

Special Issue

Ecology, Conservation and Resilience of Forested Wetlands Under Global Environmental Change

Message from the Guest Editors

This Special Issue aims to gather cutting-edge, multidisciplinary research that elucidate how forested wetlands respond, adapt or succumb to global environmental changes and anthropogenic stressors. By bridging foundational plant ecology with applied environmental sciences, this issue seeks to advance our understanding of community dynamics, eco-efficiency and conservation priorities in tropical, subtropical and temperate wet forests. We welcome studies evaluating both macroscopic shifts in biodiversity and microscopic physiological mechanisms triggered by climate fluctuations and chemical runoff. We highly encourage submissions utilizing innovative methodologies that push the boundaries of wetland science. This includes the application of high-resolution remote sensing (SAR, LiDAR) and species distribution modeling (SDM) to map structural degradation; advanced ecotoxicological assessments tracking the fate of pesticides and heavy metals in aquatic matrices and molecular or physiological studies on seed germination, hypoxia tolerance and metabolic responses to compound stressors (drought plus fire).

Guest Editors

Prof. Dr. Aline Lopes
Prof. Dr. Maria Teresa Fernandez Piedade
Dr. Pia Parolin

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Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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