Special Issue

GIS-Based Climate Services for Water-Related Sectors

Message from the Guest Editor

The topic of water runs across multiple sectors and systems, such as food security, energy, infrastructure, industry, domestic supply, human health, and ecosystem functions. Water, both in terms of quality and quantity, is either a *"resource"* contended by sectors and systems or a "*driver"* with modifications in the hydrological cycle potentially leading to hazards (droughts, floods, erosion, pollution) but also creating new opportunities (investments, infrastructure design, etc.). Under a climate change perspective, proper water resource management and planning become crucial on the short- to long-term future horizons. To strengthen resilience and adaptive capacity under new climate average conditions, variability, extreme events, and impacts, and to accelerate sectoral innovation, climate services are gaining importance in delivering timely, scientifically robust and end-user-tailored climate information, so as to ensure its effective adoption and exploitation. For more reading, please follow the link to the Special Issue website: https://www.mdpi.com/journal/water/special_issues/climate_services_water-related_sectors

Guest Editor

Dr. Monia Santini

Impacts on Agriculture, Forests and Ecosystem Services (IAFES) Division, Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC), 01100 Viterbo, Italy

Deadline for manuscript submissions

closed (31 March 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/45686

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

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.

Editor-in-Chief

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

MDPI