



Center for Research on Sustainable Forests



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Position Announcement

Forest Carbon Economics and Modeling

Postdoctoral Research Associate Position at the University of Maine

POSITION DETAILS LINK

Full-time, fiscal-year, soft-money, post-doctoral research position with 100% research responsibility under the University of Maine's [Forest Carbon Economy \(FORCE\)](#) initiative to better predict forest stand development in the Acadian Region, evaluate long-term trends across the region, and conduct large landscape-scale simulations under alternative future scenarios. Responsibilities include:

- (1) quantifying the current stock and flow timber and carbon stocks and other forest ecosystem services at multiple scales (local to global),
- (2) developing and utilizing integrated decision support tools to analyze ecological and socio-economic impacts of forest resource policy, and
- (3) identifying policy options to facilitate efficient and cost-effective pathways to implement conservation plans, improve land management, and promote sustainable practices that enhance economic and socio-ecological resilience in forest-dependent communities.

Required Qualifications: PhD in Forestry or Resource Economics (or closely related field); research experience in forest modeling, biometrics, econometrics, and policy analysis; demonstrated record of referred journal publications; strong quantitative background including univariate, multivariate, and spatial analyses.

The Center for Research on Sustainable Forests (CRSF) was founded in 2006 to build on a rich history of leading forest research and to enhance our understanding of Maine's forest resources in an increasingly complex world. Forest research and its application are rapidly evolving due to unprecedented availability of data provided by emerging technologies such as high-resolution digital imagery and GPS. The CRSF is a leader in the development, integration, and application of emerging technologies to address current and future issues in natural resources.