Title: GEDI-based forest metrics for fuel characterization and fire risk assessment

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This workshop focuses on the development of modeling approaches for fuel characterization and fire risk assessment using data from NASA's Global Ecosystem Dynamics Investigation (GEDI) mission. Participants will learn how to derive forest structure metrics relevant to fuel modeling, simulate GEDI waveforms, and build empirical models to estimate fuel load. The workshop will also introduce strategies for quantifying and propagating uncertainty in GEDI-derived metrics and model outputs. Participants will explore how GEDI's sampling framework can be leveraged to support fire risk assessments and landscape-scale fuel mapping.

Requirements: R and Rstudio installed

Schedule: December 8, 9:00 AM – 1:00 PM (EST)

Duration: 4 hours.