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## Programming Areas

- Marketing, manufacturing, and management based programming for Lake States primary and secondary wood products industries.
- Economic impact of the wood products industry on local and state economies.
- Wood products demand and utilization: understanding environmental impact through product life-cycle assessment.

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## Audience and Partners

- Forest products industry
- Forest products trade associations
- Extension and agency professionals
- Public at large

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## Team Membership

- Natural Resources – Forestry Ecology & Management

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## Educational Resources

### Technical Publications

- Bergman, R.D. and S.A. Bowe. 2010. Life-Cycle Inventory of Hardwood Lumber Manufacturing in the Southeastern United States. CORRIM Phase II Final Report. Module L. University of Washington, Seattle, WA. September 2010. 61 pp.

- Bergman, Richard D. and Scott A. Bowe. 2010. Environmental Impact of Manufacturing Softwood Lumber Determined by Life-Cycle Inventory. *Wood and Fiber Science*. March 2010. 42(3)52-66.
- Hubbard, S.S. and S.A. Bowe. 2010. A Gate-to-Gate life-cycle inventory of solid hardwood flooring in the Eastern United States. *Wood and Fiber Science*. March 2010. 42(3)79-89.
- Wiemann, Michael C., Richard D. Bergman, Mark Knaebe, and Scott A. Bowe. 2009. Exploring Methods for Prevention of Oxidative Stain in Soft Maple. Research Paper FPL-RP-654. U.S. Department of Agriculture, Forest Service, Forest Products Laboratory. 6p.
- Bowe, Scott, Matt Bumgardner, and Terry Mace. 2008. Opportunities and Challenges for the Export of U.S. Value-added Wood Products to China. Gen. Tech. Rep. NRS-35. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 28 p.

### **Workshops, Wislines and Other Programs**

- Kiln Drying Short Course. Short Course sponsored by UWEX and the Lake States Lumber Association. Antigo, WI. June 29-30, 2010.
- Hardwood Lumber Grading and Manufacturing. Sponsored by the Lake States Lumber Association and UW-Extension. Instructors: Scott Bowe and Tim Kassis, Sales Manager, Kretz Lumber Co., Inc. Antigo, WI. July 21-23, 2010.
- Exporting from the Lake States: Understanding the Logistics and Markets for Log and Lumber Exporting. Sponsored by the Lake States Lumber Association and UW-Extension. Green Bay, WI. July 20, 2010.

### **Online Tools**

- Wisconsin's Primary and Secondary Wood Using Industry Databases. S. Bowe and T. Mace.  
<http://www.woodindustry.forest.wisc.edu/>
- Forestry Extension Publication and Online Tools. S. Bowe and M. Rickenbach.  
<http://fwe.wisc.edu/extension/>
- Wood Fueled Boiler Financial Feasibility User's Manual and Program. R. Govett, S. Bowe, T. Mace, S. Hubbard, J. Dramm, and R. Bergman.  
<http://fwe.wisc.edu/extension/boilermanual.htm>

### **Extension Publications**

- A Practical Guide for the Determination of Moisture Content of Woody Biomass. 2010. Govett, Robert, Terry Mace, and Scott Bowe. Wisconsin Department of Natural Resources, Division of Forestry. 10pp.
- Maintaining Competitiveness through Employee Ownership in the Forest Products Industry. 2008. Bowe, S., T. Mace, R. Govett. Wisconsin Department of Natural Resources, Division of Forestry. Publication PUB-FR-427 2008. 16 pp..
- Dehumidification Drying For Small Woodworking Firms and Hobbyists. 2007. Bowe, S., P. Molzahn, B. Bond, R. Bergman, T. Mace, and S. Hubbard. University of Wisconsin-Extension and the Wisconsin Department of Natural Resources. PUB-FR-396 2007..