



Development and Use of Databases to Analyze Geo-Hydrological Hazards

Guest Editors:

Dr. Carmela Vennari

CNR-IRPI, Via Cavour, 4/6 87036
Rende (CS), Italy

carmela.vennari@irpi.cnr.it

Dr. Giuseppe Esposito

CNR-IRPI, Via Cavour, 4/6 87036
Rende (CS), Italy

giuseppe.esposito@irpi.cnr.it

Dr. Emanuela Toto

National Civil Protection Agency,
Ministry of Defence, Rruga e
Dibrës, 2423 Tiranë, Albania

ing_ema@yahoo.com

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Message from the Guest Editors

Dear Colleagues,

Susceptibility and hazard definition, as well as the consequent risk, are fundamental for an integrated management of natural hazards. To know where and when the phenomena may occur, as well as their possible magnitude and impact, reliable databases including historical events are often necessary. It is therefore necessary that a database should be rigorously built, based on reliable information and data, including all those elements required for the subsequent analyses.

This Special Issue aims to focus the attention on the development and use of databases to record and analyze geo-hydrological hazards, including information about landslides, floods, sinkholes, coastal processes, and the related triggering conditions. Authors are encouraged to submit articles describing data collection, accuracy and precision of the selected data, organization and type of databases, database peculiarity, and compliance with EC directives. Case studies focusing on integrated approaches, ranging from data collection to application aimed at assessing or reducing geo-hydrological hazards, are particularly welcome.

Dr. Carmela Vennari
Dr. Giuseppe Esposito
Dr. Emanuela Toto
Guest Editors





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Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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Contact Us

Geosciences
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/geosciences
geosciences@mdpi.com