Special Issue

Condition Assessment of Water Infrastructures

Message from the Guest Editors

Several services, such as water supply for urban use and irrigation, renewal energy generation through hydropower plants, and flood protection provided by hydraulic infrastructures, have become critical in our societies. Population growth, climate change, and infrastructure aging, among other factors, are challenging our capacities to keep delivering water-related services at the required performance standards, in a sustainable manner, and with an acceptable level of risk. Management of water infrastructures under the asset management principles and methodologies has become a key issue for organizations and stakeholders in the water sector. This Special Issue focuses on condition assessment of water infrastructures, including storage facilities (dams and appurtenant works), diversion and flood protection facilities (dams, weirs, levees), hydropower facilities (dams, waterways, penstocks, turbines), water mains (open channels, pressure pipes), water distribution networks, urban drainage facilities, including sustainable urban drainage systems, wastewater treatment plants, and water purification plants, among others.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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