



# 5th International Electronic Conference on Water Sciences

16–30 November 2020

Chaired by Dr. Jean-Luc PROBST

## Water and the Ecosphere in the Anthropocene

### Message from the conference chair

We are pleased to welcome you to the 5th International Electronic Conference on Water Sciences (ECWS-5), which will be held online, promoted by the open-access journal *Water*.

<https://sciforum.net/conference/ECWS-5>

In the last few years, four International Electronic Conferences on Water Sciences (ECWS-1, ECWS-2, ECWS-3 and ECWS-4) have addressed important water-related aspects. A fifth conference, aiming at deepening the discussion on issues of Water and the Ecosphere in the Anthropocene (WEA), is needed, with attention focused on the water cycle in the ecosphere and its interactions with the different compartments during the Anthropocene. The Earth's most recent geologic time period is human-influenced, based on overwhelming regional as well as global evidences that atmospheric, pedospheric, geologic, hydrologic, biospheric, and other earth-system compartments and processes are now altered by humans, including a wide diversity of anthropogenic activities and climatic changes. The ecosphere is considered, according to Cole (1958) and Hugget (1999), as a global ecosystem integrating all living organisms and their inorganic environments. During the Anthropocene, the ecosphere can be viewed as a global socio-ecosystem, including the Critical Zone, ecosystems, human societies, and their interactions with the environment. Different aspects of the interactions between water and the ecosphere in the context of global changes will be considered in this conference, including water quantity, quality, biology, ecology, sociology, economy, and law.

The ECWS-5 invites researchers from academia as well as stakeholders, to contribute original results, novel ideas and scientific concepts, and new technologies and experiences to deal with processes within the context of WEA, making reference to the following topics framed in a global changing environment with a special focus on sustainability, resilience, and adaptation:

- Water interactions with the different compartments of the Critical Zone (Prof. Laurent J.A. Pfister)
- Water resources management and ecosphere resilience and adaptation (Prof. Karin Ingold)
- Water, ecosystem functioning and services (Prof. John S. Richardson)
- Water and socio-ecosystems (Prof. Richard C. Smardon)
- Integrated modelling of the interactions between water and the ecosphere (Prof. Xiaoling Chen and Prof. Jianzhong Lu)
- New sensors, new methods and technologies, and new approaches (Dr. David Point)
- Poster (posters can be presented without an accompanying proceedings paper and will be available online on this website during and after the e-conference. However, they will not be added to the proceedings of the conference.)

### Conference Committee

#### Chair

Dr. Jean Luc PROBST

#### Scientific Committee

Prof. Dr. Laurent J.A. Pfister  
Prof. Dr. Karin Ingold  
Prof. Dr. John S. Richardson  
Prof. Dr. Richard C. Smardon  
Prof. Dr. Xiaoling Chen  
Prof. Dr. Jianzhong Lu  
Dr. David Point

#### ECWS-5 2020 Secretary

Ms. Vanessa Sun  
Email: [vanessa.sun@mdpi.com](mailto:vanessa.sun@mdpi.com)

*Water*,  
an Open Access Journal by MDPI

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### Benefits of Participating the Electronic Conference

- All the proceedings are published online in OPEN ACCESS format
- Anyone who has access to internet can attend it
- no registration fees
- no cost to publish the proceedings on the platform
- Flexible – Time
- 20% discount on the Article Processing Charges if the authors choose to publish their extended version in the journal (*Water*: <http://www.mdpi.com/journal/water>)

### Call for papers

The 5th International Electronic Conference on Water Sciences (ECWS-5) will be held from 16 to 30 November 2020 **online**. This event enables the researchers of research field to present their research and exchange ideas with their colleagues without the need to travel. All proceedings will be published on the conference homepage in open access format.

The conference will be completely free of charge—both to attend and for scholars to upload and present their latest work on the conference platform. Selected papers presented in ECWS-5 will be published in a Special Issue of journal *Water* undergone a full peer-review (ISSN 2073-4441; Impact Factor: 2.544 (2019) with a 20% discount on the APCs); ECWS-5 offers you the opportunity to participate in this international, scholarly conference without having the concern or expenditure of travel — all you need is your computer and access to the Internet. We would like to invite you to “attend” this conference and present your latest work.

Abstracts (in English) should be submitted by 16 October 2020 online at <http://www.sciforum.net/login>. For accepted abstracts, the full paper can be submitted by 9 November 2020. The conference itself will be held 16–30 November 2020.

We hope you will be able to join this exciting event and support us in making it a success. ECWS-5 is organized and sponsored by MDPI, a scholarly open access publisher based in Basel, Switzerland.

### Time Schedule & Deadlines

Abstract Submission Deadline:	16th October 2020
Conference Date:	16th November–30th November 2020
Conference Special Issue Paper Deadline:	31th March 2021

### Conference Secretary Office

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