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SCHOOL OF FORESTRY AND NATURAL RESOURCES
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CURRICULUM VITAE
June 8, 2017

EDUCATION

Ph.D., Forest Resources, Oregon State University, 1996.
 M.S., Forest Economics / Management, Virginia Polytechnic Institute and State University, 1989.
 B.S., Forestry, Virginia Polytechnic Institute and State University, 1987.

ACADEMIC POSITIONS HELD

Professor, School of Forestry and Natural Resources, University of Georgia, Athens, GA, 2009-present.
 Interim Associate Dean for Academic Affairs, School of Forestry and Natural Resources, University of Georgia, Athens, GA, 2015.
 Faculty Fellow, Institute of Artificial Intelligence, University of Georgia, 2004-present.
 Associate Professor, School of Forestry and Natural Resources, University of Georgia, Athens, GA, 2002-2009.
 Assistant Professor–Senior Research, Department of Forest Resources, Oregon State University, Corvallis, OR, 1998-2002.
 Faculty Research Associate, Department of Forest Resources, Oregon State University, Corvallis, OR, 1996.
 Faculty Research Assistant, Department of Forest Engineering, Oregon State University, Corvallis, OR, 1991-1993.

NON-ACADEMIC POSITIONS HELD

Geographic Information Systems Manager, Champion Pacific Timberlands, Inc., Puyallup, WA, 1997-1998.
 Research Forester, Champion International Corporation, Puyallup, WA, 1996-1997.
 Economist, USDA Forest Service, Pacific Northwest Research Station, Corvallis, OR, 1993-1996.
 Volunteer, GIS Department, Siuslaw National Forest, Corvallis, OR, 1991-1994.
 Research Forester, Procter & Gamble Cellulose, Perry, FL, 1990-1991.
 Resource Planning Forester, Procter & Gamble Cellulose, Perry, FL, 1989-1990.
 Forest Technician, Sierra Pacific Industries, Redding, CA, 1989.
 Independent Contractor, Site preparation burning, Chesterfield, VA, 1987.
 Forester (Cooperative ed.), Continental Forest Investments, Prince George, VA, 1985-1987; Taylor, FL, 1984.

DR. BETTINGER'S FIELDS OF SPECIALIZATION INCLUDE

Forest Planning and Management, Harvest Scheduling, Geographic Information Systems, Global Positioning Systems

TEACHING EXPERIENCE

University of Georgia, Regular Academic Courses

Advanced Forest Planning (FORS 8450), 2003-2016.
Advanced GIS (FORS 7210), 2005.
Aerial Photogrammetry in Forestry (FORS 5650 / 7650), 2004-2017.
Field Orientation and Measurements in Forest Resources (FANR 3000), 2002-2016.
Forestry Information Systems (FORS 5670 / 7670), 2012, 2014, 2016.
Forest Planning (FORS 4710 / 6710), 2003-2017.
GIS Applications in Forestry (FORS 5630 / 7630 / 8980), 2007, 2009.
Prescribed Fire (FORS 5610 / 7610), 2006-2007.

Oregon State University, Regular Academic Courses

Accuracy Assessment of Remotely Sensed Databases (Forest Resources 505), 2001.
Aerial Photograph Interpretation and Forest Measurements (Forest Resources 220), 2000-2002.

Engineering Computations Laboratory (Forest Engineering 215), 1995-1996.
Forest Data Management with Visual Basic (Forest Resources 405 / 505), 2000-2001.
Forest Resource Planning and Decision Making (Forest Resources 459), 2001.
GIS Applications in Forestry (Forest Resources 499 / 599), 1999-2002.
Stand-Level Optimization (Forest Resources 605), 2001.

Continuing Education Courses

Advanced ArcGIS with Raster Data, University of Georgia (2011).
Aerial Photogrammetry Refresher, University of Georgia (2004, 2010, 2011).
Forests and Hurricanes: Impacts and Planning Considerations, University of Georgia (2010, 2012).
Forest Data Management with Visual Basic, Oregon State University (2000), University of Georgia (2003).
Forest Planning Heuristics, University of Georgia (2011).
Forest Management I: Tree- and Stand-Level Decisions, University of Georgia (2010-2012).
Forest Management II: Forest-Level Decisions, University of Georgia (2011).
GPS for Beginners, University of Georgia (2007-2014).
GPS Research in Natural Resources, University of Georgia (2010, 2011).
Introduction to ArcView 3.x and ArcGIS 9.x, University of Georgia (2007).
Introduction to ArcGIS, University of Georgia (2008-2016).
Managing Forest Landscapes for Ecosystem Values (Tactical planning part), Oregon State University (1994-1995).
Map Making: The Basics, University of Georgia (2016).
Online Mapping Services for Foresters, University of Georgia (2012-2014).

Distance Education Courses

Forest Fragmentation and Land Use Change, University of Georgia (2009). 1.5 CFE credits.
Introduction to GPS, University of Georgia (2010). 1.0 CFE credits.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Phi Kappa Phi, 1996-present.
 Society of American Foresters, 1987-present.

- a. Working Group E2, Land Use Planning, Management, and Organization.
 - 1) Chair, 2001-2002; 2011-2012.
 - 2) Chair-Elect, 1999-2000.
 - 3) Secretary, 2005-2007, 2012-2014.
- b. Oconee Chapter (GA) 2002-present.
- c. Mary's Peak Chapter (OR) 1991-1996, 1998-2002.
 - 1) Delegate at Large, 1994.
- d. South Puget Sound Chapter (WA) 1996-1998.
- e. Choctawhatchee Chapter (FL) 1989-1991.
- f. Virginia Tech Student Chapter 1987-1989.

Xi Sigma Pi, 1985-present.

- a. Chi Chapter (Virginia Polytechnic Institute and State University).
 - 1) Forester (President), 1986-1987.
- b. Zeta Chapter (Oregon State University).

OTHER PROFESSIONAL ACTIVITIES

Membership on Editorial Boards - Current

African Journal of Environmental Science and Technology, 2010-present.
European Journal of Forest Engineering, 2015-present.
Forest Science, 2005-present.
Journal of Sustainable Forestry, 2004-present.
Mathematical and Computational Forestry & Natural-Resource Sciences, 2008-present.

Membership on Editorial Boards - Past

African Journal of Agricultural Research, 2006-2009.
International Journal of Forestry Research, 2008-2009.
Research Journal of Forestry, 2010-2015.
Southern Journal of Applied Forestry (Guest Associate Editor), 2013.

The Open Forest Science Journal, 2011-2015.
Western Journal of Applied Forestry, 1998, 2006-2013.

International Activities and Associations

Deputy Coordinator, IUFRO Division 4.04.00 - Forest management planning.
 Facilitated the development of an International Cooperative Agreement between Istanbul University (Turkey) and the University of Georgia, 2012.
 Facilitated the development of an International Cooperative Agreement between Duzce University (Turkey) and the University of Georgia, 2013.

Service to Review Teams

Member, USDA CSREES Review Team, Forest Management Dept., University of Maine, 2003.
 Member, USDA CSREES Review Team, Forest Ecosystem Sci. Dept., University of Maine, 2003.
 Coordinator, External Independent Review process for USDA Forest Service, Northern Region, vegetation management treatment scheduling process, 2006.
 Member, Forest Management and Forest Operations BSF Degree Review Team, University of British Columbia, 2015.

Service to Conference Planning Teams

Conference Chair, 4th Southern Forestry and Natural Resources GIS Conference, Athens, GA, 2004.
 Conference Chair, 5th Southern Forestry and Natural Resources GIS Conference, Asheville, NC, 2006.
 Conference Chair, 6th Southern Forestry and Natural Resources GIS Conference, Orlando, FL, 2008.
 Conference Chair, 8th Southern Forestry and Natural Resources GIS Conference, Athens, GA, 2011.
 Conference Chair, 9th Southern Forestry and Natural Resources GIS Conference, Athens, GA, 2013.
 Conference Chair, 10th Southern Forestry and Natural Resources GIS Conference, Athens, GA, 2015.
 Conference Chair, 11th Southern Forestry and Natural Resources GIS Conference, Athens, GA, 2017.
 Planning Committee Member, 13th Symposium on Systems Analysis in Forest Resources, Charleston, SC, 2009.
 Planning Committee Member, 7th Southern Forestry and Natural Resources GIS Conference, Athens, GA, 2009.
 Scientific Committee Member, International IUFRO Conference on Sustainable Harvest Scenarios in Forest Management (IUFRO WP 4.04.10).
 Scientific Committee Member, 1st International Symposium of Forest Engineering and Technologies, Bursa, Turkey, 2015.

Service to Journal Review Processes

Acta Forestalia Fennica, 1996.
African Journal of Agricultural Research, 2007, 2009-2011.
African Journal of Environmental Science and Technology, 2007-2008.
Ambio, 2009.
Applied Mathematical Modelling, 2017.
Applied Remote Sensing, 2014.
Asian Journal of Applied Sciences, 2017.
Automation in Construction, 2007.
BC Journal of Ecosystems & Management, 2005.
Canadian Journal of Forest Research, 1999, 2001-2010, 2012, 2015-2017.
Canadian Journal of Remote Sensing, 2013.
Computers and Electronics in Agriculture, 2003, 2007-2008.
Croatian Journal of Forest Engineering, 2012, 2014-2015, 2017.
Current Forestry Reports, 2014.
Ecological Applications, 2007, 2013.
Ecological Economics, 2008-2009.
Ecological Modelling, 2016.
Ecosphere, 2017.
Environmental Management, 1996-1997, 1999-2001, 2006, 2010, 2013-2014.
Environmental Monitoring and Assessment, 2013.
Environmental Practice, 2013.

European Journal of Forest Research, 2009, 2014.
European Journal of Operational Research, 2004, 2007, 2009-2010, 2012, 2015-2016.
Forest Ecology and Management, 2000, 2005-2008, 2010-2013, 2015-2016.
Forest Policy and Economics, 2005, 2007-2009, 2013-2017.
Forest Science, 1997, 1999-2001, 2003-2006, 2010-2013, 2015-2017.
Forest Systems, 2011.
Forestry, 2007, 2013.
Forestry Ideas, 2010.
Forests, 2013-2015.
Geographical Analysis, 2002.
GIScience & Remote Sensing, 2015.
Global Change Biology, 2014.
Information Systems and Operations Research (INFOR), 2006, 2012, 2015.
International Journal of Agricultural Resources, Governance and Ecology, 2016.
International Journal of Applied Geospatial Research, 2014.
International Journal of Forest Engineering, 2002, 2005, 2015.
International Journal of Forestry Research, 2010-2011, 2014-2015.
International Journal of Production Economics, 2006.
International Journal of Remote Sensing Applications, 2013.
International Journal of Wildland Fire, 2009.
International Transactions in Operations Research, 2002.
Journal of Applied Ecology, 2014.
Journal of Cleaner Production, 2017.
Journal of Emergency Management, 2009-2012, 2014, 2017.
Journal of Environmental Economics and Management, 2002, 2011.
Journal of Environmental Management, 1999, 2004-2007, 2009-2015, 2017.
Journal of Forest Economics, 2016.
Journal of Forest Research, 2014.
Journal of Forestry, 2003, 2005, 2007-2015.
Journal of Plant Sciences, 2016.
Journal of Sustainable Forestry, 2004, 2006-2010, 2012-2014.
Journal of the American Water Resources Association, 1997-2002, 2008.
Landscape Ecology, 2004-2005.
Landscape and Urban Planning, 2015.
Mathematical and Computational Forestry & Natural-Resource Sciences, 2008-2010, 2013-2015.
Natural Resources Modeling, 2001.
New Zealand Journal of Forest Science, 2015.
Northern Journal of Applied Forestry, 2011.
Open Journal of Forestry, 2017.
Pesquisa Agropecuária Tropical, 2014.
Photogrammetric Engineering and Remote Sensing, 2002-2003.
PLoS ONE, 2014-2016.
Remote Sensing, 2014, 2016.
Research Journal of Forestry, 2012, 2015.
Scandinavian Journal of Forest Research, 1998, 2011, 2015-2016.
Science of the Total Environment, 2016.
Scientific Research and Essays, 2011.
Sensors, 2016-2017.
Silva Fennica, 1999-2000, 2004-2006, 2010, 2012, 2015-2016.
SINTEF Applied Mathematics (Norway), 2006.
Small-Scale Forest Economics, Management, and Policy, 2006.
Southeastern Geographer, 2016.
Southern Journal of Applied Forestry, 2005-2008, 2010.
Sustainability, 2017.
The Extractive Industries and Society, 2014.

The Forestry Chronicle, 2004.
The International Forestry Review, 2016.
The Open Forest Science Journal, 2009, 2012.
Transactions of the ASABE, 2014.
Transportation Research Part A: Policy and Practice, 2016.
Tree Physiology, 2004.
Western Journal of Applied Forestry, 1993, 2006.

Service as an External Examiner of PhD Dissertations

University of New Brunswick, 2001.
 University of British Columbia, 2004.

Service for Proposal Review Processes

Chile National Commission for Scientific and Technological Research Program (FONDECYT 2011), 2010.
 Chile National Commission for Scientific and Technological Development Program (FONDECYT 2012), 2011.
 Maryland Sea Grant Omnibus 2011-2012 pre-proposal review, 2010.
 Maryland Sea Grant Omnibus 2011-2012 full proposal review, 2010.
 NASA Postdoctoral Program, 2013, 2015.
 Natural Sciences and Engineering Research Council of Canada, Discovery Grant program, 2006.
 Natural Sciences and Engineering Research Council of Canada, Discovery Grant Research Evaluation Group, 2015-2017.
 National Science Foundation, 2006.
 National Science Foundation EPSCoR Research Infrastructure Improvement Grant Program (RII), 2005.
 Northern Arizona University, Mission Research Program, 2013.
 Research Council of Canada, Natural Sciences and Engineering, Civil, Industrial and Systems Engineering (Program 1509) Discovery Grant proposals, 2011.
 Research Council of Canada, Natural Sciences and Engineering, Collaborative Research and Development Program, 2013.
 Small Business Innovation Research program, USDA Cooperative State Research Education and Extension Service, 2001, 2005-2006.
 Sustainable Forest Management (SFM) Network (University of Alberta, Canada), 2004.
 USDA CSREES National Research Initiative, 2005.
 Virginia Tech McIntire-Stennis program, 2009.

Other Service

Georgia Tree Farm Program, Executive Committee, 2017.
 Reviewer, ESRI's SpatialLAB project, 2010.
 Book proposal reviewer, Springer, 2010.
 Book proposal reviewer, ESRI Press, 2012.

HONORS AND RECOGNITION

2017. Alumni Award for Outstanding Teaching, School of Forestry and Natural Resources, University of Georgia.
 2016. Creative Research Medal, University of Georgia.
 2012. Xi Sigma Pi Herrick Professor of the Year, School of Forestry and Natural Resources, University of Georgia.
 2011. Outstanding Teacher, School of Forestry and Natural Resources, University of Georgia.
 2009. Southeastern Society of American Foresters, Award of Excellence, Research and Development.
 2009. Honorary Member, AGHON (The University of Georgia Agricultural Honorary Society).
 2007. Society of American Foresters Working Group Merit Award. In recognition of a significant contribution to the Society of American Foresters Science Program, the officers (Eric Cox, Michael Wing, Pete Bettinger) of the E2 Working Group (Land use planning, organization, and management) were recognized for superior service to the Society of American Foresters.
 2006. Herrick Superior Teaching Award, School of Forest Resources, University of Georgia.
 2005. Xi Sigma Pi Outstanding Professor in Forest Resources, School of Forest Resources, University of Georgia.
 1999. Certified Forester #866, Society of American Foresters (re-certified 2008).
 1992, 1995, 1998, 2002. Continuing Forestry Education Certificate, Society of American Foresters.

1994. Saubert Fellowship, Oregon State University.
 1993. American Society for Photogrammetry and Remote Sensing, Columbia River Region Scholarship.
 1993. J.R. Dilworth Fellowship, Oregon State University.
 1988. Outstanding Member, Xi Sigma Pi, Chi Chapter, VPI.
 1987. Outstanding Member, Xi Sigma Pi, Chi Chapter, VPI.

PUBLICATIONS

Books

- Bettinger, P., K. Boston, J.P. Siry, and D.L. Grebner. 2017. *Forest Management and Planning, second edition*. Academic Press, New York. 349 p.
- Siry, J.P., P. Bettinger, K. Merry, D.L. Grebner, K. Boston, and C. Cieszewski (eds.). 2015. *Forest Plans of North America*. Academic Press, New York. 458 p.
- Grebner, D.L., P. Bettinger, and J.P. Siry. 2013. *Introduction to Forestry and Natural Resources*. Academic Press, New York. 496 p.
- Bettinger, P., K. Boston, J.P. Siry, and D.L. Grebner. 2012. *Forest Management and Planning* (Chinese translation). Ke'AI Communications, Beijing, China. 394 p.
- Bettinger, P. 2011. *Forest planning desk reference: Terminology and examples*. LAP Lambert Academic Publishing, Saarbrücken, Germany. 102 p.
- Bettinger, P., and K.L. Merry. 2011. *Global navigation satellite system research in forest management*. LAP Lambert Academic Publishing, Saarbrücken, Germany. 64 p.
- Bettinger, P., K. Boston, J.P. Siry, and D.L. Grebner. 2009. *Forest Management and Planning*. Academic Press, New York. 331 p.
- Wing, M.G., and P. Bettinger. 2008. *Geographic Information Systems: Applications in Natural Resource Management*. Oxford University Press, Canada. Don Mills, ON. 268 p.
- Davis, L.S., K.N. Johnson, P. Bettinger, and T.E. Howard. 2005. *Forest Management. Fourth edition*. Waveland Press, Inc., Long Grove, IL. 804 p.
- Bettinger, P., and M.G. Wing. 2004. *Geographic Information Systems: Applications in Forestry and Natural Resources Management*. McGraw-Hill, Inc., New York. 230 p.
- Davis, L.S., K.N. Johnson, P.S. Bettinger, and T.E. Howard. 2001. *Forest Management. Fourth edition*. McGraw-Hill, Inc., New York. 804 p.

Book Chapters

- Bettinger, P., K. Merry, E. Mavity, D. Rightmyer, and R. Stevens. 2015. Chattahoochee-Oconee National Forest, Georgia, United States of America. *In Forest Plans of North America*, Siry, J.P., P. Bettinger, K. Merry, D.L. Grebner, K. Boston, and C. Cieszewski (eds.). Academic Press, New York. pp. 277-284.
- Demirci, M., P. Bettinger, and K. Merry. 2015. San Juan National Forest, Colorado, United States of America. *In Forest Plans of North America*, Siry, J.P., P. Bettinger, K. Merry, D.L. Grebner, K. Boston, and C. Cieszewski (eds.). Academic Press, New York. pp. 403-411.
- Bettinger, P., K. Merry, M. Demirci, and A.M. Klepacka. 2015. Tongass National Forest, Alaska, United States of America. *In Forest Plans of North America*, Siry, J.P., P. Bettinger, K. Merry, D.L. Grebner, K. Boston, and C. Cieszewski (eds.). Academic Press, New York. pp. 413-421.
- Boston, K., K. Merry, D.L. Grebner, C. Cieszewski, P. Bettinger, and J.P. Siry. 2015. Synopsis of Forest Management Plans of North America. *In Forest Plans of North America*, Siry, J.P., P. Bettinger, K. Merry, D.L. Grebner, K. Boston, and C. Cieszewski (eds.). Academic Press, New York. pp. 443-448.
- Bettinger, P., K.L. Merry, and K. Boston. 2012. Comparison of landscape planning models. *In Sustainable built environment (UNESCO-EOLSS Joint Committee, eds.)*, located in the *Encyclopedia of Life Support Systems (EOLSS)*. UNESCO, Eolss Publishers, Oxford, UK, [<http://www.eolss.net>].
- Bettinger, P., and K. Merry. 2012. Management of forests in hurricane-prone regions of the southern United States: Basic considerations. *In Advances in Environmental Research, Volume 17*, Daniels, J.A. (ed.). Nova Science Publishers, Inc., Hauppauge, NY. pp. 371-380.
- O'Neill, T.A., P. Bettinger, B.G. Marcot, W.B. Cohen, O. Taft, R. Ash, H. Bruner, C. Langhoff, J.A. Carlino, V. Hutchinson, R.E. Kennedy, and Z. Yang. 2012. Application of spatial technologies in wildlife biology. *In The wildlife techniques manual, 7th edition*, Silvy, N.J. (ed.). Johns Hopkins University Press, Baltimore, MD. pp. 429-461.
- Bettinger, P., and K. Merry. 2011. Knowledge gained and gaps suggested from recent forestry-related GPS

- research. *In* *Forestry: Research, Ecology and Policies*. Nova Science Publishers, Inc., Hauppauge, NY. pp. 21-35.
- Potter, W.D., E. Drucker, P. Bettinger, F. Maier, M. Martin, D. Luper, M. Watkinson, G. Handy, and C. Hayes. 2009. Diagnosis, configuration, planning, and pathfinding: Experiments in nature-inspired optimization. *In* *Natural Intelligence for Scheduling, Planning and Packing Problems*, Chiong, R., and S. Dhakal (eds.). Springer, Berlin. pp. 267-294.
- Bettinger, P., and R. Li. 2009. Rotation age determination for even-aged forest plantations. *In* *Forest Management*, Grossberg, S.P. (ed.). Nova Science Publishers, Inc., Hauppauge, NY. pp. 295-305.
- Bettinger, P. 2008. Tabu search experience in forest management and planning. *In* *Local Search Techniques: Focus on Tabu Search*, Jaziri, W. (ed.). IN-TECH Education and Publishing KG, Vienna. pp. 199-208.
- Shan, Y., P. Bettinger, and T. Li. 2008. Lessons learned from assessing the cost of adjacency and green-up rules on forest harvesting options. *In* *Natural Resources: Economics, Management and Policy*, White, J.R., and W.H. Robinson (eds.). Nova Science Publishers, Inc., Hauppauge, NY. pp. 225-235.
- Bettinger, P., K. Boston, and J. Sessions. 2008. Simulated Annealing. *In* *Encyclopedia of Ecology*, Jørgensen, S.E., and B.D. Fath (eds.). Elsevier, Oxford, UK. 4: 3255-3261.
- Bettinger, P., and Y.-H. Kim. 2008. Spatial optimisation - computational methods. *In* *Designing Green Landscapes*, Gadow, K., and T. Pukkala (eds.). Springer, New York. pp. 111-135.
- Sessions, J., P. Bettinger, and G. Murphy. 2007. Heuristics in forest planning. *In* *Handbook of Operations Research in Natural Resources*, Weintraub, A., C. Romero, T. Bjørndal, and R. Epstein (eds.). Springer, New York. pp. 431-448.
- Sessions, J., P. Overhulser, P. Bettinger, and D. Johnson. 2006. Linking multiple tools: An American case. *In* *Computer Applications in Sustainable Forest Management, Including Perspectives on Collaboration and Integration*, Shao, G., and K. Reynolds (eds.). Springer, New York. pp. 223-238.
- O'Neil, T.A., P. Bettinger, B.G. Marcot, B.W. Luscombe, G.T. Koeln, H.J. Bruner, C. Barrett, J.A. Pollock, and S. Bernatus. 2005. Application of spatial technologies in wildlife biology. *In* *Techniques for Wildlife Investigations and Management*, 6th Edition, Braun, C.E. (ed.). The Wildlife Society, Bethesda, MD. pp. 418-447.
- Spies, T.A., G.H. Reeves, K.M. Burnett, W.C. McComb, K.N. Johnson, G. Grant, J.L. Ohmann, S.L. Garman, and P. Bettinger. 2002. Assessing the ecological consequences of forest policies in a multi-ownership province in Oregon. *In* *Integrating landscape ecology into natural resource management*, Liu, J., and W.W. Taylor (eds.). Cambridge University Press, Cambridge, UK. pp. 179-207.
- Bettinger, P., K. Boston, J. Sessions, and W.C. McComb. 2001. Integrating wildlife species habitat goals in quantitative land management planning processes. *In* *Wildlife-habitat relationships in Oregon and Washington*, Johnson, D.H., and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR. pp. 567-579.
- Haynes, R. and P. Bettinger. 2000. Timber Programs. *In* *Forest roads: A synthesis of scientific information*, Gucinski, H., M.J. Furniss, R.R. Ziemer, and M.J. Brookes, (eds.). USDA Forest Service. Draft Final. pp. 52-54. <<http://www.fs.fed.us/news/roads/science.pdf>>.
- Alig, R., D. Adams, J. Chmelik, and P. Bettinger. 1999. Private forest investment and long-run sustainable timber harvest volumes. *In* *Planted forests: Contributions to the quest for sustainable societies*, Boyle, J.R., J.K. Winjum, K. Kavanaugh, and E.C. Jensen (eds.). Kluwer Academic Press, Volume 56.

Book Reviews

- Bettinger, P. 2011. Carbon sinks and climate change, Forests in the fight against global warming, by Colin A.G. Hunt. *Journal of Sustainable Forestry*. 30(3): 261-262.
- Bettinger, P. 2008. Cross-sectoral policy developments in forestry, Y.C. Dubé and F. Schmithüsen (eds.). *Journal of Sustainable Forestry*. 27(3): 343-344.

Proceedings

- Merry, K., P. Bettinger, T. Brown, C. Cieszewski, M. Crosby, J. Fan, Q. Meng, J. Siry, and B. Song. 2016. Proceedings of the 10th Southern Forestry and Natural Resource Management GIS Conference. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. 106 p.
- Merry, K., P. Bettinger, T. Brown, C. Cieszewski, I-K. Hung, and Q. Meng. 2014. Proceedings of the 9th Southern Forestry and Natural Resources GIS Conference. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. 165 p.
- Merry, K.L., P. Bettinger, T. Lowe, N. Nibbelink, and J. Siry (eds.). 2012. Proceedings of the 8th Southern Forestry and Natural Resources GIS Conference. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. 82 p.

- Merry, K., P. Bettinger, J. Hepinstall-Cymerman, J. Fan, J. Siry, J. Kushla, T. Litts, and B. Song (eds.). 2010. Proceedings of the 7th Southern Forestry and Natural Resources GIS Conference. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. 141 p.
- Siry, J., B. Izlar, P. Bettinger, T. Harris, T. Tye, S. Baldwin, and K. Merry (eds.). 2009. Proceedings of the 2008 Southern Forest Economics Workers Annual Meeting. Center for Forest Business, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. Center for Forest Business Publication No. 30. 282 p.
- Bettinger, P., K. Merry, S. Fei, J. Drake, N. Nibbelink, and J. Hepinstall (eds.). 2008. Proceedings of the 6th Southern Forestry and Natural Resources GIS Conference. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. 278 p.
- Prisley, S., P. Bettinger, I-K. Hung, and J. Kushla (eds.). 2006. Proceedings of the 5th Southern Forestry and Natural Resources GIS Conference. Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA. 191 p.
- Bettinger, P., C. Hyldahl, S.D. Danskin, J. Zhu, Y. Zhang, W.G. Hubbard, T. Lowe, M. Wimberly, and B. Jackson (eds.). 2005. Proceedings of the 4th Southern Forestry and Natural Resources GIS Conference. Warnell School of Forest Resources, University of Georgia, Athens, GA. 177 p.

Refereed Journal Articles

- Akbulut, R., P. Bettinger, Z. Ucar, S. Obata, K. Boston, and J. Siry. *in press*. Spatial forest plan development using tabu search and threshold accepting seeded with a relaxed linear programming solution. *Forest Science*.
- Kalbi, S., A. Fallah, P. Bettinger, S. Shatee, R. Yousefpour. *in press*. Mixed-effects modeling for tree height prediction models of oriental beech in Hyrcanian forest. *Journal of Forestry Research*.
- Klepacka, A.M., J.S. Siry, and P. Bettinger. *in press*. Stumpage prices: A review of influential factors. *The International Forestry Review*.
- Zengin, H., A.S. Değermenci, and P. Bettinger. *in press*. Analysis of the temporal changes in land cover and landscape metrics of a managed forest in the west Black Sea region of northern Turkey: 1970 to 2010. *Journal of Forestry Research*.
- Akbulut, R., Z. Ucar, P. Bettinger, K. Merry, and S. Obata. 2017. Effects of forest thinning on static horizontal positions collected with a mapping-grade GNSS receiver. *Mathematical and Computational Forestry & Natural-Resource Sciences*. 9(1): 14-21.
- Merry, K., P. Bettinger, D.L. Grebner, K. Boston, and J. Siry. 2016. Assessment of geographic information system (GIS) skills employed by graduates from three forestry programs in the United States. *Forests*. 7(12): Article ID 304. 12 p.
- Ezzati, S., A. Najafi, and P. Bettinger. 2016. Finding feasible harvest zones in mountainous areas using integrated, spatial multi-criteria decision analysis. *Land Use Policy*. 59: 479-491.
- Dong, L., P. Bettinger, Z. Liu, H. Qin, and Y. Zhao. 2016. Evaluating the neighborhood, hybrid and reversion search techniques of simulated annealing algorithm in solving forest spatial harvest scheduling problems. *Silva Fennica*. 50(4): Article ID 1622. 20 p.
- Dong, L., Z. Liu, and P. Bettinger. 2016. Nonlinear mixed-effects branch diameter and length models for natural Dahurian larch (*Larix gmelini*) forest in northeast China. *Trees*. 30(4): 1191-1206.
- Kašpar, J., R. Marušák, and P. Bettinger. 2016. Time efficiency of selected types of adjacency constraints in solving unit restriction models. *Forests*. 7(5): Article ID 102. 14 p.
- Bettinger, P., K. Merry, and C. Cieszewski. 2016. The importance of mapping technology knowledge and skills for students seeking entry-level forestry positions: Evidence from job advertisements. *Mathematical and Computational Forestry & Natural-Resource Sciences*. 8(1): 14-24.
- Ucar, Z., P. Bettinger, K. Merry, J. Siry, J.M. Bowker, and R. Akbulut. 2016. A comparison of two sampling approaches for assessing the urban forest canopy cover from aerial photography. *Urban Forestry & Urban Greening*. 16: 221-230.
- Kaya, A., P. Bettinger, K. Boston, R. Akbulut, Z. Ucar, J. Siry, K. Merry, and C. Cieszewski. 2016. Optimisation in forest management. *Current Forestry Reports*. 2(1): 1-17.
- Ezzati, S., A. Najafi, M. Yaghini, A.A. Hashemi, and P. Bettinger. 2015. An optimization model to solve skidding problem steep slope terrain. *Journal of Forest Economics*. 21(4): 250-268.
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