

Special Issue

Machine Learning Methods in Forest Ecosystem Sciences

Message from the Guest Editor

In recent years, the development and application of machine learning methods have gained a great deal of attention due to the ever-growing possibilities these data-driven methods offer to nearly every field of applied and theoretical sciences. Machine learning methods are as versatile and diverse as forest system science itself and can be applied to process simulations, pattern recognition, classification tasks, or the detection of features and changes thereof. This flexibility fosters interdisciplinary research, often combining various disciplines of forest research such as meteorological modeling; the quantification of carbon, water, and energy cycles climate impact assessments; canopy structure analyses; species distribution models; or assessments of wildfire hazard or pest and disease hazards, to name a few. Therefore, the journal *Forests* is dedicating a Special Issue featuring this exciting section of cutting-edge research methods. We invite contributions addressing the development, analysis, and/or application of machine learning methods, with a focus on forest sciences.

Guest Editor

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Deadline for manuscript submissions

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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.

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