Special Issue

Relationship Between Tree Growth Dynamics and Climate Change

Message from the Guest Editors

Future climate change, characterized by a worldwide increase in temperature and altered precipitation patterns, is expected to be more impactful at the higher latitudes and elevations, leading to a higher tree sensibility to climate change in these areas. Consequently, studies have demonstrated geographically different growth patterns and often opposing trends. Additionally, soil properties and species-specific characteristics (such as tolerance of shade, leaf form, etc.) appear to either magnify or buffer tree growth under climate change-induced conditions. All of this demonstrates the paramount importance of focusing investigations on interspecific growth adaptation and competition to climate change, allowing for the spatiotemporal change in species distribution, notably at species range limits and thus at the forest ecotone. Accordingly, spatio-temporal tree growth dynamics appear to be more complex than anticipated by simulated models. Hence, this Special Issue concentrates on improving knowledge and the accuracy there of by incorporating more studies on how climate change impacts tree growth dynamics.

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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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