

Special Issue

Multiple-Effect Water Resources Management

Message from the Guest Editor

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.

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)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Benjamin McLellan
Graduate School of Energy Science, Kyoto University, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8501, Japan

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