



University of New Hampshire

# Fall 2020 Environmental Sciences Seminar Series

## Wednesday, September 30

2:30–3:30pm Online via Zoom—Register [here](#)

**Jaclyn Matthes**

**Assistant Professor, Biological Sciences, Wellesley College**  
*Forecasting the Ecosystem Impacts of Moderate Disturbances  
in Northeastern U.S. Forests*

A rise in moderate disturbances, for example from invasive insects and pathogens and climate change, is causing novel compound stress within northeastern U.S. forests. This set of projects develops a framework for modeling compound moderate disturbances by merging remotely sensed, sensor, and field data streams with a dynamic ecosystem model. We used this framework to test hypotheses regarding the impacts of compound biotic and climatic disturbance in forests and to generate new hypotheses that help to guide future research on past, present, and future forest disturbances.



*Seminar Host:: [Elizabeth Burakowski](#), ESRC/NRESS Faculty & NRESS Alum '13G*

*Series sponsored by the Natural Resources and Earth Systems Science (NRESS) Ph.D. Program, in partnership with the Earth Systems Research Center, and the Natural Resources and the Environment and Earth Sciences Departments.*

**Free - All are Welcome**

**Full Series and Registration [HERE](#).**