

THE DEPT OF FORESTRY & NATURAL RESOURCES PRESENTS

# FALL 2025 SEMINAR SERIES

MONDAY, OCTOBER 20TH  
WSLR 116 3:30 PM - 4:30 PM

JOIN US FOR A LECTURE AND CONVERSATION WITH



Chris Gough studies forest disturbance, succession, and structure-function relationships, and is the nephew of Purdue FNR's first female graduate, B.J. (Gough) Meadows.

*DR. CHRIS GOUGH*

## Resist!: Sustaining Forest Ecosystem Goods & Services in an Era of Rising Disturbance

Disturbances threaten vital forest goods and services, including wood production and carbon sequestration. I will highlight factors shaping forest responses, drawing on observational studies, large-scale experiments, and models. Tree mortality and defoliation—along with climate interactions—determine disturbance outcomes. Forests with greater biodiversity, varied tree sizes, abundant live vegetation and seeds, and sufficient nutrients are more resilient, sustaining wood production and carbon sequestration after insect damage. I will also discuss how aligning forest management with ecological knowledge can help sustain these services.

This series aims to stimulate discussion and create opportunities for collaborations. Everyone is welcome to attend.

**LOCATED AT 170 S UNIVERSITY STREET, WEST LAFAYETTE, IN 47907**

IF YOU ARE INTERESTED IN MEETING WITH DR. CHRIS GOUGH PLEASE  
CONTACT DR. BRADY HARDIMAN AT [HARDIMANB@PURDUE.EDU](mailto:HARDIMANB@PURDUE.EDU)