Special Issue

Assessing Surface and Ground- Water Vulnerability and Pollution Risk

Message from the Guest Editors

Surface and Ground- water vulnerability assessment is a useful approach for identifying pollution pressures effectively and applying protection and restoration measures in water bodies. There are many different methods for assessing and mapping water vulnerability and pollution risk, for example, using Geographical Information Systems (GIS), numerical models, statistical indices, in-situ measurements, etc. Today, water vulnerability assessment is used worldwide for various purposes including policy making, land use planning, granting water-related infrastructure permits and developing water management plans. However, shortcomings and limitations obstructing the adoption of widely acceptable approaches are observed nowadays due to the large dataset requirements, high output uncertainty, coarse spatial resolution of the input data, lack of physical representation in the simulated processes. For further reading, please follow the link to the Special
Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Vulnerability_Pollution

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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