:** ASLO. Asociation of Limnology and Ocenaogrpahy  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Granada, Spain  
**Date of event:** 2015  
**End date:** 2015  
**Type of entity:** Associations



**Organising entity:** ASSOCIATION FOR THE SCIENCES OF LIMNOLOGY AND OCEANOGRAPHY (ASLO).

Gómez, L.; von Schiller, D.; Obrador, B.; Marcé, R.; Casas, J.P.; Proia, L.; Catalán, N.; Acuña, V.; Sabater, S.; Muñoz, I. Koschorreck, M.

**105 Title of the work:** When water vanishes: carbon dioxide emissions from dry watercourses

**Name of the conference:** ASLO: Asociation of Limnology and Ocenaography

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Granada, Spain

**Date of event:** 2015

**End date:** 2015

von Schiller, D.; Gómez-Gener, L.; Acuña, V.; Casas-Ruiz, J.P.; Koschorreck, M.; Marcé, R.; Obrador, B.; Muñoz, I.; Sabater, S.

**106 Title of the work:** Microbial uptake and trophic transfer of carbon and nitrogen in a Mediterranean forested stream

**Name of the conference:** ASLO Aquatic Sciences Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Granada, Spain

**Date of event:** 2015

**End date:** 2015

Abril, M.; Bastias, E.; von Schiller, D.; Martí, E.; Sabater, F., Sabater, S.; Menéndez, M.; Muñoz, I."Book of Abstracts".

**107 Title of the work:** CO<sub>2</sub> and CH<sub>4</sub> fluxes reveal strong aquatic-terrestrial interactions in temporary ponds

**Name of the conference:** 2015 ASLO Aquatic Sciences Meeting

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Granada, Spain

**Date of event:** 2015

**End date:** 2015

**Organising entity:** ASSOCIATION FOR THE SCIENCES OF LIMNOLOGY AND OCEANOGRAPHY (ASLO).

**Type of entity:** Associations

Obrador, B.; von Schiller, D; Marcé, R; Gómez-Gener, LI.; Koschorreck, M.; Catalán, N.

**108 Title of the work:** Dissolved organic matter composition and use across the heterogeneous habitats of a temporary river during seasonal drought

**Name of the conference:** 2015 Aquatic Sciences Meeting: Aquatic Sciences: Global And Regional Perspectives North Meets South

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Granada, Spain

**Date of event:** 2015

**End date:** 2015

**Organising entity:** ASSOCIATION FOR THE SCIENCES OF LIMNOLOGY AND OCEANOGRAPHY (ASLO).

**Type of entity:** Associations



Casas-Ruiz, J. P.; Tittel, J.; Marcé, R.; von Schiller, D.; Catalán, N.; Obrador, B.; Gómez-Gener, L.; Zwirnmann, E.; López, P.; Muñoz, I.; Sabater, S.

- 109** **Title of the work:** Tracing the microbial uptake and trophic transfer of carbon and nitrogen in a Mediterranean forested stream using stable isotopes  
**Name of the conference:** IV Congreso Ibérico de Ecología (Coimbra, Portugal). Junio 2015  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Coimbra (Portugal), Portugal  
**Date of event:** 2015  
**End date:** 2015  
Abril M; Bastias E; von Schiller D; Martí E; Sabater F; Sabater S; Menéndez M; Muñoz I."Book of Abstracts".
- 110** **Title of the work:** Spatial variability of carbon emissions along a Mediterranean river network during summer drought  
**Name of the conference:** XVII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Santander, Spain  
**Date of event:** 2014  
**End date:** 2014  
**Organising entity:** Asociación Ibérica de Limnología  
Gómez, LI.; Obrador, B.; von Schiller, D.; Marcé, R.; Casas, J.P.; Acuña, V.; Muñoz, I.; Koschorreck, M.
- 111** **Title of the work:** Biodegradation dynamics of dissolved organic matter: the role of origin and residence time  
**Name of the conference:** XVII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Santander, Spain  
**Date of event:** 2014  
**End date:** 2014  
**Organising entity:** Asociación Ibérica de Limnología  
Catalán, N.; von Schiller, D.; Zwirnmann, E.; Proia, L.; Casas, J.P.; Obrador, B.; Marcé, R.
- 112** **Title of the work:** Dissolved organic matter composition and use in the heterogeneous habitats of a temporary river during seasonal drought  
**Name of the conference:** XVII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Santander, Spain  
**Date of event:** 2014  
**End date:** 2014  
**Organising entity:** Asociación Ibérica de Limnología  
Casas, J.P.; Tittel, J.; von Schiller, D.; Catalán, N.; Obrador, B.; Gómez-Gener, LI.; Proia, L.; Abril, M.; Zwirnmann, E.; Sabater, S.; López, P.; Marcé, R.
- 113** **Title of the work:** Carbon dioxide emissions from Mediterranean temporary ponds  
**Name of the conference:** XVII Congress of the Iberian Association of Limnology  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication



**City of event:** Santander, Spain

**Date of event:** 2014

**End date:** 2014

**Organising entity:** Asociación Ibérica de Limnología

Obrador, B.; Gomez-Gener, Ll.; Koschorreck, M.; Marcé, R.; von Schiller, D.; Catalán, N.

**114 Title of the work:** Hot spots of greenhouse gas emissions from a Mediterranean river network during drought

**Name of the conference:** Annual Meeting of the German Society of Limnology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Magdeburg, Germany

**Date of event:** 2014

**End date:** 2014

Koschorreck, M.; Gómez-Gener, Ll.; Obrador, B.; Marcé, R.; Casas, J.P.; von Schiller, D.

**115 Title of the work:** Spatial variability of CO<sub>2</sub> and CH<sub>4</sub> emissions along Mediterranean river networks during summer drought

**Name of the conference:** Jornada del Clúster Català de Recerca de l'Aigua

**Type of event:** Conference

**Type of participation:** Participatory - poster

**City of event:** Girona, Spain

**Date of event:** 2014

**End date:** 2014

Gómez-Gener, Ll.; Obrador, B.; von Schiller, D.; Marcé, R.; Casas, J.P.; Proia, L.; Acuña, V.; Catalán, N.; Muñoz, I.; Koschorreck, M.

**116 Title of the work:** Hydrological extremes and the biogeochemical heartbeat of Mediterranean temporary streams

**Name of the conference:** 8th Symposium for European Freshwater Sciences (SEFS8)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Münster, Germany

**Date of event:** 2013

**End date:** 2013

Bernal, S.; von Schiller; Sabater, F; Martí, E.

**117 Title of the work:** Nitrate or ammonium? Periphyton responses to different N species.

**Name of the conference:** 8th Symposium for European Freshwater Sciences. Münster.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Germany

**Date of event:** 2013

**End date:** 2013

Ribot, M.; D. von Schiller; F. Sabater; E. Martí.

**118 Title of the work:** Participació en la organització de la sessió especial: "Integrating temporary rivers into river ecology and management"

**Name of the conference:** SEFS8 meeting (European Federation for Freshwater Sciences)

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Organizing committee



**City of event:** Münster, Germany

**Date of event:** 2013

**End date:** 2013

Datry, T.; Tockner, K.; Bonada, N.; von Schiller, D.; Meyer, E.

**119 Title of the work:** Nitrogen uptake kinetics of stream biofilms in response to increased availability of ammonium and nitrate.

**Name of the conference:** XVIth Congress of the Iberian Society of Limnology. .

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Guimarães, Portugal

**Date of event:** 2012

**End date:** 2012

Ribot; M.; D. von Schiller; F. Sabater; N.B. Grimm; E. Martí.

**120 Title of the work:** Combining empirical and modelling approaches for assessing the potential of in-stream net uptake to regulate inorganic nitrogen export from catchments

**Name of the conference:** European Geosciences Union General Assembly

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** Viena, Austria

**Date of event:** 2012

**End date:** 2012

Bernal; S.; D. von Schiller; E. Martí; F. Sabater.

**121 Title of the work:** Fourteen years of hidro-biogeochemical and ecological monitoring in a Mediterranean catchment. Its past, present and fragile future.

**Name of the conference:** 14th Biennial Conference on Euromediterranean Network of Experimental and Representative Basins. .

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** St.Petersburg, Russia

**Date of event:** 2012

**End date:** 2012

Butturini A.; V. Acuña; J. Artigas; S. Bernal; E. Ejarque; A. Gaudes; I. Ylla; E. Martí; E. Mas-Martí; I. Muñoz; A. Romani; S. Sabater; F. Sabater; E. Vazquez; D. von Schiller.

**122 Title of the work:** Carbon transport and use through mediterranean river networks: the project carbonet

**Name of the conference:** XVI Congress of the Iberian Association of Limnology

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - poster

**City of event:** Guimaraes, Portugal

**Date of event:** 2012

**End date:** 2012

**Organising entity:** Asociación Ibérica de Limnología

Obrador, B.; Sabater, S.; Muñoz, I.; Acuña, V.; López, P.; Marcé, R.; Menéndez, M.; Von Schiller, D.

**123 Title of the work:** Temporal variability of in-stream net uptake: implications for inorganic nitrogen export from catchments.

**Name of the conference:** 7th Symposium for European Freshwater Sciences. Girona.

**Type of event:** Conference

**Geographical area:** International





**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2011  
**End date:** 2011  
Bernal, S.; D. von Schiller; E. Martí; F. Sabater.

- 124** **Title of the work:** Patterns of temporal variation in net and gross in-stream nutrient uptake.  
**Name of the conference:** 7th Symposium for European Freshwater Sciences. Girona.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** Spain  
**Date of event:** 2011  
**End date:** 2011  
Martí; E.; D. von Schiller; S. Bernal; M. Ribot; F. Sabater.
- 125** **Title of the work:** Special session "Multiple-scale perspectives on stream biogeochemistry (Chair of session)  
**Name of the conference:** Symposium of European Freshwater Sciences  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - others  
**City of event:** Spain  
**Date of event:** 2011  
**End date:** 2011  
von Schiller, D; Thomas, S.; Martí, E.; Valett, M.; Brookshire, J.; Bernal, S.
- 126** **Title of the work:** Searching for the stream's biogeochemical 'heartbeat': Patterns of temporal variation in nutrient spiralling. 57th meeting of the North Clave: O.  
**Name of the conference:** American Benthological Society. Grand Rapids, Michigan, USA.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2009  
**End date:** 2009  
von Schiller; D; E. Martí; A. Argerich; J.L. Riera; F. Sabater.
- 127** **Title of the work:** El batec biogeoquímic de la riera de Santa Fe del Montseny.  
**Name of the conference:** VII Trobada d'Estudiosos del Montseny.  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Granollers, Spain  
**Date of event:** 2008  
**End date:** 2008  
Martí; E.; D. von Schiller; A. Argerich; M. Ribot; F. Sabater; J.L. Riera.
- 128** **Title of the work:** Stream variability in retention of multiple nutrients and metabolism along an altitudinal gradient. Clave: O.  
**Name of the conference:** 56th meeting of the North American Benthological Society. Salt lake City, Utha, USA.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America



**Date of event:** 2008

**End date:** 2008

Martí; E.; P. Fonollà; F. Sabater; D. von Schiller; A. Argerich; M. Ribot; J. L. Riera.

- 129 Title of the work:** Surface-Subsurface Linkages in a Headwater Stream during Leaf Fall. Clave: O.  
**Name of the conference:** 55th meeting of the North American Benthological Society. Columbia, South Carolina, USA.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** United States of America

**Date of event:** 2007

**End date:** 2007

Argerich; A.; E. Martí; M. Ribot; F. Sabater; D. von Schiller.

- 130 Title of the work:** Seasonal and spatial variability in nutrient availability and nutrient uptake in streams from a Mediterranean catchment. Clave: O.

**Name of the conference:** 55th meeting of the North American Benthological Society. Columbia, South Carolina, USA.

**Type of event:** Conference

**Geographical area:** International

**Type of participation:** Participatory - oral communication

**City of event:** United States of America

**Date of event:** 2007

**End date:** 2007

von Schiller; D.; E. Martí; J.L. Riera; M. Ribot; A. Argerich; P. Fonolla; J.C. Marks; F. Sabater.

- 131 Title of the work:** Effects of leaf fall on surface-subsurface water exchange in a small Mediterranean stream. Clave: O.

**Name of the conference:** V Congreso Ibérico de Limnología y XIII Congreso de la Asociación Española de Limnología. Barcelona, España.

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2006

**End date:** 2006

Argerich; A.; E. Martí; M. Ribot; F. Sabater; D. von Schiller.

- 132 Title of the work:** Asimilación y desnitrificación como vías de retención de nitrógeno en ríos que drenan cuencas con diferentes usos del territorio. Clave: O.

**Name of the conference:** V Congreso Ibérico de Limnología y XIII Congreso de la Asociación Española de Limnología. Barcelona, España.

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Spain

**Date of event:** 2006

**End date:** 2006

Von Schiller; D.; E. Martí; J.L. Riera; M. Martí.

- 133 Title of the work:** Patterns of temporal variation in N and P uptake in two streams located at different altitude. Clave: O.

**Name of the conference:** 54th meeting of the North American Benthological Society. Anchorage, Alaska, USA.

**Type of event:** Conference

**Geographical area:** International



**Type of participation:** Participatory - oral communication

**City of event:** United States of America

**Date of event:** 2006

**End date:** 2006

Martí; E.; D. von Schiller; A. Argerich; F. Sabater; J.L. Riera; M. Ribot.

- 134** **Title of the work:** Influence of land use and seasonality on denitrification rates in three Mediterranean streams. Clave: O.  
**Name of the conference:** 54th meeting of the North American Benthological Society. Anchorage, Alaska, USA.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2006  
**End date:** 2006  
von Schiller; D.; E. Martí; J.L. Riera; A. Argerich; M. Ribot; F. Sabater.
- 135** **Title of the work:** Nutrient availability and stream biofilm responses: contrast among streams draining catchments with different land uses. Clave: O.  
**Name of the conference:** 53rd meeting of the North American Benthological Society. New Orleans, Louisiana, USA.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** Participatory - oral communication  
**City of event:** United States of America  
**Date of event:** 2005  
**End date:** 2005  
von Schiller; D.; E. Martí; J.L. Riera.
- 136** **Title of the work:** The role of leaf litter on stream phosphorus retention and its implications within the context of climate change.  
**Name of the conference:** ASLO Summer Meeting. Santiago de Compostela, Spain.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Spain  
**Date of event:** 2005  
**End date:** 2005  
Argerich; A.; D. von Schiller; E. Martí; F. Sabater; J.L. Riera; M. Ribot.
- 137** **Title of the work:** Temporal variability in nutrient retention in two mediterranean streams with contrasting local climate characteristics.  
**Name of the conference:** ASLO Summer Meeting.  
**Type of event:** Conference **Geographical area:** International  
**Type of participation:** 'Participatory - poster  
**City of event:** Santiago de Compostela,, Spain  
**Date of event:** 2005  
**End date:** 2005  
von Schiller; D.; E. Martí; A. Argerich; F. Sabater; J.L. Riera; M. Ribot.



## Works submitted to national or international seminars, workshops and/or courses

- 1** **Title of the work:** El ciclo del carbono en cursos de agua intermitentes'  
**Name of the event:** Acte inaugural del curs acadèmic 2022-23 del Màster d'Ecologia, Gestió i Restauració del Medi Natural de la Universitat de Barcelona  
**Reasons for participation:** Speaker  
**City of event:** Barcelona, Spain  
**Date of event:** 2022  
**End date:** 2022
- 2** **Title of the work:** Implicaciones biogeoquímicas del desmantelamiento de presas  
**Name of the event:** Webinar final del proyecto C-Hydrochange  
**Reasons for participation:** Speaker  
**City of event:** Spain  
**Date of event:** 23/09/2021  
**End date:** 23/09/2021
- 3** **Title of the work:** Biogeochemical cycling in intermittent streams: an aquatic-terrestrial perspective  
**Name of the event:** Seminars of the Helmholtz-Zentrum für Umweltforschung (UFZ)  
**Reasons for participation:** Speaker  
**City of event:** Magdeburg, Germany  
**Date of event:** 2020  
**End date:** 2020
- 4** **Title of the work:** Terrestrial limnology... or the ecology of dry inland waters  
**Name of the event:** Seminars of the Section of Ecology, University of Barcelona  
**Reasons for participation:** Speaker  
**City of event:** Barcelona, Spain, Spain  
**Date of event:** 2019  
**End date:** 2019
- 5** **Title of the work:** The biogeochemistry of non-perennial waterways: an aquatic-terrestrial perspective  
**Name of the event:** Lunz Seminar Series in Aquatic Ecology of Wassercluster Lunz  
**Reasons for participation:** Speaker  
**City of event:** Lunz am See, Austria, Austria  
**Date of event:** 2018  
**End date:** 2018
- 6** **Title of the work:** Cuando el río desaparece: la ecología de los ríos intermitentes  
**Name of the event:** Jornadas sobre ríos; Ekologistak Martxan Bizkaia  
**Type of event:** Workshop  
**Reasons for participation:** Speaker  
**City of event:** Bilbao; Spain, Spain  
**Date of event:** 2017  
**End date:** 2017
- 7** **Title of the work:** Dry Limnology, or the ecology of dry rivers  
**Name of the event:** Seminars in Ecology and Evolution; Faculty of Science and Technology; University of the Basque Country



**Reasons for participation:** Speaker  
**City of event:** Bilbao, Spain, Spain  
**Date of event:** 2016  
**End date:** 2016

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- 1** **Committee title:** Tribunal de Tesis Doctoral de Myrto Nikolakopoulou  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2021 - 2021
- 2** **Committee title:** Tribunal de Tesis Doctoral de Hares Khan  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2021 - 2021
- 3** **Committee title:** Tribunal de Tesis Doctoral de Matthias Pucher  
**Affiliation entity:** The University of Natural Resources and Applied Life Sciences  
**Start-End date:** 2021 - 2021
- 4** **Committee title:** Tribunal de Máster de Ecología y Restauración  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2021 - 2021
- 5** **Committee title:** Tribunal de Máster de Biodiversidad  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2020 - 2020
- 6** **Committee title:** Tribunal Trabajos de Fin de Grado de Ciencias del Mar  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2020 - 2020
- 7** **Committee title:** Tribunal del Máster de Ecología y Restauración  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2020 - 2020
- 8** **Committee title:** Comité de Ética en la Investigación con Agentes Biológicos y organismos modificados genéticamente (CEIAB) de la Universidad del País Vasco  
**Affiliation entity:** Universidad del País Vasco / Euskal Herriko Unibertsitatea  
**Start-End date:** 2018 - 2019
- 9** **Committee title:** Review Editor of the journal Frontiers in Environmental Science  
**Affiliation entity:** Springer Nature  
**Start-End date:** 2015 - 2019
- 10** **Committee title:** Tribunal de Tesis Doctoral de Astrid Harjung  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2018 - 2018



- 11** **Committee title:** Tribunal de Tesis Doctoral de Alba Guarch  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2017 - 2017
- 12** **Committee title:** Tribunal de Tesis Doctoral de Tamara Rodríguez  
**Affiliation entity:** Universidad de Cantabria  
**Start-End date:** 2017 - 2017
- 13** **Committee title:** Tribunal de Master in Biodiversity, Functioning and Management of Ecosystems  
**Affiliation entity:** Universidad del País Vasco / Euskal Herriko Unibertsitatea  
**Start-End date:** 2017 - 2017
- 14** **Committee title:** Tribunal de Tesis Doctoral de Maite Arroita  
**Affiliation entity:** Universidad del País Vasco / Euskal Herriko Unibertsitatea  
**Start-End date:** 2015 - 2015
- 15** **Committee title:** Tribunal de la Tesis Doctoral de Marc Peipoch  
**Affiliation entity:** Universitat de Barcelona  
**Start-End date:** 2014 - 2014
- 16** **Committee title:** Tribunal de la Tesis Doctoral de María Isabel Arce  
**Affiliation entity:** Universidad de Murcia  
**Start-End date:** 2014 - 2014
- 17** **Committee title:** Tribunal del Máster del Agua  
**Affiliation entity:** Universitat de Girona  
**Start-End date:** 2014 - 2014
- 18** **Committee title:** Tribunal de la Tesis Doctoral de José G. Cardoso  
**Affiliation entity:** Universitat Politècnica de Catalunya (UPC)  
**Start-End date:** 2013 - 2013
- 19** **Committee title:** Tribunal del Máster de Ecología  
**Affiliation entity:** Universitat de Girona  
**Start-End date:** 2012 - 2012
- 20** **Committee title:** Editor  
**Affiliation entity:** Asociación Ibérica de Limnología  
**Start date:** 01/09/2021
- 21** **Committee title:** Editor in Chief of the journal Limnetica  
**Affiliation entity:** Springer Nature  
**Start date:** 2021
- 22** **Committee title:** Associate Editor of the journal Aquatic Sciences  
**Affiliation entity:** Springer Nature  
**Start date:** 2019





- 23** **Committee title:** Tribunales de Master Ecology Environmental Management and Restoration  
**Affiliation entity:** Universitat de Barcelona  
**Start date:** 2019
- 24** **Committee title:** Asociación Ibérica de Limnología (AIL)  
**Affiliation entity:** Asociación Ibérica de Limnología  
**Start date:** 2018
- 25** **Committee title:** Asociación Ibérica de Limnología (AIL)  
**Affiliation entity:** Asociación Ibérica de Limnología  
**Start date:** 2018
- 26** **Committee title:** Academic Editor of the journal PeerJ  
**Affiliation entity:** PeerJ  
**Start date:** 2017

## R&D management

- 1** **Name of the activity:** Spanish State Research Agency  
**Start date:** 2022
- 2** **Name of the activity:** Andalusian Council for Knowledge, Research and University. Convocatoria de subvenciones a «proyectos de I+D+i» universidades y entidades públicas de investigación  
**Start date:** 2021
- 3** **Name of the activity:** Research Grants Council of Hong Kong. General Research Fund for 2021/22  
**Start date:** 2021
- 4** **Name of the activity:** Iberian Association of Limnology, Award for the best PhD thesis  
**Start date:** 2020
- 5** **Name of the activity:** Spanish Ministry for Ecological Transition. National Parks Call  
**Start date:** 2020
- 6** **Name of the activity:** German Academic Exchange Service (DAAD) Fellowship Program  
**Start date:** 2020
- 7** **Name of the activity:** "la Caixa" Foundation Fellowships Program  
**Start date:** 2019
- 8** **Name of the activity:** German Research Foundation (DFG)  
**Start date:** 2019
- 9** **Name of the activity:** Reviewer of the PhD Thesis of Alessandro Scibona, University of Parma, Italy.  
**Start date:** 2019



- 10 Name of the activity:** German Research Foundation (DFG)  
**Start date:** 2018
- 11 Name of the activity:** Chilean National Commission for Scientific and Technological Research (CONICYT)  
**Start date:** 2018
- 12 Name of the activity:** Croatian Science Foundation (HRZZ)  
**Start date:** 2018
- 13 Name of the activity:** 'la Caixa' Foundation Fellowships Program  
**Start date:** 2017
- 14 Name of the activity:** German Academic Exchange Service (DAAD) Fellowship Program  
**Start date:** 2016

### Evaluation and revision of R&D projects and articles

**Name of the activity:** Reviewer for the following Research Journals: Annales de Limnologie, Aquatic Ecology, Aquatic Microbial Ecology, Aquatic Biology, Aquatic Sciences, Atmospheric Measurements Techniques, Biogeochemistry, Biogeosciences, Biologia, Chemosphere, Ecology Letters, Ecohydrology, Ecosphere, Ecosystems, Environmental Research, Environmental Science & Policy, Environmental Science & Technology, Freshwater Biology, Freshwater Science, Frontiers in Environmental Science, Frontiers in Microbiology, Fundamental and Applied Limnology, Geophysical Research Letters, Hydrobiologia, Hydrological Processes, Hydrology and Earth System Sciences, International Review Hydrobiology, Journal of Geophysical Research-Biogeosciences, Journal of the North American Benthological Society, Journal of Toxicology and Environmental Safety, Limnetica, Limnologica, Limnology, Limnology and Oceanography, PLOS ONE, Science of the Total Environment, Water Resources Research, Water Science and Technology.

**Type of activity:** Review of articles in scientific or technological journals

### Other achievements

#### Stays in public or private R&D centres

- 1 Entity:** Wassercluster Lunz  
**City of entity:** Austria  
**Start date:** 2018 **Duration:** 5 days  
**Goals of the stay:** Postdoctoral  
**Provable tasks:** Preparación de experimentos y reunión general de proyecto PURIFY
- 2 Entity:** National Research Institute of Science and Technology for Environment and Agriculture (IRSTEA)  
**City of entity:** France  
**Start date:** 2016 **Duration:** 5 days  
**Goals of the stay:** Postdoctoral  
**Provable tasks:** Trabajos relacionados con el 1000 Intermittent Rivers papers. Estancia financiada por Short-term Scientific Mission de SMIREs Cost Acton



- 3** **Entity:** Hellenic Centre for Marine Research (HCMR)  
**City of entity:** Greece  
**Start date:** 2016 **Duration:** 5 days  
**Goals of the stay:** Postdoctoral  
**Provable tasks:** Trabajo de campo proyecto GLOBAQUA
- 4** **Entity:** Helmholtz Centre for Environmental Research (UFZ)  
**City of entity:** Germany  
**Start date:** 2013 **Duration:** 14 days  
**Goals of the stay:** Postdoctoral  
**Provable tasks:** Trabajo de campo y laboratorio en proyecto BIOFLOW
- 5** **Entity:** Institut Català de Recerca de l'Aigua  
**City of entity:** Spain  
**Start date:** 2009 **Duration:** 2 months - 10 days  
**Goals of the stay:** Postdoctoral  
**Provable tasks:** Trabajo de campo y laboratorio proyecto MIRAGE
- 6** **Entity:** Wassercluster Lunz  
**City of entity:** Austria  
**Start date:** 2007 **Duration:** 20 days  
**Goals of the stay:** Pre-Doctoral  
**Provable tasks:** Experimento proyecto COMIX
- 7** **Entity:** Virginia Polytechnic Institute and State University  
**City of entity:** United States of America  
**Start date:** 2006 **Duration:** 1 month - 10 days  
**Goals of the stay:** Pre-Doctoral  
**Provable tasks:** Discusión de mi tesis doctoral y participación en experimento
- 8** **Entity:** El Verde Field Station, Institute for Tropical Ecosystem Studies, University of Puerto Rico  
**City of entity:** Puerto Rico  
**Start date:** 2004 **Duration:** 1 month  
**Goals of the stay:** Pre-Doctoral  
**Provable tasks:** Experimentos proyecto LINX2

### Obtained grants and scholarships

- 1** **Name of the grant:** Ikerbasque Research Fellowship 2019 (declined)  
**Awarding entity:** Basque Foundation for Science **Type of entity:** Foundation  
**Conferral date:** 2019 **Duration:** 1 year  
**End date:** 2019
- 2** **Name of the grant:** Short-term Scientific Mission of SMIRES Cost Acton to IRSTEA, Lyon, France.  
**Awarding entity:** European Union **Type of entity:** Body, others  
**Conferral date:** 2016 **Duration:** 1 year  
**End date:** 2016



- 3 Name of the grant:** "Juan de la Cierva" Postdoctoral Fellowship  
**Awarding entity:** Spanish Ministry of Economy and Competitiveness  
**Conferral date:** 2011  
**End date:** 2014  
**Type of entity:** Body, others  
**Duration:** 4 years
- 4 Name of the grant:** DAAD-"laCaixa" Fellowship  
**Awarding entity:** German Academic Exchange Service (DAAD) and "laCaixa" Foundation  
**Conferral date:** 2008  
**End date:** 2010  
**Type of entity:** Foundation  
**Duration:** 3 years
- 5 Name of the grant:** I3P PhD Fellowship  
**Awarding entity:** Spanish Research Council (CSIC)  
**Conferral date:** 2004  
**End date:** 2007  
**Type of entity:** Body, others  
**Duration:** 4 years
- 6 Name of the grant:** Socrates-Erasmus Fellowship  
**Awarding entity:** European Union  
**Conferral date:** 2002  
**End date:** 2003  
**Type of entity:** Body, others  
**Duration:** 2 years
- 7 Name of the grant:** Collaboration Fellowship  
**Awarding entity:** Spanish Ministry of Education (MEC)  
**Conferral date:** 2002  
**End date:** 2002  
**Type of entity:** Body, others  
**Duration:** 1 year

### Scientific societies and professional associations

**Name of the society:** Member of the Institute for Water Research (IdRA)  
**Affiliation entity:** Universitat de Barcelona  
**Start date:** 2020

### Prizes, mentions and distinctions

- 1 Description:** Favourable accreditation for tenure-track lecturer ('profesor ayudante doctor')  
**Awarding entity:** Spanish National Agency for Quality Assessment and Accreditation  
**Conferral date:** 2019
- 2 Description:** Favourable accreditation for tenured assistant professor ('profesor contratado doctor')  
**Awarding entity:** Spanish National Agency for Quality Assessment and Accreditation  
**Conferral date:** 2019
- 3 Description:** Favourable accreditation for private university professor ('profesor de universidad privada')  
**Awarding entity:** Spanish National Agency for Quality Assessment and Accreditation  
**Conferral date:** 2019



- 4** **Description:** 'Acreditació de Recerca'. Favourable accreditation for tenured assistant professor ('professor agregat')  
**Awarding entity:** Catalan University Quality Assurance Agency  
**Conferral date:** 2017
- 5** **Description:** Favourable accreditation for tenure-track lecturer ('professor lector').  
**Awarding entity:** Catalan University Quality Assurance Agency  
**Conferral date:** 2013
- 6** **Description:** PhD extraordinary award ('Premi extraordinari de Doctorat')  
**Awarding entity:** Universitat de Barcelona  
**Conferral date:** 2010
- 7** **Description:** Honourable mention award for best doctoral thesis in limnology ('Accésit al Premio a la Mejor Tesis en Limnología')  
**Awarding entity:** Iberian Association of Limnology (AIL)  
**Conferral date:** 2010
- 8** **Description:** Petersen Award. Travel Grant.  
**Awarding entity:** North American Benthological Society  
**Conferral date:** 2007

### Summary of other achievements

- 1** **Description of the achievement:** Certificación I3 del personal docente e investigador del sistema universitario español  
**Accrediting entity:** Ministerio de Universidades  
**Conferral date:** 2022
- 2** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): "Modelling carbon and nitrogen cycling in intermittent stream networks". Travel and accommodation funded by EU Cost Action SMIRES.  
**Accrediting entity:** Leibniz Association, Berlin, Germany  
**Conferral date:** 2019
- 3** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): "Heterotrophic regimes". Ovronnaz, Switzerland. Travel and accommodation funded by Swiss National Science Foundation  
**Accrediting entity:** Swiss National Science Foundation and US National Science Foundation  
**Conferral date:** 2018
- 4** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): "Modelling and upscaling biogeochemical processes in intermittent rivers and ephemeral streams". Travel and accommodation funded by EU Cost Action SMIRES.  
**Accrediting entity:** University of Pécs, Hungary  
**Conferral date:** 2018
- 5** **Description of the achievement:** Favourable accreditation for tenure-track lecturer ('profesor adjunto')  
**Accrediting entity:** Basque University Quality Assurance Agency (UNIBASQ)  
**Conferral date:** 2018



- 6** **Description of the achievement:** Favourable accreditation for tenured assistant professor ('profesor agregado')  
**Accrediting entity:** Basque University Quality Assurance Agency (UNIBASQ)  
**Conferral date:** 2018
- 7** **Description of the achievement:** Favourable accreditation for PhD researcher ('investigador doctor')  
**Accrediting entity:** Basque University Quality Assurance Agency (UNIBASQ)  
**Conferral date:** 2018
- 8** **Description of the achievement:** Favourable accreditation for research activity of personnel of the UPV/EHU contracted as Art. 22 of the Spanish Law of Science  
**Accrediting entity:** Basque University Quality Assurance Agency (UNIBASQ)  
**Conferral date:** 2018
- 9** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): PURIFY project meeting.  
**Accrediting entity:** Wassercluster Lunz, Austria  
**Conferral date:** 2018
- 10** **Description of the achievement:** Supervisor of the PhD stay (2 weeks) of Alessandro Scibona (University of Parma, Italy)  
**Accrediting entity:** University of the Basque Country (UPV/EHU)  
**Conferral date:** 2018
- 11** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): "Knowledge on intermittent river functioning and the influence of flow regime". Travel and accommodation funded by EU Cost Action SMIREs.  
**Accrediting entity:** IRSTEA, Lyon, France  
**Conferral date:** 2017
- 12** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): "Are dry riverbeds and soils different?". Travel and accommodation funded by EU Cost Action SMIREs.  
**Accrediting entity:** University of Évora, Portugal  
**Conferral date:** 2017
- 13** **Description of the achievement:** Supervisor of the PhD research stay of Oleksandra Shumilova (IGB-Berlin) funded by Short-term Scientific Mission of COST Action SMIREs  
**Accrediting entity:** Universidad del País Vasco (UPV/EHU)  
**Conferral date:** 2017
- 14** **Description of the achievement:** Attending Scientific Meetings (without Presentation or publication): "Kick-off meeting of Working Group 3 (Biogeochemistry)". Travel and accommodation funded EU Cost Action SMIREs.  
**Accrediting entity:** IRSTEA, Lyon, France  
**Conferral date:** 2016
- 15** **Description of the achievement:** "Biogeochemistry of drying lentic waterbodies". Kick-off meeting of project "DryFlux".  
**Accrediting entity:** Helmholtz-Centre for Environmental Research, Magdeburg, Germany  
**Conferral date:** 2016





- 16** **Description of the achievement:** Virginia Tech Biological Sciences Research Day Poster Award.  
**Accrediting entity:** Virginia Polytechnic Institute and State University  
**Conferral date:** 2007
- 17** **Description of the achievement:** Best oral presentation Award. Meeting of the Iberian Society of Limnology, Barcelona, Spain  
**Accrediting entity:** Iberian Association of Limnology (AIL)  
**Conferral date:** 2006
- 18** **Description of the achievement:** Research sections (six-year): Tram de recerca (sexeni) 2003-2008  
**Accrediting entity:** AQU  
**Conferral date:** 2003
- 19** **Description of the achievement:** Research lines: Biogeochemistry; --
- 20** **Description of the achievement:** Research lines: Community and ecosystem ecology; --
- 21** **Description of the achievement:** Research lines: Fluvial ecosystems; --
- 22** **Description of the achievement:** Research lines: Ecosystem ecology and biogeochemistry; --
- 23** **Description of the achievement:** Greenhouse gas emissions from dry freshwater systems (DRYFLUX). International crowdfunded network. PIs: M. Koschorreck (UFZ), R. Marcé (ICRA). Role: Core Team member (since 2016) <https://www.ufz.de/dryflux/> <https://gleon.org/research/projects/dryflux>
- 24** **Description of the achievement:** The Thousand Intermittent Rivers Project (1000 IRP). International crowdfunded network. PI: T. Datry (IRSTEA). Role: Core Team member (since 2015) [https://1000\\_intermittent\\_rivers\\_project.irstea.fr/](https://1000_intermittent_rivers_project.irstea.fr/)