

Special Issue

Sustainable Land Management for Forests under Climate Change

Message from the Guest Editor

Forests are lands where the predominant land use and canopy cover consist of trees. According to the FAO 2015 Global Forest Resources Assessment, an estimated 13 million hectares of forest was lost to deforestation per year between 2000 and 2010. Over the last few decades, numerous studies have highlighted that afforestation and reforestation of previously forested lands are an important and widely accepted forest management practice to increase carbon sequestration, as well as the maintenance of mitigation and adaptation functions to climate change. Sustainable land use, forest resource management, and protection of biodiversity have been measured to assess impacts of climate change on rapid deforestation, desertification, and land degradation. Furthermore, unsustainable land management for forests has led to negative economic impacts. Climate change is projected to exacerbate these negative economic impacts. Therefore, this Special Issue aims to gather emerging scientific research conducted in the framework of sustainable land management for forests under a changing climate, as well as the implications for forest biodiversity, carbon sequestration, and economic development.

Guest Editor

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