



water

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From Concept to Implementation: Water–Food–Land–Energy Nexus

Guest Editors:

Prof. Dr. Olcay Ünver

Environmental & Resource
Management Program, Fulton
Schools of Engineering, Arizona
State University, Tempe, AZ, USA

Dr. Hassan Tolba Aboelnga

Technology Arts Sciences TH
Köln, University of Applied
Sciences, Köln, Germany

Dr. Sisira S. Withanachchi

Independent
Consultant/Researcher, Berlin,
Germany

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Message from the Guest Editors

Dear Colleagues,

This Special Issue of the *Water* journal aims to delve into the critical interdependencies and security challenges associated with the nexus of water, food, land, and energy. The nexus concept recognizes the intricate connections and mutual influences among these fundamental resources, highlighting the need for comprehensive and resilient strategies to ensure their sustainable management. From theoretical frameworks to practical implementation, this Special Issue seeks to explore the background, significance, and practical implications of securing the nexus of water–food–land–energy.

The issue will feature a diverse range of research articles, case studies, and review papers that examine the complexities of the nexus and its implications for global water and food security, land use planning, energy production, and environmental sustainability. Contributions will focus on identifying the key challenges and opportunities associated with securing the nexus, highlighting innovative approaches, best practices, and lessons learned from different regions and sectors.



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Special Issue

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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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