

Special Issue

Advances in Dam Engineering of the 21st Century

Message from the Guest Editors

Dam construction and operations have evolved greatly, and the goals of dam engineering have been refined over the past decades, primarily affected by increased demand for fresh water and clean energy production, hydrologic extremes caused by climate change, ageing infrastructure, a need for more economical use of resources, and higher expectations for ecological and safety standards. Therefore, the role and the responsibility of the engineering community in the 21st century has been influenced by all these challenges. In this Special Issue on “Advances in Dam Engineering of the 21st Century”, we would like to invite researchers and engineers to submit papers focused on the latest advances in dam engineering. We welcome both theoretical and practical papers of high technical standard for various aspects of dam engineering, thus facilitating an awareness of modern techniques and methods in the area of interest. We sincerely invite high-quality submissions of original research as well as review articles that have the potential for practical application. For more information about the Special Issue, please see: www.mdpi.com/si/128535

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2025)



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