College of Forestry

- Forestry, Management Option
- Natural Resources
- Renewable materials
- Forest Engineering
- Forest Engineering/ Civil Engineering
- Forestry, Operations Option
- Tourism and Outdoor Leadership
- Recreation Resource Management
John Sessions

Forest Operations Management,
Forest Engineering,
Resources and Management
Teaching:
Forest Planning, Transportation Planning, Logging Mechanics, Combinatorial Optimization

Research:
Forest Supply Chain Management

Thesis Ideas:
- Collaboration in Log Truck Scheduling
- Biochar Production to Reduce Wildfire Hazard, Promote Carbon Sequestration, and Increase Agricultural Productivity
- Tools to Promote Recovery of High Value Forest Products
- Introduction of Wide Tires for Forest Transportation
- Economic Analysis of Central Tire Inflation in Forest Transportation
- Steep Slope Harvester and Forwarding For Forest Restoration and Thinning
Sara Robinson

Renewable Materials
Spalting!

Sara C. Robinson
Assistant Professor, Anatomy of Renewable Materials

Department of Wood Science and Engineering
Catalina Segura

Forest Engineering,
Resources and Management
Catalina Segura
FERM
Peavy 201
541-737-6568
Catalina.segura@oregonstate.edu

Eco-Fluvial-Hydrology Lab.
The Segura group studies/models catchment hydrology and fluvial processes in connection to stream ecology and water quality under natural and managed conditions.

Graduate students instrumenting a river reach

Thesis topic ideas/opportunities

- How do road crossings affect fish habitat?
- How does the isotopic composition of rain changes over the course of a storm?
- How do mass movement processes relate to the residence time of water?
Measuring forest-atmosphere gas exchange

Taking the temperatures of forests with thermal cameras

Studying coastal fog forests (in OR, CA, and Chile)

Christopher Still
Forest Ecosystems & Society
chris.still@oregonstate.edu