# Special Issue

# Carbon Fluxes and Production in Forest Ecosystems

### Message from the Guest Editors

Clarifying carbon fluxes and production in forest ecosystems is a prerequisite for fully understanding carbon sequestration in terrestrial ecosystems, contributing to enhancing timber productivity and realizing net zero CO2 emissions around or after 2050. Forests store the largest carbon pool in terrestrial ecosystems, and exchange extensively with the atmosphere. Carbon fluxes and production in forest ecosystems can be affected by changes in many natural and anthropic factors. In turn, the responses of the carbon fluxes and production in forest ecosystems further aggravate or alleviate climate change. This Special Issue of *Forests* is focused on carbon fluxes and production in forest ecosystems, and how they are influenced by changes in natural and anthropic factors. Articles may focus on any aspect of carbon fluxes or production in forest ecosystems, including net primary productivity, photosynthesis, soil organic carbon formation and decomposition, ecosystem respiration, soil respiration and so on, and their responses to natural and anthropic disturbance.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 June 2022)

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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.

## Editor-in-Chief

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