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Advance in Freshwater Conservation and Restoration in a Large River Basin

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Message from the Guest Editors

A large river basin is usually a resource-rich, economically developed and densely populated area with a fragile ecological ecosystem sensitive to human disturbance and climate changes. The maintenance of the health of freshwater ecosystems plays an important role in safeguarding water resources and the ecological foundation for the sustainable development of large river basins. In a broad sense, freshwater ecosystems encompass all inland water bodies, including rivers, lakes, floodplains, marshes, underground water and estuaries, in which the riverine and nonriverine freshwater ecosystems are hydrologically connected within a river basin. Freshwater ecosystems are fundamentally different from terrestrial ecosystems with their longitudinal, lateral and vertical hydrological connectivities. [...]

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Special issue



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Message from the Editor-in-Chief

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