

Special Issue

Theoretical and Practical Approaches in Watershed Management across Different Environmental Contexts

Message from the Guest Editors

This Special Issue aims to attract contributions from scientists working in different climatic, geomorphological, and ecological contexts, in order to (i) analyse the availability of tools providing a better comprehension of watershed physical and biological processes (hydrological models, techniques for processing geographical information, laboratory experiments, design methods, etc.) and (ii) propose new strategies for the sustainable management of watershed resources (soil, water, vegetation, etc.). Papers focusing on the state-of-the-art of specific issues (such as reviews and discussions), as well as research and applied projects (as, for instance, successful/unsuccessful case studies) about the rehabilitation and restoration of natural resources in degraded watersheds, are welcome. We also encourage studies targeted at setting up new guidelines and design criteria for watershed management, especially regarding land planning and hydrogeological/ecological risk management.

Guest Editors

Dr. Demetrio Antonio Zema

Department of Agricultural Science (AGRARIA), Mediterranean University of Reggio Calabria, 89127 Reggio Calabria, Italy

Dr. Manuel Esteban Lucas-Borja

Department of Agroforestry Technology and Science & Genetics, School of Advanced Agricultural & Forestry Engineering, Castilla La Mancha University, Campus Universitario s/n, C.P. 02071 Albacete, Spain

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

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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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