

Special Issue

Monitoring and Ecological Assessment of River Biodiversity

Message from the Guest Editors

Aquatic biodiversity is vital for maintaining the stability and functioning of aquatic ecosystems and for supporting essential ecosystem services. Monitoring and assessing aquatic biodiversity help us understand ecological processes, address habitat degradation and environmental change, and support ecological restoration and the sustainable use of natural resources.

Research in this field serves as a key link between ecological understanding, problem diagnosis, and conservation action. It provides scientific support for defining ecological red lines, evaluating restoration efforts, and guiding management practices. This Special Issue welcomes studies on the monitoring, ecological assessment, and sustainable management of riverine aquatic organisms, with a focus on biogeography, ecology, and conservation biology. Our aim is to deepen understanding of riverine aquatic biodiversity and promote the health and sustainability of aquatic ecosystems.

Guest Editors

Dr. Sen Ding

Institute of Water Ecology and Environment, Chinese Research Academy of Environmental Sciences, Beijing 100012, China

Dr. Xiaoxuan Li

Chinese Research Academy of Environmental Sciences, Beijing, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ecologies@mdpi.com

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Editor-in-Chief

Prof. Dr. José Ramón Arévalo Sierra
Department of Botany, Ecology and Plant Physiology, Faculty of
Sciences, University of La Laguna, 38202 La Laguna, Spain

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