

Special Issue

Mangrove Ecosystems in the Face of Climate Change: Resilience, Adaptation, and Conservation Strategies

Message from the Guest Editors

This Special Issue focuses on the critical role of mangrove ecosystems in addressing climate change through their unique capacity for carbon sequestration, coastal protection, and biodiversity support. It seeks to explore strategies to enhance mangrove resilience, adaptive mechanisms, and conservation efforts in response to climate-driven threats, such as sea-level rise, temperature fluctuations, storm intensification, and habitat degradation. Key areas include the following: Carbon dynamics; Climate impacts; Conservation strategies; Ecosystem services; Innovative management. We invite original research, reviews, case studies, and policy analyses addressing the following: Quantifying mangrove carbon stocks and sequestration rates; Successes/failures of conservation policies and community-based practices; Restoration ecology, including species-specific resilience and reforestation methods; Technological advances in monitoring mangrove health and carbon flux; Interdisciplinary studies linking ecology, socio-economics, and climate modeling. Submissions from diverse geographical contexts, particularly vulnerable regions, are encouraged.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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