



# Introduction to the Swiss Needle Cast Cooperative

**David Shaw**  
**Director, SNCC**  
**Department of Forest Engineering, Resources, and Management**  
**Forestry and Natural Resources Extension**  
**College of Forestry**  
**Oregon State University**

# The Swiss Needle Cast Cooperative

<http://www.cof.orst.edu/coops/sncc/index.htm>

- **The Swiss Needle Cast Cooperative (SNCC) was established in January 1997.**
- **SNCC is located in the Department of Forest Engineering, Resources and Management within the College of Forestry at Oregon State University**
- **The focus of the SNCC is Swiss needle cast research and development of management tools for forest land owners in the Pacific Northwest.**



**2010 SNCC Members include:**

**Hampton Resources, Inc.**

**Oregon Department of Forestry**

**Starker Forests**

**Stimson Lumber Co.**

**Weyerhaeuser Corporation**

**USDA Forest Service**

**USDI Bureau of Land Management**



# Swiss Needle Cast Cooperative Program Areas

- **Disease Distribution and Severity**
  - Where and how bad?
  - Monitoring Program
- **Biology, Ecology and Epidemiology of *Phaeocryptopus gaeumannii***
  - Life cycle, genetics
  - Environmental controls on disease, forest biology
- **Disease Management, Silviculture**
  - Do silvicultural treatments increase or decrease disease severity?
- **Models/Tools**
  - ORGANON adjustment – Growth Impacts
  - Stand Assessment Tool
  - Disease Severity, Geographic Needle Retention Models
- **Integrated Pest Management**
  - Monitoring, Silviculture, Thresholds
  - Tree Improvement
  - Long term planning