

## Curriculum Vitae

6 October 2010

### Ben D. Spong

Rank: Assistant Professor

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West Virginia University  
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#### EDUCATION

- Oregon State University**, Corvallis, OR 2007  
**Ph.D.** in Forest Engineering  
Dissertation Title: A Decision Framework for the Implementation of Appropriate Logging Practices in Developing Countries: Case Study -- Ethiopia
- Oregon State University**, Corvallis, OR 2001  
**M.F.** in Forest Engineering  
Research Report Title: SkidPC 2000: a mobility, production, and rut depth simulation program
- University of Washington**, Seattle, WA 1994  
**B.S.** in Forest Resources

#### PROFESSIONAL

##### **West Virginia Registered Forester #680**

**Forest Operations Extension Specialist**, West Virginia University, Appalachian Hardwood Center,  
Morgantown, WV  
2005 – Current

**Graduate Research Assistant**, Oregon State University, Department of Forest Engineering, Corvallis, OR  
1998 – 2005

**Natural Resource Specialist**, Oregon Department of Forestry, Lyons, OR  
1996 – 1998

**Agroforestry Extension Agent**, United States Peace Corps, Mauritania, West Africa  
1994 – 1995

#### FORMAL UNIVERSITY TEACHING

##### **West Virginia University, Morgantown, WV**

###### **Professor –**

- 2007 - 2010 Forest Roads (WDSC 423)  
2007 - 2009 Forest Resources Management Field Practice - Instruction Team Member (FM 400)  
2005 - 2009 Harvesting Forest Products - Guest Lecturer (WDSC 422)  
2009 – 2010 Global Forestry Issues – Scheduled Lecturer (FRM 425)  
2006 – 2010 Wood Science Seminar- Scheduled Lecturer (WDSC 498)

**Oregon State University, Corvallis, OR**

**Instructor –**

2003, 2004           Harvesting Operations (FE 370)

**Teaching Assistant –**

2002, 2003           Logging Management (FE 471)

2002                   Harvesting Processes (FE 371)

2001, 2002           International Environmental Issues (INTL 407)

2001                   Harvesting Operations (FE 370)

1999, 2000           Engineering Computations (FE 215)

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**EXTENSION TEACHING**

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Forest Aesthetics. MeadWestvaco Forester Training. Lexington, VA. Presentation to 60 foresters. 16 September 2010.

Invasive Species and Technologies for Loggers. West Virginia Forestry Association and Appalachian Hardwood Center Webinar. Presentation for 12 Industry Foresters. 28 June 2010.

New Technologies to Aid the Logging Industry. New Technology for Forestry and the Wood Industry - Survival for the 21st Century, Ohio Forestry Association, Inc. Annual Meeting, Dublin OH. Presentation for 30 Forestry Association Members. 6 March 2010.

Forest Management. WV State Conservation Camp. Cowen, WV. Presentation to 130 high school students. 15 – 18 June 2010.

CPR and First Aid for Loggers. West Virginia Forestry Association. Elkins, WV. Presentation to 20 loggers. 3 June, 2010.

Forestry Best Management Practices. ForestryFlix Videos Series. Morgantown, WV. Presentation on DVD viewed by 242 woodland owners and general public. All Year – 2009.

Truck Safety Day. West Virginia Forestry Association. Mt. Hope, WV. Presentation of safety material to 5 Log Truck Drivers. 25 September 2009.

Forest Management. WV State Conservation Camp. Cowen, WV. Presentation to 130 high school students. 14 – 17 June 2009.

CPR and First Aid for Loggers. West Virginia Forestry Association. Elkins, WV. Presentation to 20 loggers. 27 May 2009.

BMP's in WV are they working? West Virginia Division of Forestry Stewardship Planwriters Workshop. Flatwoods, WV. Presentation to 110 Registered Foresters. 12 May 2009.

Forestry Extension at WVU. SAWLEX Trade Show. Morgantown, WV. Discussions with 60 sawmill owners, land owners, and other forest industry representatives. 28 May 2009

Smokey Bear. WV Division of Forestry. Morgantown, WV. Presented Smokey Bear program to 30 preschool children. 24 April 2009.

WV Conservation Camp. WV Garden Club Annual Meeting. Glade Springs, WV. Presented camp program to 80 garden club members. 7 April 2009.

Stream Crossings. West Virginia Division of Forestry Stewardship Planwriters Workshop. Flatwoods, WV. Presentation to 125 Registered Foresters. 4 March 2009.

Clickers – Turning Point 2008. Presentation to 10 WVU forestry faculty members. Morgantown, WV 26 February 2009.

WV Forestry and Forestry Extension Programming. Morgantown, WV. Presentation to visiting team of government officials and university representatives from Guanajuato Mexico. 7 November 2008.

WV Best Management Practices. WV Master Woodland Owner Program. Upperglade, WV. Presentation to 25 woodland owners. 11 October 2008.

Forestry Best Management Practices. ForestryFlix Videos Series. Morgantown, WV. Presentation on DVD viewed by 82 woodland owners and general public. All Year – 2008.

WV Forestry and Forestry Extension Programming. Bangkok, Thailand. Presentation to host faculty at Kasetsart University. 12 July 2008.

CPR and First Aid for Loggers. West Virginia Forestry Association. Elkins, WV. Presentation to 20 loggers. 17 June 2009.

Forest Management. WV State Conservation Camp. Cowen, WV. Presentation to 130 high school students. 8-12 June 2008.

Ethiopian Forestry. Missoula Montana Society of American Foresters. Missoula, MT. Presentation to 30 foresters. 16 October 2007.

Sawmill Demonstration. WVU Farm Day. Morgantown, WV. Presentation to general university and local residents (200 People). 14 October 2007.

African Forestry Practices. WVU Division of Forestry International Forestry Colloquium. Morgantown, WV. Presentation to 10 students and faculty. 27 September 2007.

Forest Management. WV State Conservation Camp. Cowen, WV. Presentation to 130 high school students. 11-15 June 2007.

Central Appalachian Harvesting Analyzer. WV State Division of Forestry. Morgantown, WV. Presentation to 15 state forestry foresters. 1 June 2007.

CPR and First Aid for Loggers. West Virginia Forestry Association. Elkins, WV. Presentation to 40 loggers. 6 February 2007.

## AWARDS

- Developing Researcher Award, WVU Extension Service, 2008
- Oregon Laurels Graduate Scholarships, 2005
- Oregon State University, College of Forestry Graduate Fellowships
  - Richardson Graduate Fellowship: 2001, 2002, 2003, 2004
  - Dorothy D. Hoener Memorial Fellowship: 2002, 2003, 2004
- Ralph Hull Foundation Research Fellowship: 2004
- Bruce Starker Memorial Fund Travel Fellowship: 2002 and 2003
- Oregon State University Forest Engineering PhD Student Award: 2002

## PROFESSIONAL MEMBERSHIPS

- Council on Forest Engineering
- Society of American Foresters
- American Camp Association

## SERVICE AND OTHER ACTIVITIES

- WVU Extension Service Farm Bureau Update Committee, 2009 - current
- IUFRO 3.08 Small-Scale Forestry Symposium Organizing Committee member, 2008-2009
- West Virginia Division of Forestry, Best Management Practices Review Committee member, 2008
- West Virginia Sustainable Forestry Initiative State Implementation Committee member, 2007 - current
- West Virginia University, Extension Service, Recognition Committee Chair. 2009 - current
- West Virginia University, Davis College of Agriculture, Forestry, and Consumer Sciences, Search committee member for Forest Hydrologist faculty position. 2008
- West Virginia Conservation Camp, Staff 2006 – 2008, Chairman, 2008 - Current
- West Virginia Forestry Association Safety Committee Member 2005 - Current
- Appalachian Hardwood Center Web Development
- West Virginia University, Extension Service, Search committee member for Agriculture and Natural Resources Extension Agent faculty position. 2007
- US Forest Service Sale Area Layout and Harvesting Institute (SALHI) workshop field exercise preparation and instruction, Corvallis, OR. 2002 and 2004
- Oregon State University Forest Engineering Department. Search committee for Roads and Transportation Engineering Professor. 2002
- Woodfor Africa, Forest Engineering Solutions for Achieving Sustainable Forest Resource Management: An International Perspective, Pietermaritzburg, South Africa, conference organization, call for papers, speaker coordination, and website. 2002
- Caterpillar Incorporated, Forest Engineering Concepts: Distributor Training Program Development. Development team member and presenter, Peoria, IL. 1999

## GRANTS RECEIVED

(TOTAL ≈ \$732,028)

- **Spong, B.D.** and S.T. Grushecky. Logging Operation Notification Inspection and Enforcement System. WV Division of Forestry. September 2010. \$43,606 (awarded, pending final paperwork)
- **Spong, B.D.** and S.T. Grushecky. West Virginia GREEN-UP: A Twenty-First Century Partnership to Support Energy Sector Education and Training-- Certified Logger Project. Workforce West Virginia. September 2010. \$246,596 (awarded, pending final paperwork)
- **Spong, B.D.** WVU Faculty Development Grant for Tri-State Camp Conference. March 2010. \$600

- **Spong, B.D.** and S.T. Grushecky. Mid Ohio Valley Biomass Feedstock Zone. Northeastern Area State and Private Forestry Competitive Grant. December 2009. \$253,314 total project, WVU funding \$72,840
- Grushecky, S.T. and **B.D. Spong**. Biomass Energy 2010. WV Division of Energy. December 2009. \$50,000
- **Spong, B.D.** Laws and Regulations for West Virginia Loggers Update. West Virginia Division of Forestry, November 2009. \$2520
- Grushecky, S.T. and **B.D. Spong**. Evaluation of Current Roundwood Utilization at Harvest Sites in West Virginia, Pennsylvania, Maryland, and Ohio. USDA Forest Service. June 2009. \$15,000
- McGill, D.W. 2009 IUFRO 3.08 SSF SPDC, Conference organization Grant. May, 2009, \$5000
- McGill, D.W. WVU Faculty Development Grant for IUFRO 3.08 Registration. March 2009. \$500
- **Spong, B.D.** WVU Faculty Development Grant for Tri-State Camp Conference. March 2009. \$400
- McGill, D.W., K. Piatek, K. Arano and **B.D. Spong**. 2009 IUFRO 3.08 Small-Scale Forestry Symposium, USDA Forest Service, Forest and Rangeland Renewable Resources Research. February 2009. \$5,000
- Grushecky, S.T. and **B.D. Spong**. Woody Biomass Resources in WV: A Three Phase Project Investigating Availability, Cost, and Opportunities for the WV Wood Products Industry. WV Division of Energy. September 2008. \$40,000
- McGill, D.W., K. Piatek, K. Arano and **B.D. Spong**. Graduate & Undergraduate Attendance at Small-Scale Forestry Conference. Daniel C. & Elizabeth D. Brown Faculty Development Fund. November 2008. \$3,000
- **Spong, B.D.** and J. Wang. WV Loggers Survey. West Virginia University Extension Service Seed grant for Research Projects. November 2008. \$1,970
- **Spong, B.D.** WVU Faculty Development Grant. January 2008. \$700
- **Spong, B.D.** and S.T. Grushecky. Mulch and Mulch Alternatives for use in Skid Road Reclamation. Section 319 Grant, WV Department of Environmental Protection. December 2007. \$35,390
- Grushecky, S.T. and **B.D. Spong**. Evaluation of Current Roundwood Utilization at Harvest Sites in West Virginia, Pennsylvania, Maryland, and Ohio. USDA Forest Service. September 2007. \$50,000
- Grushecky, S.T. and **B.D. Spong**. 2008 Wood Residue Survey. WV Division of Energy. September 2007. \$10,000
- Grushecky, S.T. and **B.D. Spong**. 2007 Wood Residue Survey. WV Development Office. October 2006. \$10,000
- **Spong, B.D.** Overview of Laws and Regulations Affecting West Virginia's Logging Businesses. West Virginia Division of Forestry, July 2006. \$27,858.
- Wang, J. and **B.D. Spong**. Development of a Logging Business Management System for Loggers to Enhance the Logging Extension Services in West Virginia. WVU Grants for Public Service. July 2006. \$9,376
- Grushecky, S.T., K. Means, J. Wang, **B.D. Spong**, and J. Gray. Development of an Expert System to Assess the Opportunities to Use Wood Residue as a Commercial and Industrial Fuel Source in the Appalachian Region. USDA Forest Service Wood Education and Resource Center. June 2006. \$65,261
- **Spong, B.D.** and J. Wang. Synthetic Rope in WV Logging Applications. West Virginia University Extension Service Seed grant for Research Projects. March 2006. \$1,750

- Edwards, J.W., S. Grushecky, **B.D. Spong**, D. McGill, and W. Grafton. Vegetation restoration recommendations for the Yeager Airport expansion project: Phase I. Yeager Airport. December 2005. \$30,061
- Grushecky, S.T. and **B.D. Spong**. 2006 Wood Residue Survey. WV Development Office. October 2005. \$10,000

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#### PEER-REVIEWED PUBLICATIONS

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- **Spong, B.D.**, S. Selmer. 2010. Leveraging Audience Response Systems for Programmatic Evaluation in Extension Education. Accepted for publication in The International Journal of Learning.
- **Spong, B.D.**, J. Wang, and D. Summerfield. 2009. Characteristics of West Virginia Loggers During Economically Difficult Times. In S. Fey, Editor. USDA Forest Service General Technical Report , Seventeenth Central Hardwood Forest Conference, University of Kentucky, Lexington, Kentucky, USA.
- Grushecky S.T., J. Wiedenbeck, and **B.D. Spong**. 2009. Roundwood Markets and Utilization in West Virginia and Ohio. In S. Fey, Editor. USDA Forest Service General Technical Report , Seventeenth Central Hardwood Forest Conference, University of Kentucky, Lexington, Kentucky, USA.
- Grushecky S.T., **B.D. Spong**, D.C. McGill, and J. Edwards. 2009. Reducing sediments from skid roads in West Virginia using fiber mats, Northern Journal of Applied Forestry, 26(3), September 2009
- **Spong, B.D.**, and J. Wang. 2008. Synthetic Rope Applications in Appalachian Logging. In D. F. Jacobs, Editor. USDA Forest Service General Technical Report , Sixteenth Central Hardwood Forest Conference, Purdue University, Lafayette, Indiana, USA.
- Harouff, S., S.T. Grushecky, and **B.D. Spong**. 2008. West Virginia Forest Industry Transportation Network Analysis Using GIS. In D. F. Jacobs, Editor. USDA Forest Service General Technical Report , Sixteenth Central Hardwood Forest Conference, Purdue University, Lafayette, Indiana, USA.
- Wang, J., W. Goff, and **B.D. Spong**. 2007. Compliance Analysis of Forestry Best Management Practices in West Virginia. International Journal of Forest Engineering. 18(1).
- Kellogg, L. and **B.D. Spong**. 2004. Cut-to-Length Thinning Production and Costs: Experience from the Willamette Young Stand Project. Research Contribution 47, Forest Research Laboratory, Oregon State University, Corvallis.

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#### UNREFEREED PUBLICATIONS, FACT SHEETS, AND WEB PROJECTS

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- McDonald, B.D., K. Arano, **B.D. Spong**, D.W. McGill, K. Piatek, Evaluation of Industrial Promoted Agroforestry in Andhra Pradesh and Madhya Pradesh, India. 2010. Proceedings of the 2010 IUFRO 3.08 Small-Scale Forestry Symposium. June 2010, Bled, Slovenia.
- Grushecky, S.T., K. Means, J. Wang, and **B.D. Spong**. 2009. Development of an expert system to assess the opportunities to use wood residue as a commercial and industrial fuel source in the Appalachian region. Final Report to the USDA Forest Service Wood Education and Resource Center.
- **Spong B.D.**, S.T. Grushecky, R. Bragonje, and J. Gray. 2009. West Virginia Wood By-Products Available and Needed.
- **Spong, B.D.** Get ready to heat with firewood. 2009. West Virginia Farm Bureau News. 17(11).
- McDonald, B.D., and **B.D. Spong**. 2009. Agroforestry Technologies for Pulp and Paper Contract Farmers. In Piatek, K., B.D. Spong, S. Harrison, and D. McGill. 2009. Seeing the Forest Beyond the Trees: New possibilities and expectations for products and services from small-scale forestry.

Proceedings of the 2009 IUFRO 3.08 Small-Scale Forestry Symposium. June 2009, Morgantown, WV, United States: West Virginia University, Division of Forestry and Natural Resources.

- Piatek, K., **B.D. Spong**, S. Harrison, and D. McGill. 2009. Seeing the Forest Beyond the Trees: New possibilities and expectations for products and services from small-scale forestry. Proceedings of the 2009 IUFRO 3.08 Small-Scale Forestry Symposium. June 2009, Morgantown, WV, United States: West Virginia University, Division of Forestry and Natural Resources.
- **Spong B.D.**, R. Bragonje, S.T. Grushecky, and J. Gray. 2008. West Virginia Wood By-Products Available and Needed.
- **Spong, B.D.** and S. Grushecky. 2008. Mulch Alternatives for Skid Road Reclamation. In: Proceedings of the 31st Annual Meeting of the Council on Forest Engineering, S.A. Baker, M.C. Bolding, and W.D. Greene, eds. Charleston, SC, June 2008.
- **Spong, B.D.**, S. Grushecky, B. McDonald. West Virginia Logger and Timber processor Newsletter. Appalachian Hardwood Center, West Virginia University. 5(1). 2008.
- **Spong B.D.** and D. Magill, 2007 Directory of WV Consulting Foresters. Online interactive directory. Site: [www.caf.wvu.edu/ahc\\_resources/](http://www.caf.wvu.edu/ahc_resources/)
- **Spong B.D.**, S.T. Grushecky, R. Bragonje, J. Gray, and J. Slahor. 2007. West Virginia Wood By-Products Available and Needed, July 2007.
- **Spong B.D.** 2007. Skidding Logs with Synthetic Rope Research Bulletin. Appalachian Hardwood Center, West Virginia University.
- **Spong B.D.** 2007. Laws and Regulations for West Virginia Loggers, State of West Virginia, Division of Forestry. March 2007.
- Maille, R., **B.D. Spong**, and D. McGill, 2007. Best Management Practices To Control & Reduce Soil Erosion & Sedimentation. Appalachian Hardwood Center, West Virginia University.
- **Spong, B.D.** Woodland Road Maintenance. 2006. West Virginia Farm Bureau News. 14(8).
- **Spong, B.D.** and L. Kellogg. 2006. A Timber Harvesting Decision Framework for Ethiopian Forests. In Proceedings of Council on Forest Engineering 29<sup>th</sup> Annual Meeting, Coeur d'Alene, Idaho.
- Bragonje, R., S.T. Grushecky, **B.D. Spong** J. Slahor, and L. Osborn. 2006. West Virginia Wood By-Products Available and Needed, July 2006
- Bragonje, R., S.T. Grushecky, L. Osborn, **B.D. Spong** and J.F. McNeel. 2005. West Virginia Wood By-Products Available and Needed, July 2005
- Kellogg, L., **B.D. Spong**, and P. Licht. 2002. Editors. Woodfor Africa, Forest Engineering Solutions for Achieving Sustainable Forest Resource Management: An International Perspective, Pietermaritzburg, South Africa, Conference Proceedings, Department of Forest Engineering, Oregon State Univ., Corvallis.
- **Spong, B.D.** 2002. Simulation of environmental impacts, mobility, and production of ground skidding machines. In Proceedings "Woodfor Africa, Forest Engineering Solutions for Achieving Sustainable Forest Resource Management: An International Perspective", Pietermaritzburg, South Africa. Loren Kellogg, Ben Spong, and Pricilla Licht editors. Department of Forest Engineering, Oregon State University, Corvallis.

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## ORAL PRESENTATIONS

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- 2010. Assessing Program Impacts in Extension Teaching with an Audience Response System. 17th International Conference on Learning, Hong Kong Institute of Education, 6-9 July 2010. Hong Kong.

- 2010. Characteristics of West Virginia Loggers During Economically Difficult Times. Seventeenth Central Hardwood Forest Conference. 4-7 April 2010. Lexington, Kentucky, USA.
- 2010. A Survey of Forest Engineering and Forest Operations Programs in North America, 8th Biennial Conference on University Education in Natural Resources, 25-27 March 2010. Virginia Tech, Blacksburg, VA.
- 2010. Current Technology in Timber Harvesting, 2010 Ohio Forestry Association Annual Meeting, 5-6 March 2010. Dublin, OH.
- 2009. Agroforestry Technologies for Pulp and Paper Contract Farmers. 2009 IUFRO 3.08 Small-Scale Forestry Symposium, Seeing the Forest Beyond the Trees: New possibilities and expectations for products and services from small-scale forestry. Morgantown, WV.
- 2009. Logging Workforce – supply challenges and efficient utilization. 2009 BTU’s From the Forest Conference, Morgantown, WV.
- 2009. BMP compliance-- What does the research show? West Virginia Division of Forestry’s Best Management Practices for Forest Stewardship Plan Writers Meeting. Flatwoods, WV.
- 2009. New Lessons on BMP’s, West Virginia Division of Forestry’s Best Management Practices for Forest Stewardship Plan Writers Meeting. Flatwoods, WV.
- 2009. Carbon options in forestry. WVU Extension, Agriculture and Natural Resources Program Unit Meeting, Jackson’s Mill, WV.
- 2009. Stream Crossings. West Virginia Division of Forestry’s Forest Access Roads for Forest Stewardship Plan Writers Meeting. Flatwoods, WV.
- 2009. WV State Conservation Camp. West Virginia Garden Club Convention, Glade Springs, WV.
- 2008. Supplying New Markets with Forest Products from West Virginia. Grushecky, S.T., J.X. Wang, and B.D. Spong. Small Wood 2008 and Bioenergy and Wood Products. Madison, WI.
- 2008. Invited Moderator for Sessions on Wood Economics and Feasibility of Interface Forestry and Value Recovery Approaches. Council on Forest Engineering 31<sup>st</sup> Annual Meeting, Charleston, SC.
- 2008. Mulch Alternatives for Skid Road Reclamation. Council on Forest Engineering 31<sup>st</sup> Annual Meeting, Charleston, SC.
- 2008. Synthetic Rope Applications in Appalachian Logging. Sixteenth Central Hardwood Forest Conference, Purdue University, Lafayette, Indiana.
- 2007. State of the Art in Ethiopian Timber Harvesting, Montana Society of American Foresters, Missoula Chapter October Business Meeting.
- 2007. An Introduction to Ethiopia and Timber Harvesting. WVU International Forestry Colloquium.
- 2006. Global Perspectives on Timber Harvesting and Wood Products. Wood Science and Technology, West Virginia University, Fall Graduate Seminar.
- 2006. Invited Moderator for Session on Wood Quality and the Supply Chain. Council on Forest Engineering 29<sup>th</sup> Annual Meeting, Coeur d’Alene, Idaho.
- 2006. A Timber Harvesting Decision Framework for Ethiopian Forests. Council on Forest Engineering 29<sup>th</sup> Annual Meeting, Coeur d’Alene, Idaho.
- 2004. Skyline Thinning in Oregon and Washington. Western Region Council on Forest Engineering Seminar, Corvallis, Oregon.
- 2003. Timber Harvesting in the Pacific Northwestern USA and Reduced Impact Logging Opportunities in Africa. Wondo Genet College of Forestry Special Seminar, Wondo Genet, Ethiopia.



- 2002. A Photo Travelogue of Spectacular Highlands, Agroforestry, and Many Cultures. Co-presenter with L. Kellogg and B. Bishaw. Oregon State University, Department of Forest Engineering and Department of Forest Science, Ethiopia Day Seminar, Corvallis, Oregon.
- 2002. A mobility and production computer simulation program for ground skidding machines. Woodfor Africa Forest Engineering Conference, Hilton College, Pietermaritzburg, South Africa.
- 2002. Timber harvesting system selection to meet wildlife goals. The Oregon Chapter of The Wildlife Society. Managing Green Tree, Snag, and Log Structures In Harvest Units – Challenges And Opportunities, Glenden Beach, Oregon.
- 2001. SkidPC, a mobility and production computer simulation program for ground skidding machines. Inland Empire Forest Engineering Conference, University of Idaho, Moscow, Idaho.
- 2001. The Young Stand Thinning & Diversity Study Field Tour. Logging Systems Research Results Presentation. USFS, Willamette National Forest and Cascade Center for Ecosystem Management, Oakridge, Oregon.

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## POSTERS

- 2010. A Survey of Forest Engineering and Forest Operations Programs in North America, Council on Forest Engineering Annual Meeting. Auburn, AL.
- 2004. Decision Framework for the Implementation of Appropriate Logging Techniques in Ethiopia and Rural South Africa. Council On Forest Engineering Annual Meeting, Hot Springs, Arkansas.
- 2002. International Forest Engineering Institute and Reduced Impact Harvesting Implementation. Wood for Africa Conference, Pietermaritzburg, South Africa.
- 2001. SkidPC 2000, A Mobility, Production, and Rut Depth Simulation Program. Oregon Logging Conference, Eugene, Oregon.
- 2001. Mobility, Production, and Rut Depth Simulation Software. International Mountain Logging and Eleventh Pacific Northwest Skyline Symposium, Seattle, Washington.