



Wetlands and Their Roles in the Ecohydrological Cycle under Global Climate Change

Guest Editors:

Prof. Georgia Destouni

Department of Physical
Geography, Stockholm
University, Stockholm, Sweden

Dr. Zahra Kalantari

Department of Physical
Geography and Bolin Centre for
Climate Research, Stockholm
University, 106 91 Stockholm,
Sweden

Dr. Fernando Jaramillo

Department of Physical
Geography, Stockholm
University, Stockholm, Sweden

Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editors

Wetlands are integral parts of the terrestrial ecohydrological cycle and may have significant impacts on water storage and distribution, water quality, ecosystem productivity, and biogeochemical cycling on land. This Special Issue aims at providing new insights and a coherent overview of different perspectives on these various roles of wetlands. Topics include:

- Developments of new methods and tools and/or case studies of general significance about wetland functions in the context of climate change (and corresponding mitigation and adaptation measures).
- Studies leading to new insights of and perspectives on the interactions on various scales between wetlands, wetland networks and their hydrological catchments, in terms of water fluxes and waterborne spreading and loading of tracers, nutrients and pollutants.
- Studies of temporal, historic to future, evolution of wetland conditions and ecosystem services under large-scale, long-term climatic change.
- Quantifications of ecosystem services provided by natural and managed wetlands and wetland networks across various catchment scales, up to continental and global perspectives.





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Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Message from the Editor-in-Chief

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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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