

Special Issue

Environmental and Ecological Effects of Recent Deforestation and Biodiversity Loss in the Amazon Region

Message from the Guest Editors

The Amazon region has the largest rainforest in the world; however, the anthropogenic pressure and associated land cover changes have led to large-scale forest losses.

The Amazon rainforest influences the terrestrial climate system due to the exchanges of energy, carbon, and water between the surface and the atmosphere. In addition to providing water vapor to the environment through evapotranspiration, influencing the general circulation in the tropics and contributing to regional precipitation, the Amazon rainforest plays an important role in the global carbon cycle.

We welcome original research articles as well as review articles addressing, though not exclusively, the following topics:

New satellite data and tools to assess deforestation, forest fragmentation, and natural recovery; belowground biogeochemistry, plant demography and ecophysiology, plant functional traits, and aquifer-to-canopy hydrology; forest-atmosphere interactions; impacts of severe events such as droughts and fire; and resilience of the Amazon rainforest to extreme events, taking into consideration the drivers of land degradation and deforestation and further transitions under a climate change scenario.

Guest Editors

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Deadline for manuscript submissions

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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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