

Special Issue

Flood-to-Drought Transition Phenomena

Message from the Guest Editors

Recently, a new threat has been observed: the rapid transition from drought to flood and vice versa, as discussed in the IPCC 2023 report. These sudden shifts cause significant losses across various economic sectors. To this end, original interdisciplinary articles highlighting new ideas, approaches, and innovations in the analysis of various types of droughts and floods are welcome. This Special Issue will welcome research articles and review papers that include, but are not limited to, the following themes:

- Flash floods and droughts—analyses, modelling, predictions, risk analyses;
- Factors determining transitions from flood to droughts and droughts to floods;
- Spatio-temporal analysis of floods and/or droughts;
- Influence of floods and/or droughts dynamics on the environment, humans, industry, and agriculture;
- Influence of climate change and human activities on flood-to-drought dynamics;
- Modelling and predictions of transitions of floods to droughts and droughts to floods;
- Risk analyses of flood and/or drought dynamics;
- Modern techniques for measuring the transitions of floods to droughts and droughts to floods.

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Deadline for manuscript submissions

30 June 2025



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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Surface Processes)

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manuscripts are peer-reviewed and a first decision is
provided to authors approximately 15.3 days after
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days (median values for papers published in this journal in
the second half of 2024).