

Special Issue

Nature-based Solutions for Urban Global Change Adaptation

Message from the Guest Editors

Global change, including climate change, population growth and economic development, presents urgent challenges for cities in the 21st century. Cities must effectively manage urban and industrial expansion as well as challenges related to increased flood risk, water and air pollution, heat island effect, real estate devaluation and gentrification. There is emerging evidence and consensus that nature-based solutions (NBS), designed to bring more nature and natural features and processes to cities, can provide effective solutions to the multiple challenges facing cities. Here, we invite papers that address one or more of the following issues: i) multiple impacts, costs, (co-)benefits and economic viability of NBS across spatial, temporal and social scales;

ii) effective co-creation processes that enable the visioning, design and implementation of NBS through engagement and participation of stakeholders throughout the different stages of co-creation;

iii) particular spatial and water planning systems that enable the integration or fostering of NBS;

iv) legal frameworks and institutional settings that constrain or enable the institutionalization, establishment and management of NBS.

Guest Editors

Dr. Peter Cornelis Roebeling

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Deadline for manuscript submissions

closed (30 June 2021)



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Editor-in-Chief

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