



Special Issue on Hydraulic Engineering

Call for Papers

Hydraulic Engineering is a core branch of civil engineering concerned with the analysis, design, and management of systems that convey, store, and control water and other fluids. It integrates principles of fluid mechanics, hydrology, and environmental science to address practical challenges such as flood mitigation, water supply, irrigation, drainage, and coastal protection. The field encompasses the planning and operation of hydraulic structures—including dams, canals, pipelines, and spillways—as well as the modeling of complex flow behaviors in natural and engineered systems. With growing pressures from climate change, urbanization, and water scarcity, hydraulic engineering increasingly emphasizes sustainability, resilience, and the use of advanced computational tools to optimize water resource management and infrastructure performance.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Hydraulic Engineering**. Potential topics include, but are not limited to:

- Open channel hydraulics
- Pipe flow hydraulics
- Computational hydraulics
- River engineering
- Coastal engineering
- Hydraulic structures engineering
- Sediment transport engineering
- Groundwater hydraulics
- Environmental hydraulics
- Urban water hydraulics
- Irrigation engineering
- Drainage engineering
- Flood risk management
- Hydroinformatics
- Ecohydraulics
- Hydraulic machinery

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - *Hydraulic Engineering***” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	July 10th, 2026
Publication Date	September 2026

Guest Editor:

Dr. Yongli Zhang

Structural Engineering, Tongji University, China

For further questions or inquiries, please contact Editorial Assistant at ojmh@scirp.org.