Special Issue

Impact of Climate Change on Biome Distributions in Forests

Message from the Guest Editor

Dear colleagues, Many forests around the world are close to biome edges (ecotones) which are likely to experience dramatic changes in vegetation, with warmer temperatures and changes in precipitation patterns. Forests welcomes submissions of reviews. observational, experimental or modeling studies to this Special Issue that examine: (1) current observations of forest change, (2) results of experimental manipulation of temperature and precipitation, (3) forest response to projected future climate scenarios, (4) biotic factors that counteract or reinforce the effects of climate change on forest biome boundaries (e.g., diseases and pests, invasive species, herbivores), (5) landscape factors that interact with climate change to affect forest biome distribution (e.g., landform diversity, elevation, polewardfacing slopes, basins with cold air pooling, water bodies, distribution of soil and substrate types), (6) potential refugia for the current forest biome as the climate warms, and (7) conservation implications of expected forest biome changes.

Guest Editor

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Deadline for manuscript submissions

closed (15 March 2021)



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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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