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Plant and Microbial Processes in Stormwater Treatment Systems

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Deadline for manuscript submissions: closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

A primary function of stormwater treatment systems is to sequester pollutants of concern to both public and ecosystem health, and restore more natural hydrology to urban catchments. Research has highlighted the importance of biological processes for irreversible removal of many pollutants, such as uptake by plants and transformations made by microbes, and contributions to stormwater volume reductions. However, more work is required to move beyond our current "black box" understanding of these processes, especially considering the critical importance of plants and microbes in treatment systems and our lack of knowledge as to how they competitvely or complimentarily interact. This Special Issue will be dedicated to addressing and understanding the role played by plants, microorganisms and their interactions in stormwater treatment systems.

Prof. David McCarthy Dr. Jon Hathaway

Keywords

Stormwater treatment, green infrastructure, plants, microbia









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