

## Special Issue

# Functions of Biochar in Carbon Emission and Carbon Sequestration in Forest Ecosystems, 2nd Edition

### Message from the Guest Editor

The purpose of this Special Issue is to collect and organize information on the effects of biochar application on various components of forest ecosystems and to provide an outlook on the potential for carbon sequestration with biochar in forest ecosystems. In recent years, large-scale field biochar application experiments have been conducted in forest ecosystems, and the results of these studies will provide useful information on more realistic ecosystem responses that cannot be revealed only through laboratory experiments. This Special Issue invites you to submit papers on biochar application in forest ecosystems. In particular, we welcome submissions that demonstrate the effects of field biochar application experiments on ecosystem components or ecosystem functions. Papers on laboratory experiments conducted on forest soils or tree species are also welcome.

### Guest Editor

Dr. Shinpei Yoshitake

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### Deadline for manuscript submissions

30 November 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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### Editor-in-Chief

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