



Nature-Based Solutions for Water Management from Pilot to Standard

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Message from the Guest Editors

Dear Colleagues,

Nature-based solutions (NBS) are broadly called upon to address water management problems ranging from flood protection to pollution, in a context made more challenging by climate change, population growth and urban land take. Many NBS are now broadly accepted as state of the art. However, they are still less commonly adopted than traditional “grey” engineering solutions, and are still regarded as “pilots” rather than standard design options. Reasons for this must be searched for, among others, in a lack of know-how, lesser predictability of the performances, higher space requirements compared to compact technological solutions, etc.

This Special Issue focuses on the analysis of drivers and enablers of NBS uptake in mainstream water management. It aims at showing the business case for a broad adoption of NBS in water management because of their cost-effectiveness and multi-functionality. We look particularly at NBS for wastewater and sludge treatment, urban drainage, water harvesting and diffuse pollution mitigation.





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