

Dam Safety. Protection against Overtopping and Prevention of Geo-Structural Failure

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

This Special Issue is open to topics such as:

- Protection of dams and levees against overtopping.
- Hydrological issues related to dam overtopping, especially the assessment of dam overtopping probability.
- Operating strategies to avoid dam overtopping.
- Innovative solutions for increasing the discharge flow rate capacity in existing dams; emergency spillways.
- Dam failure conditions, processes, and failure hydrograph for both, embankment and concrete dams.
- Spillways on earth and rockfill dams.
- Detection of anomalies of geo-structural dam behavior through the analysis of monitoring data.
- Application of data mining and artificial intelligence techniques to the dam safety analysis.
- Criteria for the assessment of emergency thresholds.
- Application of RPAS and digital image treatment to dam surveillance.
- Combined application of numerical models and data mining to the analysis of dam safety...

For more details, please see:

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Special Issue



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Message from the Editor-in-Chief

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