Special Issue

Long-Term Productivity and Landscape Processes of Mixed Conifer Forests

Message from the Guest Editor

Mixed conifer forests are found throughout the temperate zones on a variety of landscapes in both the northern and southern hemispheres. Like most mixed species forests, mixed conifer forests exist because different species coexist in a temporal or spatial pattern. Particularly in mountainous regions, mixed conifer forests are highly heterogeneous and can vary over a short distance. Mixed species assemblages can be either seral or stable, developing under patterns of one or more disturbances or developing under a fairly specific edaphic and climatic regime. Depending on the severity of expected anthropogenic climate change effects, these assemblages may face novel conditions that upset the competitive balances that historically existed. This Special Issue will present research and operational monitoring results at scales ranging from the level of individual tree group or stand up to landscape processes. We welcome studies on (1) basic physiology and stand dynamics and (2) operational treatments and impacts that provide evidence of influences on forest resiliency and productivity.

Guest Editor

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