

Call for papers

Engineering and management of urban wetlands



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This Collection welcomes original research articles on strategies for urban wetlands conservation, including engineering and nature-based solutions for flood control, wastewater treatment and restoration of water bodies. It also hopes to cover the vital role of wetlands in pollution control, soil erosion and habitat for biodiversity.

Wetlands are among the world's most vital and productive ecosystems, which provide crucial habitat for biodiversity, regulate water flows, and offer essential services such as water purification and flood control. They also play a key role in climate mitigation by acting as carbon sinks. However, the rapid pace of urbanization,

pollution, and climate change poses significant threats to wetland ecosystem and biodiversity. Wetlands in urban environment are subject to hydrological alterations where sewage, effluents from industries, agricultural wastes runoff and soil erosion are the main source for wetland pollution and degradation if severe. To resolve these challenges of urban wetlands, adopting a scientific approach to wetland management, restoration, and innovative engineering solutions as well as nature-based solutions can help preserve and restore these valuable ecosystems.

This Collection supports and amplifies research related to [SDG 13 - Climate Action](#) & [SDG 15 - Life on Land](#).

Guest Editors:

- Thomas Hein, PhD, BOKU University, Austria
- Navneet Kumar, PhD, United Nations University - Institute for Environment and Human Security (UNU-EHS), Germany



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Submission Deadline: **22nd February 2026**