



Nature-based Solutions in Geo-environmental Engineering

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Message from the Guest Editors

Dear Colleagues,

Climate change has placed significant stress on geoenvironmental infrastructure with an increase in extreme rainfall and drought. Emphasis has been given to the development of eco-friendly solutions for reduction in carbon emission and hence, enhanced sustainability of geoenvironmental infrastructure.

Research on several nature-based solutions such as natural materials, vegetation, micro-organisms, and waste has been conducted in the past. Despite the several advantages of these nature-based solutions, their applications in geoenvironmental infrastructure are still unsatisfactory. One major issue is the lack of field investigations and also lesser understanding of practical issues such as availability of waste, cost, and long-term durability. In addition, there has rarely been any research that focuses on the impact of these solutions on society.

With this aim, this Special Issue invites scholars to share recently developed nature-based solutions for geoenvironmental infrastructure. Authors are encouraged to share case studies, laboratory-scale developments, and even socioeconomic analyses of their solutions.





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Editor-in-Chief

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Message from the Editor-in-Chief

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