Joint Special Issue

Hydrological Hazard: Analysis and Prevention

Message from the Guest Editor

The overall goal of this Special Issue of Geosciences is to consider innovative approaches to the analysis, prediction, prevention, and mitigation of hydrological extremes. With this aim, interdisciplinary original research articles highlighting new ideas, approaches and innovations in the analysis of various types of droughts (e.g., meteorological, agricultural and hydrological drought) and various types of flood (e.g., fluvial, coastal and pluvial) are welcomed. Potential topics of this Special Issue of Geosciences include, but are not limited to:

- Regional flood and drought analysis
- Case studies and comparative studies in different parts of the world
- Analyses of regional/global patterns and trends
- Effects of land-use or land-cover change on hydrological extremes
- Prediction and prevention of hydrological extremes
- Use of satellite and climate data for drought analysis
- Innovative modelling methods for flood hazards
- Strategies for reducing the vulnerability to hydrological extremes
- Climate change and hydrogeologicl risk

Guest Editor

Dr. Tommaso Caloiero

National Research Council (CNR), Institute for Agricultural and Forest Systems in the Mediterranean (ISAFOM), Via Cavour 4/6, 87936 Rende, CS, Italy

Deadline for manuscript submissions

closed (31 March 2018)

Participating open access journals:

Geosciences

Impact Factor 2.1
CiteScore 5.1

mdpi.com/si/11617

Water

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/21582

MDPI