



River Floodplain Restoration

Guest Editors:

Dr. Mark C. Stone

Department of Civil, Construction
& Environmental Engineering,
University of New Mexico

Dr. Ryan R. Morrison

Department of Civil and
Environmental Engineering,
Colorado State University

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Message from the Guest Editors

Dear Colleagues,

River floodplains are some of the most biologically diverse and productive ecosystems on earth. Fluvial dynamics associated with flooding play a major role in maintaining a diversity of lotic, lentic, and semi-aquatic habitat types across space and time. Further, a river's lateral connectivity with its floodplain supports hydrodynamic, geomorphic, and ecological processes that sustain diverse ecosystems while providing ecosystem services such as floodwave attenuation and improved water quality. This Special Issue aims to advance understanding of fundamental and practical elements of river floodplain restoration approaches including advancements in restoration frameworks, design approaches, numerical models, applications of remote sensing, significant case studies, and other relevant research. We are particularly interested in retrospective articles that critique and advance understanding of floodplain restoration approaches based on historical projects.

For further reading, please visit the [Special Issue Website](#).





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Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Message from the Editor-in-Chief

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Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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