



forests

an Open Access Journal by MDPI



Longleaf Pine

Guest Editor:

Dr. Kurt Johnsen

US Forest Service, USDA,
Southern Research Station,
Asheville, NC 28806, USA

Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editor

Longleaf pine (*Pinus paustris*) ecosystems are the subject of restoration efforts in the Southeastern region of the United States. Close to 62,000 hectares of longleaf pine were planted in 2014 alone. Longleaf pine ecosystems contain an abundance of biological diversity, both floral and faunal. Longleaf pine can withstand perturbations such as experienced in hurricane event better than the two other southern pines, loblolly Pine (*Pinus taeda* L.) and slash pines (*Pinus elliottii* Engelm). Longleaf pine can live for over 400 years. This long lifespan requires it to face large variations in climate, insects and diseases. As it grows over such a long lifespan, it is worth considering if planted longleaf pine provides an avenue for carbon sequestration. In this Special Issue, we explore the potential quantity of C sequestered by longleaf pine and the biotic and abiotic challenges that face the species.



mdpi.com/si/13210

Special Issue



forests



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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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