

Special Issue

Greenhouse Gas Dynamics and Balance in Forest-Peatland Ecosystem

Message from the Guest Editors

This Special Issue allows researchers to present previously unpublished data on the measurement of greenhouse gas fluxes, methodology and modeling of the assessment of carbon balance in forest and wetland ecosystems in relation to climate change. Topics of interest include, but are not limited to:

- Absorption and emission of greenhouse gases by forest and mires ecosystems in their natural and disturbed states and factors determining it;
- Stocks and quantification of carbon storages in forest and peatland ecosystems, soil carbon, vegetation productivity, dissolved and particular organic carbon in waters;
- Contribution of ground cover to the carbon cycle of peatlands and forest ecosystems;
- Impact of fires on fluxes and balance of greenhouse gases;
- Impact of deforestation on greenhouse gas fluxes and balance;
- Effects of insects on greenhouse gas fluxes and balance;
- The role of biological and microbiological processes in the carbon cycle of forest and mire ecosystems;
- Greenhouse gases in soil and boundary layer of the atmosphere.

Guest Editors

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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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