Special Issue

Pathways to "Carbon Neutralization" in Forest Ecosystems

Message from the Guest Editors

Forests Ecosystems are the main body of the terrestrial ecosystem, which can absorb and stabilize the CO_2 in the atmosphere continuously, making it a huge carbon sink. Forming the main body of the terrestrial ecosystem, forests play a central role in the regional and global carbon cycles. For this Research Topic, Original Research articles and Reviews are welcome. Including (but are not limited to):

- Clarifying the spatio-temporal change pattern and environmental driving force mechanism of carbon sinks in typical forest ecosystems;
- Investigating the interaction mechanism between forest carbon stock change, tree species diversity, and stand structure;
- Studying management responses to formation, transformation, and stability of forest soil organic carbon for sequestration;
- Proposing estimation methods for forest carbon storage and improving the potential of carbon neutrality, management technology, and countermeasures.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2025)

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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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