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Soil, Water, and Biodiversity in River Floodplains

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Message from the Guest Editor

Dear Colleagues,

Floodplains, situated in extended areas of water–land interactions, offer numerous crucial ecosystem services while also regulating hydrological functions and contributing to socio-economic development. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- spatial and temporal patterns of biodiversity;
- greenhouse gas emission;
- heavy metal pollution and remediation;
- biogeomorphologic succession dynamics;
- carbon, nitrogen, and phosphorus cycling;
- biological control of dust emission from bare sandbars;
- plant water-use responses to groundwater depth;
- linking plant traits to hydrologic processes in floodplains;
- biodegradation of water-extractable dissolved organic matter;
- machine learning techniques and unmanned aerial vehicles (UAVs).

For more details, please find at:

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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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