

## Special Issue

# Locating and Understanding the Hydraulics of Low-Head Dams

### Message from the Guest Editors

Each year, more than 50 people drown at low-head dams, and more than 1000 have perished to date. A low-head dam (LHD) is a structure built across a stream, river, or canal that raises the water level upstream for the purpose of diversion. Water flows over the LHD on a continual basis from streambank to streambank. Although traversing a LHD does not appear to be dangerous due to the relatively small drop in the water surface, under certain conditions, a submerged hydraulic jump can form on the downstream side of the LHD. Once caught in such a current, there is no escape. The purposes of [this Special Issue](#) are to (1) explore innovative ways to locate low-head dams, (2) understand the complex hydraulics associated with submerged hydraulic jumps, and (3) create a simple method to assess the potential danger at any LHD site.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 September 2023)



## Water

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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