



Nature-Based Solutions to Foster Sustainable Urban Development

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Deadline for manuscript
submissions:

closed (15 July 2023)

Message from the Guest Editors

Dear Colleagues,

The increasing trend of the urbanization process and the current climate crisis had produced adverse effects on citizens' quality of life. Under this scenario, nature-based solutions (NbS) are recognized as an essential ally to improve cities' resilience and generate environmental, social, and economic benefits without adding significant cost. Scientific literature provides evidence of direct NbS benefits quantification in the city context by means of remote sensing-based monitoring, environmental matrices sampling and in-situ testing, among others.

There is a need to develop new urban planning approaches based on site-specific priority criteria to identify urban challenges, select the best suited NbS, and quantify the benefits derived by their implementation. This Special Issue aims to increase the current knowledge on NbS urban planning by providing insights on i) NbS implementation criteria, ii) NbS selection according to their benefit accounting, and iii) the monitoring and quantification of environmental, social, and economic benefits derived from NbS implementation.





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