



Sustainable Hydraulic Structures Planning, Design, and Analysis: New Planning and Design Applications

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Message from the Guest Editors

Dear Colleagues,

Dams, weirs, spillways, gates, and river regulation structures are important hydraulic structures. Hydraulic structure sustainability is an important concern from a water engineering viewpoint. Indeed, the failure or collapse of dams has high economic and social consequences. In terms of climate change scenarios, it is imperative to test the spillway, sluice gates and energy dissipation structures of the constructed dams.

This Special Issue, entitled “Sustainable Hydraulic Structures Planning, Design, and Analysis: New Planning and Design Applications”, focuses on hydraulic structures analysis considering the Sustainable Development Goals. We welcome original research papers on topics such as: (1) the planning, design and analysis of hydraulic structures; (2) the performance analysis of hydraulic structures, taking into account climate change scenarios; (3) socioeconomic benefits of hydraulic structures; (4) sustainable planning of hydraulic structures; (5) new hydraulic structure types; and (6) The role of dams in development.

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Message from the Editor-in-Chief

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