

Forest Climate Change Initiative (FCCI)

The University of Maine's **Center for Research on Sustainable Forests** has initiated an effort to better coordinate regional research and scientists working on the potential effects of climate change on forests. The University of Maine has significant expertise on climate and forest resources, which exists across academics units, centers, and institutes. The FCCI web portal is intended to serve as a point of access to these resources and encourage networking among university expertise as well as external stakeholders.

crsf.umaine.edu/forest-climate-change-initiative/

FCCI Scientist Profile

Adam Daigneault

Assistant Professor of Forest, Conservation, and Recreation Policy

Institutional Affiliations: School of Forest Resources; Senator George J. Mitchell Center for Sustainability Solutions; Center for Research on Sustainable Forests

Research Focus: Climate change and freshwater policy analysis; equilibrium modeling, land use and land cover change, timber market analysis, benefits and costs of invasive species management



Adam Daigneault is Assistant Professor of Forest, Conservation, and Recreation Policy in the School of Forest Resources at the University of Maine. His work has been to develop quantitative models to assess the socio-economic impacts of environmental policy on the natural resource sectors, which includes climate change mitigation and adaptation. He has a Bachelor of Arts in Economics & Environmental Studies from Denison University and a Master of Arts in Economics as well as Doctorate in Philosophy in Environmental & Natural Resource Economics from The Ohio State University. Adam has been a faculty member since 2016 after being a Senior Economist at Landcare Research, New Zealand's leading institute on terrestrial ecosystems and biodiversity research and an Economist for the U.S. EPA.

Forest Climate Change Research Focus

Local-to-National Drivers of Land Sector Climate Change Mitigation & Adaptation

- Regional and global timber and carbon supply is likely to change under future climate and socioeconomic conditions.
- Decision support tools for the forest and agriculture sector can help inform climate change mitigation and adaptation potential at multiple scales.
- Implementing policies that incentivize better land management can provide benefits to a wide range of ecosystem services and rural economies.
- Natural Climate Solutions such as avoided deforestation, afforestation, and improved forest management have large potential to mitigate GHG emissions in Maine and abroad.

