



Integrating Ecohydraulics in River Restoration: Advances in Science and Applications

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Message from the Guest Editors

Most rivers in the world have been suffering pressures resulting from increasing dam and weir construction, habitat degradation, flow regulation, water pollution/abstraction and spread of invasive species. In addition, it is expected that global warming will further stimulate conflicts in water use leading to disturbances in river ecosystems. Science-based knowledge regarding solutions (e.g., environmental flows, dam removal, improvement of fish passes, adoption of fish-friendly hydropower solutions, riparian vegetation management, etc.) to counteract the effects of river degradation, and melding principles of aquatic ecology and engineering hydraulics, is thus urgently needed to guide present and future river restoration actions. This Special Issue of *Sustainability* aims to compile new information on fundamental scientific research and applications regarding the integration of ecohydraulics in river restoration, ranging from field studies to laboratory experiments that have application to real-world challenges. Papers selected for this Special Issue will be subject to a rigorous peer-review procedure with the aim of rapid and wide dissemination of results.





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Message from the Editor-in-Chief

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