



## Multiple-Effect Water Resources Management

Guest Editor:

**Dr. Nektarios Kourgialas**

Water Resources, Irrigation & Env.  
Geoinformatics Lab, Institute for  
Olive Tree, Subtropical Plants  
and Viticulture, HELLENIC  
AGRICULTURAL ORGANIZATION  
"DIMITRA" - DG AGRICULTURAL  
RESEARCH, 73100 Chania, Greece

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editor

Dear Colleagues,

In recent years, the environment and especially water resources have been experiencing significant stress, resulting in water-related problems in many regions around the world. Surface and groundwater resources are continuously degraded as a result of agricultural activities, industrial wastes, as well as urban and touristic activities. In addition, climate change and the increasing rate of global warming, over the last few decades, has intensified the hydrological cycle, and increased the globally averaged precipitation, evapotranspiration, and runoff as an aftermath. Based on the above, there are geoinformatic techniques and other tools of high importance, through which hydrological processes can be simulated or predicted under different climate conditions and anthropogenic innervations. Apart from the above, this Special Issue highlights water-saving approaches in the agricultural sector, as well as investigates land use changes as an adaptation practice in water shortage rural areas.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Damien Giurco

Institute for Sustainable Futures,  
University of Technology Sydney,  
P.O. Box 123 Broadway, NSW  
2007, Australia

## Message from the Editor-in-Chief

Responsible prosperity is underpinned by sustained access to resources. *Resources*, publishes excellent science and scholarship which transforms understanding, practices and policies for conserving all natural resources—from water, land and air; to plant and animal biodiversity; to minerals and energy and their interconnection across scales. Significantly, we invite high quality submissions from natural and social sciences.

Build impact from your research by submitting to *Resources*, an open-access journal connecting you with data, insights, ideas and evidence needed to shape a better world.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), GeoRef, PubAg, AGRIS, RePEc, and other databases.

**Journal Rank:** CiteScore - Q1 (*Nature and Landscape Conservation*)

## Contact Us

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/resources](http://mdpi.com/journal/resources)  
[resources@mdpi.com](mailto:resources@mdpi.com)  
[X@resources\\_mdpi](https://x.com/resources_mdpi)