



Forest Reaction to the Effect of Global Changes

Guest Editor:

Prof. Dr. Algirdas Augustaitis

Coordinator IUFRO WG 7.01.01,
Faculty of Forest Sciences and
Ecology, Aleksandras Stulginskis
University, Studentu 13 Kaunas
dstr., LT-53362 Kaunas, Lithuania

Deadline for manuscript
submissions:

closed (31 December 2018)

Message from the Guest Editor

Dear Colleagues,

The integrative effects of environmental changes, including air pollution and climate followed by changes in social and political conditions, have increasingly significant effect on forest ecosystem services, thus introducing uncertainties in operational forest management system.

The main objective of the presented Special Issue will mainly focus on filling the knowledge gaps in the areas of: (i) ecophysiological tree responses to multiple climate and pollution stressors; (ii) linkage between tree DNR and its physiological activity; (iii) embedding individual tree performance into the multi-factorial stand-level interaction network; (iv) forest CO₂ sequestration in carbon balance maintenance; and (v) forest ecosystem services and needs in new forest management treatments.

Therefore, we would like to foster the submission of manuscripts in the area of detection of integrated effects of environmental stress factors on a forest's capacity to adapt to and mitigate the main threats of global changes, forestry management recommendations aimed at maintenance of forest sustainability and its socio-ecological function.

Prof. Dr. Algirdas Augustaitis

Guest Editor





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

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

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank: JCR - Q1 (Forestry) / CiteScore - Q1 (Forestry)

Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/forests
forests@mdpi.com
X@Forests_MDPI