Special Issue

Climate Mitigation Potential of Urban Ecological Restoration

Message from the Guest Editors

Although globally concerted ecological restoration initiatives have made a substantial contribution to the global response to climate change, an ongoing debate persists concerning the efficacy of reforestation and the optimal locations for tree planting. The potential for urban climate mitigation within these ecological restoration endeavors remains largely unexplored. Our primary objective is to present a collection of papers showcasing the recent advances in quantifying the urban climate mitigation potential of global ecological restoration projects, offer fresh perspectives on the identification of strategic afforestation sites and provide strong evidence of the significant climate mitigation potential of ecological restoration projects. Furthermore, it will delve into the impact of ecological restoration efforts on the achievement of SDGs for urban areas, while highlighting the formidable challenges of balancing urban climate mitigation with sustainable urban development. The central aim is to advocate to policymakers for including urban areas in the planning of ecological restoration initiatives when developing or revising relevant legislation.

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend Land for your best research publications for a fast dissemination of your research.

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