



## Greenhouse Gas Dynamics and Balance in Forest-Peatland Ecosystem

Guest Editors:

**Prof. Dr. Evgeniya A. Golovatskaya**

Institute of Monitoring of Climatic and Ecological Systems SB RAS,  
634055 Tomsk, Russia

**Dr. Egor A. Dyukarev**

Institute of Monitoring of Climatic and Ecological Systems SB RAS,  
634055 Tomsk, Russia

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### 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This Special Issue allows researchers to present previously unpublished data on the measurement of greenhouse gas fluxes, methodology and modeling of the assessment of carbon balance in forest and wetland ecosystems in relation to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.





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### Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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Forests Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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