

Special Issue

Responses of Forest Ecosystems to Nitrogen Deposition

Message from the Guest Editor

Environmental legislation in countries around the world has led to notable declines in the atmospheric deposition of nitrogen (N), although most decreases relate to oxidized N, with reduced N increasing in many areas. Still, the deposition of N remains high in many regions globally. For areas where chronic atmospheric deposition of N has led to N saturation, excess N still chronically threatens the structure and function of ecosystems. Indeed, critical loads for N remain widely exceeded for many forests, leading to a variety of deleterious effects, all of which threaten the sustainability of impacted forests. It is likely that the recovery of N-impacted sites might require extended periods of time, especially in locations where base cations, such as Ca⁺⁺, have been depleted by accelerated NO₃- leaching. Thus, understanding the potential responses of forest ecosystems to N deposition remains essential. In this Special Issue of *Forests*, we explore on a global scale the multifaceted responses of forest ecosystems to both increases and decreases in N deposition, especially regarding plants and plant assemblages, as well as effects of N on forest biogeochemistry.

Guest Editor

Prof. Dr. Frank S. Gilliam

Department of Biology, University of West Florida, Pensacola, FL 32514, USA

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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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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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Prof. Dr. Giacomo Alessandro Gerosa

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

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