

Kathleen P. Bell



School of Economics
University of Maine
5782 Winslow Hall
Orono, ME 04469
207.581.3156
kpbell@maine.edu

PROFESSIONAL EXPERIENCE

University of Maine, Orono, ME.

Professor, School of Economics, 2015-Present.

Associate Professor, School of Economics, 2007-2015.

Stewardship Council (project administration, leadership, and management), Maine's Sustainability Solutions Initiative (SSI, NSF EPSCoR), 2009-2014.

Assistant Professor, Department of Resource Economics and Policy, 2001-2007.

University of Washington, Seattle, WA.

Postdoctoral Research Associate, School of Marine Affairs, University of Washington, Seattle, WA, 1999-2001.

US Environmental Protection Agency, Washington, DC.

Economist, National Center for Environmental Economics, US Environmental Protection Agency, Washington, DC, 1997-1999.

University of Maryland, College Park, MD.

Research Assistant, Department of Agricultural and Resource Economics, 1992-1997.

Abt Associates, Inc., Cambridge, MA and Bethesda, MD.

Research Assistant, 1990-1992.

EDUCATION

University of Maryland, College Park, MD.

Ph.D. Economics, 1997. Advisor: Nancy E. Bockstael.

M.A. Economics, 1995.

Bowdoin College, Brunswick, ME.

A.B. Economics and Environmental Studies, *cum laude*, 1990.

NETWORKS

LinkedIn [Kathleen Bell]

Google Scholar [Kathleen P. Bell]

AWARDS, HONORS, & OFFICES

- University of Maine, Excellence in Faculty Mentoring Award, 2018.
- Distinguished Member Award, Northeastern Agricultural and Resource Economics Association, 2015.
- Recognition of Outstanding Service, Northeastern Agricultural and Resource Economics Association, 2014.
- Exceptional Leadership in Building the SSI Team Award, Maine's Sustainability Solutions Initiative, December 2013.
- Scientific Review Committee, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, 2013-2018.
- Sören Wibe Prize (joint with Chris Moore and Thomas Holmes), Outstanding Journal Article 2011-2012, *Journal of Forest Economics*, December 2012.
- President-Elect, President, and Past-President, Northeastern Agricultural and Resource Economics Association, 2012-2014.
- President, USDA Multistate Project W-2133/W-3133 Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands, 2012-2013.
- Recognition of Outstanding Service, Northeastern Agricultural and Resource Economics Association, 2008.
- Board of Directors, Northeastern Agricultural and Resource Economics Association, 2005-2008.
- Instructional Development Award. 2004. Spatial Perspectives on Analysis for Curriculum Enhancement, Center for Spatially Integrated Social Sciences, University of California-Santa Barbara.
- Northeastern Agricultural and Resource Economics Association Outstanding Journal Article (joint with E.G. Irwin, and J. Geoghegan), 2003, *Agricultural and Resource Economics Review*, June 2004.
- James Bowdoin Scholar, Bowdoin College, 1986-1990.

JOURNAL ARTICLES

- [47] Markowski-Lindsay, M., Catanzaro, P., Bell, K.P., Kittredge, D., Markowitz, E., Leahy, J.E., Butler, B., Milman, A., and S. Allred. 2018. In Forest and Intact: Designating Future Use of Family-Forest-Owned Land, *Journal of Forestry*, 116(4):357–366, DOI: 10.1093/jofore/fvy015.
- [46] Johnson, E.S., Bell, K.P., and J.E. Leahy. 2018. Managing the science-policy boundary: implications for river restoration. *Journal of Environmental Studies and Sciences*, published online 08 March 2018, DOI: 10.1007/s13412-018-0481-x.
- [45] Johnson, E.S., Bell, K.P., and J.E. Leahy. 2018. Disamenity to amenity: spatial and temporal patterns of social response to river restoration progress, *Landscape and Urban Planning*, 169: 208-219, DOI: 10.1016/j.landurbplan.2017.09.008.
- [44] Van Berkel, D.B., Rayfield, B., Martinuzzi, S., Lechowicz, M.J., White, E., Bell, K.P., Colocousis, C.R., Kovacs, K.F., Morzillo, A.T., Munroe, D.K., Parmentier, B., Radeloff, V.C., and B.J. McGill. 2018. Recognizing the 'sparsely settled forest': Multi-decade socioecological change dynamics and community exemplars. *Landscape and Urban Planning*, 170: 177-186, DOI: 10.1016/j.landurbplan.2017.10.009.

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- [43] Evans, K.S., Noblet, C.L., Fox, E., Bell, K.P., and A. Kaminski. 2017. Public acceptance of coastal zone management efforts: The role of citizen preferences in the allocation of funds, *Agricultural and Resource Economics Review*, 46(2): 268-295, DOI: 10.1017/age.2017.9.
- [42] Kaminski, A., Bell, K.P., Noblet, C.L. and K.S. Evans. 2017. An Economic Analysis of Coastal Beach Safety Information-Seeking Behavior. *Agricultural and Resource Economics Review*, 46(2): 365-387, DOI: 10.1017/age.2017.17.
- [41] Markowski-Lindsay, M., Catanzaro, P., Bell, K.P., Kittredge, D., Leahy, J., Butler, B., Markowitz, E., Milman, A., Zimmerer, R., Allred, S. and M. Sisock. 2017. Estate planning as a forest stewardship tool: A study of family land ownerships in the northeastern US, *Forest Policy and Economics* 83:36-44, DOI:10.1016/j.forpol.2017.06.004.
- [40] Hunter, M.L., Acuña, V., Bauer, D.M., Bell, K.P., Calhoun, A.J.K.MR Felipe-Lucia, M.R., Fitzsimons, J.A., González, E., Kinnison, M., Lindenmayer, D., Lundquist, C., Medellín, R., Nelson, E.J., and P Poschlod. 2017. Conserving small natural features with large ecological roles: a synthetic overview, *Biological Conservation* 211 (Part B): 88-95, DOI: 10.1016/j.biocon.2016.12.020.
- [39] Bauer, D.M., Bell, K.P., Nelson, E.J., and A.J.K Calhoun. 2017. Managing small natural features: a synthesis of emergent economic issues and opportunities, *Biological Conservation* 211 (Part B): 80-87, DOI: 10.1016/j.biocon.2017.01.001.
- [38] Calhoun AJK, Mushet DM, Bell KP, Boix D, Fitzsimons JA, and F. Isselin-Nondedeu. 2017. Temporary wetlands: challenges and solutions for protecting a "disappearing" ecosystem, *Biological Conservation* 211 (Part B):3-11, DOI:10.1016/j.biocon.2016.11.024.
- [37] Johnson, E., Bell, K.P., and J.E. Leahy. 2017. Changing course: Comparing emerging watershed institutions in river restoration contexts, *Society & Natural Resources*, 30(6): 765-781, DOI:10.1080/08941920.2016.1239292.
- [36] Levesque, V., Bell, K.P., and A. Calhoun. 2017. Planning for sustainability in small municipalities: The influence of interest groups, growth patterns, and institutional characteristics, *Journal of Planning Education and Research*, 37(3): 322-333, DOI: 10.1177/0739456X16655601.
- [35] Levesque, V.R., Calhoun, A.J.K., Bell, K.P., and T. Johnson. 2017. Turning contention into collaboration: Engaging power, trust, and learning in collaborative networks, *Society & Natural Resources*, 30(2):245-260, DOI:10.1080/08941920.2016.1180726.
- [34] Evans, K.S, Athearn, K., Chen, X., Bell, K.P., and T. Johnson. 2016. Measuring the impact of pollution closures on commercial shellfish harvest: the case of soft-shell clams in Machias Bay, Maine, *Ocean and Coastal Management*, 130: 196-204, DOI:10.1016/j.ocecoaman.2016.06.005.
- [33] Johnson, M.L., Bell, K.P., and M. Teisl. 2016. Does imagining future land use changes affect citizen engagement with land use planning ? *Land Use Policy* 57: 44-15.
- [32] Hutchins-Bieluch, K., Bell, K.P., Teisl, M.F., Lindenfeld, L.A., Leahy, J.E. and L. Silka. 2017. Transdisciplinary Research Partnerships in Sustainability Science: An Examination of Stakeholder Participation Preferences, *Sustainability Science* 12(1):87-104, DOI:10.1007/s11625-016-0360-x

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- [31] Latta, G.S., Adams, D.M., Bell, K.P., and J.D. Kline. 2016. Evaluating land-use and private forest management responses to a potential forest carbon offset sales program in western Oregon (USA), *Forest Policy and Economics* 65: 1-8, ISSN 1389-9341, DOI: 10.1016/j.forpol.2016.01.004.
- [30] Morzillo, A.T., Colocousis, C., Munroe, D., Bell, K.P., Martinuzzi, S., Van Berkel, D.B., Lechowicz, M., Rayfield, B., and B. McGill. 2015. Forests in the middle: interactions between drivers of change and place-based characteristics in rural forest communities, *Journal of Rural Studies* 42(December):79-90, DOI:10.1016/j.jrurstud.2015.09.007
- [29] Hart, D., Bell, K.P., Lindenfeld, L., Johnson, T., Ranco, D., Jain, S., and B. McGill. 2015. Strengthening the role of universities in addressing sustainability challenges, *Ecology and Society* 20(2):4, DOI:10.5751/ES-07283-200204.
- [28] Calhoun, A., Jansujwicz, J., Bell, K.P., and M.L. Hunter. 2014. Improving management of small natural features on private lands by negotiating the science-policy boundary for Maine vernal pools, *PNAS* 111(30): 11002-11006.
- [27] Hutchins, K., Lindenfeld, L.A, Bell, K.P, Leahy, J. and L. Silka. 2013. Strengthening Knowledge Co-Production Capacity: Examining Interest in Community-University Partnerships, *Sustainability* 5(9):3744-3770.
- [26] Leahy, J., Gorczyca-Reeves, E., Bell, K.P., Straub, C. and J. Wilson. 2013. Agent-Based Modeling of Harvest Decisions by Small Scale Forest Landowners in Maine, USA, *International Journal of Forestry Research*, (2013), DOI: 10.1155/2013/563068.
- [25] Hart, D. and K.P. Bell. 2013. Sustainability Science: A Call to Collaborative Action, *Agricultural and Resource Economics Review* 42(1): 75-89.
- [24] Engelberth, H., Teisl, M.F., Frohberg, E., Butts, K., Bell, K.P., Stableford, S., and A. Smith. 2013. Can fish consumption advisories do better? Providing benefit and risk information to increase knowledge. *Environmental Research* 126: 232-239.
- [23] Bell, K.P., Lindenfeld, L., Speers, A., Teisl, M. and J. Leahy. 2013. Creating opportunities for improving lake-focused stakeholder engagement: knowledge-action systems, pro-environmental behavior, and sustainable lake management, *Lakes & Reservoirs: Research & Management* 18(1): 5-14.
- [22] Snell, M., Bell, K.P., and J. Leahy. 2013. Local institutions and lake management. *Lakes & Reservoirs: Research & Management* 18(1): 35-44.
- [21] Freeman, R.C., Bell, K.P., Calhoun, A., and C. Loftin. 2012. Incorporating economic models into seasonal pool conservation planning, *Wetlands* 32(3): 509-520.
- [20] Freeman, R.C. and K.P. Bell. 2011. Conservation versus cluster subdivisions and implications for habitat connectivity, *Landscape and Urban Planning* 101(1):30-42.
- [19] Moore, C.C., Holmes, T.P., and K.P. Bell. 2011. An Attribute-Based Approach to Contingent Valuation of Forest Protection Programs, *Journal of Forest Economics* 17(1):35-52.
- [18] Holmes, T., Murphy, E., Bell, K.P., and D. Royle. 2010. Property Value Impacts of Hemlock Woolly Adelgid in Residential Forests, *Forest Science* 56(6): 529-540.
- [17] Boyle, K.J., Kuminoff, N.V., Zhang, C. and K.P. Bell. 2010. Does a Property-Specific Environmental Health Risk Create a "Neighborhood" Housing-Price Stigma? Arsenic in Private Well Water, *Water Resources Research* 46: 1-10.

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- [16] Irwin, E.G., Bell, K.P., Bockstael, N.E., Newburn, D.A., Partidge, M.D., and J. Wu. 2009. The Economics of Urban-Rural Space, *Annual Review of Resource Economics* (1): 435-462.
- [15] Devine, J., Gabe, T., and K. P. Bell. 2009. Community Scale and Resident Attitudes towards Tourism, *Journal of Regional Analysis and Policy* 39(1): 11-22.
- [14] Neumann, B., Boyle, K.J., and K.P. Bell. 2009. Property Price Effects of a National Wildlife Refuge: Great Meadows National Wildlife Refuge in Massachusetts, *Land Use Policy* 26(4): 1011-1019.
- [13] Gabe, T., Colby, K. and K.P. Bell. 2008. Creative Occupations, Earnings and the U.S. Rural-Urban Wage Gap, *Canadian Journal of Regional Science* 30(3): 393-412.
- [12] Bell, K.P. and T. Dalton. 2007. Spatial Economic Analysis in Data-Rich Environments, *Journal of Agricultural Economics* 58(3): 487-501.
- [11] Gabe, T.M., Colby, K., and K.P. Bell. 2007. The Effects of Workforce Creativity on Earnings in U.S. Counties, *Agricultural and Resource Economics Review* 36(1): 71-83.
- [10] Holmes, T. Murphy, E. and K.P. Bell. 2006. Exotic Forest Insects and Residential Property Values, *Agricultural and Resource Economics Review* 35(1): 155-166.
- [9] Gabe, T.M. and K.P. Bell. 2004. Tradeoffs Between Local Taxes and Government Spending as Determinants of Business Location, *Journal of Regional Science* 44(1): 21-41.
- [8] Huppert, D.D., Johnson, R.L., Leahy, J., and K.P. Bell. 2003. Interactions between Human Communities and Estuaries in the Pacific Northwest: Trends and Implications for Management, *Estuaries* 26(4B): 994-1009.
- [7] Leschine, T.M., Ferriss, B.E., Bell, K.P., Bartz, K., MacWilliams, S., Pico, M., and A. Bennett. 2003. Challenges and Strategies for Better Use of Scientific Information in the Management of Coastal Estuaries, *Estuaries* 26(4B): 1189-1204.
- [6] Bell, K.P. and I.Strand. 2003. Reconciling Models of Recreational Route and Site Choice, *Land Economics*, 79(3): 440-454.
- [5] Irwin, E.G., Bell, K.P. and J. Geoghegan. 2003. Modeling and Managing Urban Growth at the Rural-Urban Fringe: Evidence from a Model of Residential Land Use Change, *Agricultural and Resource Economics Review* 32(1): 83-102.
- [4] Bell, K.P., Huppert, D., and R. Johnson. 2003. Willingness to Pay for Coho Salmon Enhancement in Coastal Communities, *Marine Resource Economics* 18(1): 15-31.
- [3] Bell, K.P. and E.G. Irwin. 2002. Spatially explicit micro-level modelling of land use change at the rural-urban interface, *Agricultural Economics* 27: 217-232.
- [2] Bell, K.P. and N.E. Bockstael. 2000. Applying the Generalized Method of Moments Approach to Spatial Problems Involving Micro-Level Data, *Review of Economic and Statistics* 82(1): 72-82.
- [1] Bockstael, N.E., R. Costanza, I. Strand, W. Boynton, and K.P. Bell. 1995. Ecological Economic Modeling and Valuation of Ecosystems, *Ecological Economics* 14(2): 143-159.

JOURNAL ARTICLES (REGIONAL POLICY)

- [2] Noblet, C., Bell, K.P., Colgan, C. and M. Teisl. 2012. Economic Development and Maine's Sustainability Solutions Initiative, *Maine Policy Review* 21(1): 128-136
- [1] Bell, K.P. 2007. Houses in the Woods: Lessons from the Plum Creek Concept Plan, *Maine Policy Review* 16(2):44-55.

JOURNAL ARTICLE (DISCUSSANT COMMENTS)

- Bell, K.P. 2007. Preserving Rural Land, *Review of Agricultural Economics* 29(3): 518-519.

EDITED PUBLICATIONS

- Bell, K.P., Rubin, J., and K. Boyle (eds.). 2006. *Economics of Rural Land-Use Change*, Hampshire, England: Ashgate Publishing, pp. 1-272.

BOOK CHAPTERS

- Bell, K.P. 2010. Public Preferences for Protecting Working Landscapes, in S. Goetz and F. Brouwer (eds.), *New perspectives on agri-environmental policies: a multidisciplinary and transatlantic approach*, London, England and New York, NY: Routledge Publishing, pp. 199-218.
- Holmes, T., Bell, K.P., Byrne, B., and J. Wilson. 2008. Economic Aspects of the Management of Invasive Forest Pests, in T. Holmes, J. Prestemon, and K. Abt (eds.), *The Economics of Forest Disturbances: Wildfires, Storms and Invasive Species*, New York, NY: Springer Publishing, pp. 381-406.
- Baldwin, R., Anderson, E., and K.P. Bell. 2007. The Application of Spatial Modeling Tools to Conservation Planning for Pool-Breeding Amphibians, in A. Calhoun and P. deMaynadier (eds.), *Science and Conservation of Vernal Pools in Northeastern North America*, New York, NY: CRC Press, pp. 281-298.
- Irwin, E., Bell, K.P., and J. Geoghegan. 2006. Forecasting Residential Land Use Change, in R. Johnston and S. Swallow (eds.), *Economics and Contemporary Land Use Policy*, Washington, DC: Resources for the Future, pp. 55-82.
- Bell, K.P., Boyle, K.J., Plantinga, A., and J. Rubin. 2006. Objectives and Perspectives in K.P. Bell, J. Rubin, and K. Boyle (eds.), *Economics of Rural Land-Use Change*, Hampshire, England: Ashgate Publishing, pp. 3-10.
- Irwin, E. and K.P. Bell. 2006. Estimating a Spatially Explicit Model of Residential Land-Use Change to Understand and Predict Patterns of Urban Growth at the Rural-Urban Fringe in K.P. Bell, J. Rubin, and K. Boyle (eds.), *Economics of Rural Land-Use Change*, Hampshire, England: Ashgate Publishing, pp. 147-162.

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- Boyle, K., Bell, K.P. and J. Rubin. 2006. Valuation and Land-Use Change in K.P. Bell, J. Rubin, and K. Boyle (eds.), *Economics of Rural Land-Use Change*, Hampshire, England: Ashgate Publishing, pp. 215-234.
- Bell, K.P., Boyle, K.J., and J. Rubin. 2006. Summary and Conclusions in K.P. Bell, J. Rubin, and K. Boyle (eds.), *Economics of Rural Land-Use Change*, Hampshire, England: Ashgate Publishing, pp. 265-269.
- Bell, K.P. 2005. Spatial Analysis and Applied Land Use Research, in S. Goetz, J. Shortle, and J. Bergstrom (eds.), *Land Use Problems and Conflicts: Causes, Consequences, and Solutions*, New York, NY: Taylor and Francis, pp. 151-164.
- Bell, K.P. and N.A. Slade. 2004. Conceptual Parallels in Spatial Modeling of Economics and Ecology, in Swihart, R. K., and J. E. Moore (eds.), *Conserving Biodiversity in Agricultural Landscapes: Model-based Planning Tools*. W. Lafayette, IN: Purdue University Press, pp. 25-34.
- Bell, K.P., Broussard, S., and W. Gu. 2004. Human Drivers of Land Use Change: A Review of Spatial Models Incorporating Socio-economic Influences, in Swihart, R. K., and J. E. Moore (eds.), *Conserving Biodiversity in Agricultural Landscapes: Model-based Planning Tools*, W. Lafayette, IN: Purdue University Press, pp. 35-48.
- Broussard, S., Bell, K.P., and W.L. Hoover. 2004. Modeling Land Use Change: Social and Economic Data Considerations, in Swihart, R. K., and J. E. Moore (eds.), *Conserving Biodiversity in Agricultural Landscapes: Model-based Planning Tools*, W. Lafayette, IN: Purdue University Press, pp. 153-164..
- Bockstael, N.E. and K.P. Bell. 1998. Land-Use Patterns and Water Quality: the Effect of Differential Land Management Controls, in R. Just and S. Netanyahu, editors, *Conflict and Cooperation on Trans-Boundary Water Resources*, Boston, MA: Kluwer Academic Publishers, pp. 169-192.
- Bockstael, N.E., Geoghegan, J., Bell, and E.G. Irwin. 1996. An Ecological Economics Model of the Patuxent Watershed: The Use of GIS and Spatial Econometrics in Prediction, in *Geographic Information Systems in Environmental Resources Management*. Proceedings of a Specialty Conference Sponsored by the Air & Waste Management Association, Reno, Nevada, March, 1996.

BOOK REVIEWS

- Bell, K.P. 2015. The Oxford Handbook of Land Economics (Duke, Joshua M. and Junjie Wu, eds). *American Journal of Agricultural Economics*, 97(5): 1517–1519, DOI:10.1093/ajae/aav003.
- Bell, K.P. 2010. Introduction to Spatial Econometrics by James LeSage and R. Kelly Pace. *Journal of Regional Science*, 50(5): 1014-1015, DOI: 10.1111/j.1467-9787.2010.00709_7.x.

ADVANCED WORKING PAPERS

- Bell, K.P., Markowski-Lindsay, M., Catanzaro, P., and J.E. Leahy. 2018. Family-forest owner decisions, landscape change, and landscape context (in review).
- Levesque, V.R., Bell, K.P., and A.J.K. Calhoun. 2018. Improving biodiversity protection on private lands: A collaborative approach for exploring the potential of locally-tailored mechanisms (in review).
- Balukas, J., Bell, K.P., and D. Bauer. 2018. Classifying private landowners to improve understanding of management decisions and conservation opportunities in urbanizing forested landscapes (in review).
- Bell, K.P. 2018. Big data, economics, and rural economies: facilitating innovation and economic opportunities in rural communities (in prep).
- Bell, K.P., Crandall, M., Munroe, D.K., Colocousis, C., & A. Morzillo. (2018). Rural forest-based communities, economic shocks, and economic trajectories (in prep).
- Bell, K.P., Huang, J., and C. Noblet. 2018. Environmental change and recreation demand: assessing interactions between beach width and beach recreation demand, Department of Economics Seminar Series, University of New Hampshire, Durham in prep).

EXTERNAL GRANTS

- Active participation (Amount: \$25.7 million; Percent responsible (\$3.1 million))
- Big data, economics, and rural economies: facilitating innovation and economic opportunities in rural communities. Sponsor: USDA. Duration: February 2017 - December 2017. Principal Investigator: K.P. Bell. Amount: \$77,492. Percent responsible: 100% (\$77,492).
- Recreation Impacts of Changing Shorelines: Popham Beach State Beachgoer Survey. Sponsor: Maine DACF. Duration: July 2016 - October 2016. Principal Investigator: K.P. Bell. Co-Principal Investigator: Caroline Noblet. Amount: \$10,000. Percent responsible: 50% (\$5,000).
- Biodiversity, ecosystem services, and the socioeconomic sustainability of rural forest-based communities. Sponsor: USDA. Lead institution: Ohio State University. Duration: April 2016 - March 2019. Principal Investigator: D. Munroe. Co-Principal Investigators: M. Crandall, A. Morzillo, K.P. Bell, and C. Colocousis. Amount: \$439,967.
- Understanding and informing family forest owner decisions. Sponsor: USDA/University of Massachusetts (lead institution; lead PIs: Catanzaro and Markowski). Duration: January 2015 - December 2018. Principal investigator: J.E. Leahy. Co-Principal Investigator: K.P. Bell. Amount: \$43,200.
- Strengthening the scientific basis for decision-making: advancing sustainability science and knowledge-action capabilities in coastal systems. Sponsor: National Science Foundation, EPSCoR Track II. Duration: August 2013 - July 2016. Principal

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Investigator: M. Eckhardt. Co-Principal Investigators: K.P. Bell, D. Hart, and L. Lindenfeld. Amount: \$3,000,000. Percent responsible: 15% (\$450,000).

Of pools and people: small natural features with large ecosystem functions in urbanizing landscapes: Sponsor: National Science Foundation, Coupled Natural and Human Systems Program. Duration: January 2014-December 2017. Principal Investigator: A. Calhoun; Co-Principal Investigators: K.P. Bell, M.Hunter, C.Loftin, K. Capps, and M. Kinnison. Amount: \$1,488,951. Percent responsible: 15% (\$223,343).

Association between mass media coverage and personal protective behaviors. Sponsor: Maine CDC. Duration: November 2012 - November 2013. Principal Investigator: K.P. Bell. Amount: \$5,000. Percent responsible: 100% (\$5,000).

Rural forest communities at a tipping point? (Pursuit Working Group) Sponsor: SESYNC. Duration: September 2012-September 2014. Principal Investigators: B. McGill and K.P.Bell. Amount: \$150,000. Percent responsible: 50% (\$75,000).

Maine's Sustainability Science Initiative. Sponsor: National Science Foundation. Duration: July 2009-July 2014. Principal Investigator: M. Eckardt. Research Program Director: D. Hart. Stewardship Council: K.P. Bell, D. Hart., S. Jain., L. Lindenfeld, and B. McGill. Amount: \$20,000,000. Percent responsible: 10% (\$2,000,000).

The impact of conservation lands on housing values. Sponsor: Maine State Planning Office. Duration: July 2009 - July 2011. Co-investigators: K. P. Bell, A. Calhoun, and C. Colgan. Amount: \$39,990. Percent responsible: 50% (19,995)

Evaluating western Oregon land use and forest management responses to potential carbon storage policies. Sponsor: USDA Forest Service, Pacific Northwest Research Station. Principal Investigator: K.P. Bell. Duration: July 2009 - July 2011. Amount: \$20,000. Percent responsible: 100% (\$20,000).

Improving Economic Analysis of Forest Change. Sponsor: USDA Forest Service, Pacific Northwest Research Station. Principal Investigator: K.P.Bell. Duration: Sept 2008 - Sept 2010. Amount: \$24,996. Percent responsible: 100% (\$24,996).

Measuring and Incorporating Stakeholder Values into River Restoration Decisions: A Socio-economic Analysis. Sponsor: Water Resource Research Institute (WRI) Grant Program. Principal Investigator: L. Lewis, Bates College. Co-Investigators: K.P. Bell and C. Bohlen. Duration: May 2008 - May 2010. Amount: \$26,588. Percent responsible: 20% (\$5,318).

Sustainable Lake Management in Maine's Changing Landscape. Sponsor: US Environmental Protection Agency. Principal Investigator: K. P. Bell. Co-investigators: J. Leahy, S. Sader, K. Webster, and J. Wilson. Duration: May 2007 -May 2010. Amount: \$299,249. Percent responsible: 30% (\$89,775).

Characterizing the Effects of the Plum Creek Concept Plan for the Moosehead Region on Residential Development Pressure. Principal Investigator: K. P. Bell. Co-investigator: J. Wilson. Sponsor: Maine Department of Conservation, Land Use Regulatory Commission. Duration: August 2006 - December 2006. Amount: \$31,029. Percent responsible: 60% (\$18,617).

Assessment of Natural and Watershed Conditions in and adjacent to Acadia National Park. Sponsor: US Department of Interior. PI: Peter Vaux. Co-PI: K.P. Bell and others. Duration: June 2006 - Sept 2008. Amount: \$57,972. Percent responsible: 10% (\$5,797).

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- A Hydrogeomorphic Lake Classification System for Refining Lake Assessment at Multiple Spatial Scales. Sponsor: US Environmental Protection Agency. Principal Investigator: K. Webster. Co-investigators: K. P. Bell and P. Vaux. Duration: August 2005 – July 2006. Amount: \$44,002. Percent responsible: 20% (\$11,001).
- Estimating the Economic Impacts of Hemlock Woolly Adelgid on Public Forestlands. Sponsor: USDA Forest Service, Cooperative Agreement. Principal Investigator: K.P. Bell. Co-Investigator: T. Holmes, US Forest Service, Southern Research Station. Duration: August 2005 – August 2007. Amount: \$25,000. Percent responsible: 100% (\$25,000).
- Economic Development Planning Related to Nature-Based and Cultural Heritage Tourism in Rural Maine. Sponsor: USDA Rural Development Program. Principal Investigator: J. Rubin, University of Maine. Co-investigators: K. P. Bell, T. Gabe, and K. Hunt. Duration: November 2003 – May 2005. Amount: \$89,350.
- Assessing the Regional Economic Impact of Land Conservation. Sponsor: Maine Department of Conservation. Principal Investigator: K.J. Boyle. Co-Investigators: K. P. Bell and T. Allen. Duration: May 2003 - May 2005. Amount: \$47,505.
- Assessing Public Awareness of Hemlock Woolly Adelgid. Sponsor: Maine Forest Service. State/University Cooperative Agreement. Co-Investigators: K.P. Bell, University of Maine and D. Struble, Maine Forest Service. Duration: November 2003 – September 2004. Amount: \$1,200. Percent responsible: 100% (\$1,200).
- Economic Valuation of Avoiding Exposure to Arsenic in Drinking Water: Reducing Health Risks to Children and Households. Sponsor: US Environmental Protection Agency, Cooperative Agreement. Principal Investigator: K. Boyle and K.P. Bell. Co-Investigators: A. Alberini, L. Taylor, T.D. Crocker, and A. E. Smith. Duration: August 2002-August 2007. Amount: \$259,825. Percent responsible: 100% (\$129,913).
- Economic Impacts of Hemlock Woolly Adelgid on Residential and Forest Landscapes. Sponsor: USDA Forest Service, Cooperative Agreement. Principal Investigator: K.P. Bell. Co-investigators: T. Holmes, USDA Forest Service, Southern Research Station. and K.J. Boyle. Duration: August 2002-August 2006. Amount: \$51,037. Percent responsible: 70% (\$35,726).
- Penobscot Valley Prudent Investments Linking Our Towns (PVPiLOT) Research Project. Sponsor: Penobscot Valley Council of Governments and Eastern Maine Development Corporation. Co-Investigators: K.P. Bell and P. Trostel. Duration: August 2002 – November 2002. Amount: \$26,430.
- Predicting the Dynamics of Human Dominated Landscapes: Metapopulation Models for Ecosystems with Sharp Edges. Sponsor: National Science Foundation. Principal investigator: R. Swihart, Department of Forestry and Natural Resources, Purdue University. Co-investigators at University of Maine: K.P. Bell and D. Mageean. Duration: September 2001 - August 2002. Amount: \$49,998.

INTERNAL GRANTS

Planning for uncertainty: The role of schools and community institutions in preparing the next generation for a new economy. Principal Investigator: C. Biddle. Co-Principal Investigators: M. Crandall and K.P. Bell. Sponsor: University of Maine Interdisciplinary Undergraduate Research Competition. Duration: March 2018-December 2018. Amount: \$29,740.

Houses in the Fields. Principal Investigator: K.P. Bell. Sponsor: University of Maine Summer Faculty Research Competition. Duration: May 2006 - September 2006. Amount: \$7,500. Percent responsible: 100% (\$7,500).

INVITED SEMINARS, PLENARY, AND KEY-NOTE TALKS

Bell, K.P. and C.Noblet. 2017. Environmental change and recreation demand: assessing interactions between beach width and beach recreation demand, Department of Economics Seminar Series, University of New Hampshire, Durham, NH, 07 April, 2017.

Bell, K.P. 2013. Science to link knowledge with actions: Maine's Sustainability Solutions Initiative, Plenary Address, 23rd National NSF EPSCoR Conference, Nashville, TN, November 5, 2013.

Bell, K.P. 2013. On the road to solutions: Maine's sustainability solutions initiative. George Perkins Marsh Institute and Department of Economics, Clark University, Worcester, MA, October 17, 2013.

Bell, K.P. 2013. MESSI landscapes: interactions among urbanization, forest ecosystem management, and climate change. Department of Forestry and Wildlife Ecology, University of Wisconsin-Madison, Madison, WI, September 27, 2013.

Bell, K.P. 2012. Economic Value of Maine Lakes. Invited Keynote Presentation, Annual Maine Lakes Conference, Waterville, ME, June 23, 2012.

Bell, K.P. 2011. Getting to water and environment solutions through sustainability science, Invited talk, National EPSCoR Conference, Coeur d'Alene, ID, October, 25, 2011.

Jain, S. and K.P. Bell. 2011. Towards a generalizable approach to sustainability science. Invited talk, Maine EPSCoR Conference, University of Maine, Orono, ME, September 26, 2011.

Bell, K.P. 2010. Space: A Worthy Frontier? Department of Economics, Bowdoin College, Brunswick, ME, November 4, 2010.

Bell, K.P. and S. Jain. 2009. Maine Sustainability Solutions Initiative and Coupled Systems Modeling. Invited talk, Maine EPSCoR Conference, Orono, ME, September 21, 2009.

Bell, K.P. and J. Leahy. 2009. Extending the Frontiers of Citizen Science: New Applications to Lake Development, Recreation & Associations. Invited talk, Maine Volunteer Lake Monitoring Program's 2009 Lake Monitoring Conference, Turner, ME, July 11, 2009.

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- Bell, K.P. 2009. Incorporating GIS into natural resource management and economics curricula. School of Marine Affairs, University of Washington, Seattle, WA, May 6, 2009.
- Bell, K.P. 2009. Proximity and Public Preferences for Landscape Protection Programs. Department of Agricultural, Environmental, and Development Economics, The Ohio State University, Columbus, OH, February 26, 2009.
- Bell, K.P. 2008. Sustainable Lake Management in Maine's Changing Landscape. US Environmental Protection Agency, Collaborative Science Network, Washington, DC, April 22, 2008.
- Bell, K.P. 2007. Spatial Aspects of Human and Environmental Interactions. Department of Agricultural Economics and Rural Sociology, Penn State University, State College, PA, October 19, 2007.
- Bell, K.P. 2007. Remarks on U.S. Land Use Data Collection. Invited talk, New Developments in U.S. Land-Use Data Collection and Analysis: Implications for Agriculture and Rural Land. USDA ERS and Farm Foundation Workshop, Washington, DC, October 17, 2007.
- Liliehalm, R. and K.P. Bell. 2007. Alternative Futures for the Penobscot Watershed, Environmental Solutions Initiative Seminar Series, Senator George J. Mitchell Center for Environmental and Watershed Research, University of Maine, Orono, ME, April 19, 2007.
- Bell, K.P. RGGI: A Primer, Regional Greenhouse Gas Initiative: Taking Action in Maine Conference, Augusta, Maine, Co-sponsored by the University of Maine's Margaret Chase Smith Policy Center and the University of Southern Maine's Muskie School of Public Service, Augusta, ME, February 7, 2007.
- Bell, K.P. 2007. Perceptions of Maine's Changing Landscape: Evidence from Recent Referenda, Seminar, School of Economics Series, University of Maine, Orono, ME, February 2, 2007.
- Bell, K.P. 2006. Open Space and Working Forests: Research Findings and Observations Regarding Maine and Other Northeastern States. Invited talk, Keeping Working Forests: the Role of Forests in Preserving Open Space Workshop, Bend, Oregon. Sponsored by the USDA Forest Service Pacific Northwest Research Station and the Western Forestry and Conservation Association, November 28, 2006.
- Bell, K.P. 2006. The Economics of Managing Invasive Forest Pests. School of Forestry Seminar Series, University of Maine, Orono, November 3, 2006.
- Bell, K.P. 2006. Economic Valuation of Arsenic. Invited talk, U.S. EPA NCER/NCEE Workshop Morbidity and Mortality: How Do We Value the Risk of Illness and Death? Washington, DC, April 11, 2012.
- Bell, K.P. 2006. Economics and Wildlife Ecology: the Good, the Bad, and the Ugly. Department of Wildlife Ecology Seminar Series, University of Maine, Orono, ME, April 3, 2006.
- Bell, K.P. 2005. Invited Speaker, Panel Discussion of Possible Futures of the Northern Forest. Ecology and Environmental Sciences Seminar, University of Maine, December 5, 2005.

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- Bell, K.P. 2002. Applying the Generalized-Moments Estimation Approach to Spatial Problems Involving Microlevel Data. Department of Economics Seminar Series, University of New Hampshire, Durham, New Hampshire, December 13, 2002.
- Bell, K.P. and E.G. Irwin. 2002. Economic Models of Land Use and the Determinants of Land Use Change: Decisions, Decisions, Decisions. Invited Speaker, Clemson University, Biocomplexity Workshop, Clemson, South Carolina, March 6-10, 2002.
- Bell, K.P. 2002. Land Use Problems and Conflicts: Data and Empirical Modeling Issues. Invited Speaker, Northeast East Regional Center for Rural Development, Research Workshop on Land Use Problems and Conflicts, Orlando, FL, February 21-22, 2002.
- Bell, K.P. 2001. Linking Economic and Ecological Landscapes. Department of Forestry and Natural Resources, Purdue University, West Lafayette, IN, November 2, 2001.
- Bell, K.P. and E.G. Irwin. 2001. Invited Lecturer. Spatial Analysis Learning Workshop, American Association of Agricultural Economists Annual Meeting, Chicago, IL, July, 2001.
- Bell, K.P. and E.G. Irwin. 2000. Invited Lecturer. Spatial Analysis Learning Workshop, International Association of Agricultural Economists Annual Meeting, Berlin, August.
- Bell, K.P. 1998. Invited Panelist on Biological Diversity Research. Valuing and Managing Ecosystems: Economic Research Sponsored by NSF/EPA. Washington, DC, October.

PROFESSIONAL PRESENTATIONS, CONFERENCES & WORKSHOPS

- Bell, K.P. 2018. Big data, economics, and rural economies: facilitating innovation and economic opportunities in rural communities. 2018 NIFA Agricultural Economics and Rural Communities (AERC) Project Directors Workshop, Agricultural & Applied Economics Association Annual Meeting, Washington, D.C., August 8, 2018.
- Bell, K.P., Crandall, M., Munroe, D.K., Colocousis, C., & A. Morzillo. 2018. Rural forest-based communities, economic shocks, and economic trajectories. Selected Paper prepared for presentation at the 2018 Agricultural & Applied Economics Association Annual Meeting, Washington, D.C., August 7, 2018.
- Bell, K.P. 2018. Land management decisions and environmental change in urbanizing forested landscapes, Costs and Benefits of Natural Resources on Public and Private Lands: Management, Economic Valuation, and Integrated Decision Making (W-4133 Annual Meeting), Austin, TX, February 22, 2018.
- Bell, K.P. 2017. Participant, Ecology & Economics Workshop - Cross-Disciplinary Socio-Environmental Statistics in the Anthropocene, SESYNC Center, Annapolis, MD, September, 2017.
- Kaminski, A., Bell, K.P., Noblet, C.L., Evans, K.S. 2016. Assessing the demand for safety information on coastal beaches. Northeastern Agricultural and Resource Economics Association (NAREA) Economics of Changing Coastal Resources Workshop. Bar Harbor, ME. June 21, 2016.
- Noblet, C., Evans, K., Fox, E., Bell, K.P. and A. Kaminski. 2016. Citizen choices for allocating coastal water quality conservation funds. Northeastern Agricultural and

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- Resource Economics Association, Economics of Changing Coastal Resources Workshop, Bar Harbor, ME, June 21, 2016.
- Noblet, C.L., Bell, K.P., Fox, E.L, Kaminski, A., Eslin, A. and Hallowell, A. 2016. Turning the Tide: Impact of Framing on Coastal Water Quality Decisions. Association of Environmental and Resource Economists (AERE) Annual Conference Breckenridge, Colorado, Colorado. June 9-11, 2016. Poster.
- Bell, K.P. and K. Kaczor. 2016. Turbulence and triumph: tackling the complex challenges related to healthy beaches. EPA Recreational Waters Conference. New Orleans, LA. April 15, 2016.
- Kaminski, A., Bell, K.P., Noblet, C.L, Evans, K.S. 2016. An economic evaluation of the demand for beach safety information. EPA Recreational Waters Conference. New Orleans, LA. April 12-15, 2016. Poster Presentation.
- Fox, E. McGreavy, M., Noblet, C., Bell, K., Disney, J., Kaminski, A., Farrell, A., Hallowell, A. 2016. Ecosystem Service Values as a Participatory Model for Stakeholder Engagement? Poster Presentation. University of Maine Student Research Symposium. April 27, 2016.
- Fox, E., Leslie, L. Noblet, C., Safford, T., Bell, K.P., Kaminski, A., Thompson, C., Snell, M., Eslin, A. 2016. Coastal tourism and citizen attitudes about coastal water quality: Risk communication and community engagement for effective coastal zone management in Maine. Conference Presentation. Maine Sustainability and Water Conference. Augusta, ME. March 28, 2016.
- Kaminski, A., Bell, K.P., Noblet, C.L, Evans, K.S. 2016. An economic evaluation of the demand for beach safety information. Maine Sustainability and Water Conference. Augusta, ME. March 28, 2016. Poster Presentation.
- Bell, K.P, Kaminski, A., Evans, K.S. and C.L. Noblet. 2016. Beach recreation, coastal water quality, and beach advisories: insights and questions (from Maine and New Hampshire). Conference Presentation. W-3133 Annual Meeting. Portland, OR February 25, 2016.
- Balukas, J., Bell, K.P., Calhoun, A.J.K., Hunter, M.L., and D. Bauer. 2015. Advancing innovative conservation tools by improve knowledge of decision-making on private lands. International Congress for Conservation Biology, Montpellier, France, August 5, 2015 (poster presentation).
- Bell, K.P., Calhoun, A.J.K., and R. Freeman. 2015. Using a hybrid regulatory approach to conserve small natural features: A Maine case study. International Congress for Conservation Biology, Montpellier, France, August 4, 2015.
- Calhoun, A.J.K., Bell, K.P., Boix, D., Fitzsimons, J., and D. Mushet. 2015. Temporary wetlands: Challenges and solutions to conserving a "disappearing" resource. International Congress for Conservation Biology, Montpellier, France, August 4, 2015.
- Bauer, D., Calhoun, A.J.K., Bell, K.P., Balukas, J., Hunter, M., Nelson, E., and V. Acuna 2015. Managing small natural features: A synthesis of emergent socio-economic issues. International Congress for Conservation Biology, Montpellier, France, August 4, 2015.

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- Kaminski, A., Bell, K.P., Noblet, C., Fox, E., and A. Eslin. 2015. Coastal Connections: Place, Beach Use, and Water Quality. Maine Beaches Conference 2015, South Portland, ME, July 17, 2015.
- Bell, K.P., Calhoun, A.J.K., Bauer, D., Freeman, R., Levesque, V., and J. Balukas. 2015. Using a hybrid regulatory instrument to protect small natural features: lessons from Maine, USA. Northeastern Agricultural and Resource Economics Association / Canadian Agricultural Economics Society Joint Annual Meeting, Newport, RI, June 30, 2015.
- Noblet, C., Bell, K.P., Fox, E., Kaminski, A., Snell, M., and T. Obamsawin. 2015. Testing the waters with citizens: factors determining citizen willingness to pay for improvements in coastal water quality. Northeastern Agricultural and Resource Economics Association / Canadian Agricultural Economics Society Joint Annual Meeting, Newport, RI, June 29, 2015.
- Beard, K., Noblet, C., Bell, K.P., Xu, F., Fox, E., and A. Kaminski. 2015. Coastal Water Quality: Linking Insights from Analysis of Fecal Coliform Levels and Citizen Survey Responses. Maine Water and Sustainability Conference, Augusta, ME, April 1, 2015.
- Kaczor, K., Kaminski, A., Rude, A., Bell, K.P., Peckenham, J., Noblet, C., Lynn, M., and C. Colgan. 2015. Maine and New Hampshire's Coastal Beaches: Multiple Perspectives. Maine Water and Sustainability Conference, Augusta, ME, April 1, 2015.
- Johnson, E., Bell, K.P., and J. Leahy. 2015. The Social Dynamics of River Restoration. Maine Water and Sustainability Conference, Augusta, ME, April 1, 2015.
- Obomsawin, T., Noblet, C., Bell, K.P., Kaminski, A., and E. Fox. 2015. A Statistical Report of Maine Residents' Perceptions of Water Quality Issues. Maine Water and Sustainability Conference, Augusta, ME, April 1, 2015 (poster presentation).
- Fox, E., Noblet, C., Bell, K.P., Kaminski, A., and T. Obamsawin. 2015. Who Should Bear the Burden of Cost for Protecting Water Quality? Maine and New Hampshire Coastal Resident Perceptions about Financial Responsibility. Maine Water and Sustainability Conference, Augusta, ME, April 1, 2015 (poster presentation).
- Bell, K.P., VanderLugt, B., Kaminski, A., and J. Balukas. 2015. Assessing spatial heterogeneity in behaviors and attitudes: implications for land and water resource management in a changing environment. 2015 W-3133 Multistate Project Meeting, Pensacola, FL, February 26, 2015.
- Balukas, J., Calhoun, A.J.K., Hunter, M.L., and D. Bauer. 2014. Combining spatial and survey data to explain private landowners' management decisions. Maine EPSCoR Conference, University of Maine, Orono, ME, December 1, 2014 (poster presentation).
- Kaminski, A. and K.P. Bell. 2014. Diversity in coastal beach attributes in Maine and New Hampshire: implications for visitation, value, and management. Maine EPSCoR Conference, University of Maine, Orono, ME, December 1, 2014 (poster presentation).
- Snell, Margaret A and Bell, K.P. 2014. Poster. Coastal Community Resilience and Perceptions of Water Quality. Maine EPSCoR Conference, University of Maine, Orono, ME. December 1, 2014 (poster presentation).

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- Bell, K.P., Bauer, D.M., Nelson, E., and J. Balukas. 2014. Community-scale innovations to conserve natural resources: assessing patterns in interactions among state and local government policies. Northeastern Agricultural and Resource Economists Association Annual Meeting, Morgantown, WV, June 3, 2014.
- Johnson, E., Bell, K.P., Suitor, D. 2014. Disamenity to amenity: the changing landscapes of Maine's urban river communities. American Association of Geographers 2014 Annual Meeting, Tampa, FL, April 12, 2014.
- Colby-George, J. and K.P. Bell. 2014. Learning from landowners to improve collaborative land use planning. Maine Water & Sustainability Conference, Augusta, ME, April 1, 2014.
- Levesque, V., Bell, K.P., Calhoun, A.C., and M. Teisl. 2014. A collaborative economic and ecological analysis of a proposed vernal pool regulatory mechanism. Maine Water & Sustainability Conference, Augusta, ME, April 1, 2014.
- MacLagan, S., Bell, K.P., Silka, L., Johnson, T., and J. East. 2014. Analyzing the economics of shellfish management policy structures, Maine Water & Sustainability Conference, Augusta, ME, April 1, 2014 (poster presentation).
- Suldovsky, B., McGreavy, B., MacLagan, S., Bell, K.P., Jones, S., and L. Lindenfeld. 2014. Decision-making processes for beach and shellfish management: a scoping analysis for NEST's Safe Beaches and Shellfish Project. Maine Water & Sustainability Conference, Augusta, Maine, April, 1, 2014 (poster presentation).
- Johnson, E., Bell, K.P., Camill, P., Johnson, T., Leahy, J., and L. Silka. 2013. Disamenity to amenity: socio-ecological dynamics of river restoration, Maine EPSCoR Conference, University of Maine, Orono, ME, September 30, 2013 (poster presentation).
- Johnson, M.L., Teisl, M.F., Bell, K.P., and S.K. McCoy. 2013. Assessing psychological factors affecting personal relevance of landscape change scenarios, 2013 Maine EPSCoR Conference, University of Maine, Orono, ME, September 30, 2013 (poster presentation).
- MacLagan, S., Bell, K.P., Silka, L., Johnson, T., and J. East. 2013. Analyzing the economics of shellfish management policy structures, 2013 Maine EPSCoR Conference, University of Maine, Orono, ME, September 30, 2013 (poster presentation).
- Bell, K.P., Smith, H., Butts, K., Lincoln, R., and A.E. Smith. 2013. Pressing the issue: effects of news media on well water testing behavior in Maine. National Conference on Health Communication, Marketing, and Media, Atlanta, GA, August 20, 2013.
- Levesque, V., Johnson, T., Calhoun, A., and K.P. Bell. 2013. The role of networks in developing municipal environmental policy. ISSRM 2013 Conference, Estes Park Colorado, June 8, 2013.
- Vanderlugt, B., Bell, K.P., Leahy, J., and M. Teisl. 2013. Landowner Objectives and Management Behavior Across the Urban-Rural Gradient. ISSRM 2013 Conference, Estes Park Colorado, June 7, 2013.
- Quartuch, M. R., Daigle, J., Leahy, J., and Bell, K.P. 2013. Predicting development intentions of private family forest landowner in Maine through attitudes, norms, perceived control, and stewardship ethics. International Symposium on Society and Resource Management, Colorado Springs, CO, June 7, 2013.

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- Johnson, E., Bell, K.P. and J.E. Leahy. 2013. Amenity to disamenity: socio-ecological dynamics of river restoration. ISSRM 2013 Conference, Estes Park, Colorado, June 6, 2013 (poster presentation).
- Quartuch, M.R., Daigle, J., Bell, K.P., Silka, L., Wagner, R., and S. Wyatt. 2013. Attached to what and to whom: Using sense of place and sense of community to examine forest landowner intentions to parcelize or develop private property. International Symposium on Society and Resource Management, Colorado Springs, CO, June 6, 2013 (poster presentation).
- Johnson, M., Teisl, M., Bell, K.P., and R. Lillieholm. 2013. The role of geographic scale and sense of place in scenario analysis. ISSRM 2013 Conference, Estes Park Colorado, June 5, 2013.
- Vanderlugt, B., Bell, K.P., Leahy, J., and M. Teisl. 2013. Management of private lands: a spatial perspective. University of Maine Graduate Student Research Expo, Orono, Maine, March 25, 2013.
- Johnson, E., Bell, K.P., Ames, T., Camill, P., Herrera, G., Johnson, B., Lewis, L., Lichter, J., Willis, T., and K. Wilson. 2013. Translating knowledge into action: using a boundary approach to connect researchers to stakeholders. Maine Water Conference, Augusta, ME, March 19, 2013.
- Hutchins, K., Lindenfeld, L.A., Bell, K.P., Silka, L., and Leahy, J. 2012. Testing the Waters: Assessing the Potential for Community-University Partnerships. National Communication Association 98th Annual Convention, Orlando, FL, November 16, 2012.
- Levesque, V., Bell, K.P., and A. Calhoun. 2012. Promoting sustainability through policy initiatives: how municipalities contribute. 2012 Annual Meeting of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 3, 2012.
- Quartuch, M. R., Daigle, J., Leahy, J., and K.P.Bell. 2012. Stewardship versus development: Exploring landowner ethics and behavioral intentions. Society of American Foresters, Spokane, Washington, October 26, 2012 (poster presentation).
- Bell, K.P., Leahy, J. Quartuch, M.R., Vanderlugt, B., Frisch, A., Straub, C., Colby-George, J. and A. Weiskettel. 2012. People, Landscapes, and Communities Team. 2012 Maine EPSCoR Conference, Orono, ME, September 24, 2012 (poster presentation).
- Colby-George, J., Waring, T., Bell, K.P., and C. Colgan. 2012. Landowner choices and landscape-level change: an agent-based model designed to engage the public. 2012 Maine EPSCoR Conference, Orono, ME, September 24, 2012 (poster presentation).
- Frisch, A., Bell, K.P., Quartuch, M.R., Vanderlugt, B. and J. Colby-George. 2012. Assessing the Concerns of Maine Landowners. 2012 Maine EPSCoR Conference, Orono, ME, September 24, 2012 (poster presentation).
- Hutchins, K., Lindenfeld, L.A., Bell, K.P., Teisl, M., Silka, L., & Leahy J. 2012. Linking Knowledge with Action Through Municipality-University Partnerships. 2012 Maine State EPSCoR Conference, Orono, ME, September 24, 2012 (poster presentation; Graduate Student Poster Prize).
- Levesque, V., Bell, K.P., and A. Calhoun. 2012. Municipal Vernal Pool Policy Development: Sustainability Science in Action. 2012 Maine EPSCoR Conference, University of Maine, Orono, ME, September 24, 2012 (poster presentation).

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- Quartuch, M. R., Daigle, J., Weiskittel, A., Vanderlugt, B., Straub, C., Leahy, J., Colby-George, J., and K.P. Bell. 2012. Using sense of place and sense of community to understand landscape change behaviors. 2012 Maine EPSCoR Conference, Orono, ME, September 24, 2012 (poster presentation).
- Vanderlugt, B., Bell, K.P., Teisl, M., and J. Leahy. 2012. An Examination of Heterogeneity Across the Urban-Rural Gradient. 2012 Maine EPSCoR Conference, Orono, ME, September 24, 2012 (poster presentation).
- Engelberth, H.M., Teisl, M.F., Noblet, C., Bell, K.P., Frohberg, E., Butts, K., and Smith, A. 2012. Econometric Analysis of Maine's Mercury Advisory. 2012 Agricultural and Applied Economics Association Annual Meeting, Seattle, WA, August 13, 2013.
- Hutchins, K., Silka, L., Bell, K.P., Teisl, M., Lindenfeld, L.A. & Leahy, J. 2012. Linking Knowledge with Action Through Municipality-University Partnerships. Poster Presentation, Public Participation in Scientific Research Preconference, Ecological Society of America Annual Convention, Portland, OR, August 5, 2012 (poster presentation).
- Levesque, V., Calhoun, A., and K.P. Bell. 2012. Municipal vernal pool policy: sustainability science in action. Society for Conservation Biology North America Congress for Conservation Biology, Oakland, CA, July 16, 2012 (poster presentation).
- Bell, K.P. 2012. Assessing insights from land conservation referenda over space and time. 2012 AERE Summer Conference, Asheville, NC, June 5, 2012.
- Lewis, L., Bell, K.P., Boyle, K., Pope, J., Taylor, L., and J. Zabel. 2012. Valuation in a bubble: hedonic modeling pre- and post-housing market collapse. Panel discussion, 2012 AERE Summer Conference, Asheville, NC, June 4, 2012.
- Bell, K.P., Adams, D., Kline, J., and G. Latta. 2012. Assessing interactions between urbanization, forest management, and climate policy. 2012 AERE Summer Conference, Asheville, NC, June 4, 2012 (poster presentation).
- Colby-George, J., Bell, K.P., Colgan, C., and T. Waring. 2012. Using agent-based models to engage with stakeholders. 2012 Maine Water Conference, Augusta, ME, March 14, 2012.
- Levesque, V., and Bell, K.P. 2012. Sustainability in Maine Municipalities. 2012 Maine Water Conference, Augusta, ME, March 14, 2012.
- Vanderlugt, B. and K.P. Bell. 2012. Land-Use Dynamics, Neighbors, and Boundary Spanning. 2012 Maine Water Conference, Augusta, ME, March 14, 2012.
- Bell, K.P. and J. Kline. 2012. Evaluating linkages between landscape change, public land and resource management policies, and ecosystem services. 2012 W2133 Annual Conference, Benefits and Costs of Natural Resource Policies Affecting Public and Private Lands, Park City, UT, February 23, 2012.
- Colby-George, J., Bell, K.P., Colgan, C., and T. Waring. 2011. Landowner choices and landscape change. Association of American Geographers 2011 Annual Meeting, New York, NY, February 26, 2012.
- Plowden, J., Bell, K.P., and M. Anderson. 2011. Interactions between development and conservation planning. 58th Annual North American Meetings of the Regional Science Association International, Miami, FL, November 10, 2011.

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- Snell, M.S., Bell, K.P., and J. Leahy. 2011. Local institutions and lake management. 14th World Lake Conference: Lakes, Rivers, Groundwater, and Coastal Areas - Understanding Linkages, Austin, TX, November 2, 2011.
- Speers, A.E., Bell, K.P., Teisl, M.F. & J.E. Leahy. 2011. Tradeoffs, social norms, status, and pro-environmental behavior: adoption of conservation practices by lakefront households. 14th World Lake Conference: Lakes, Rivers, Groundwater, and Coastal Areas - Understanding Linkages, Austin, TX, November 2, 2011.
- Plowden, J. and K.P. Bell. 2011. Development and Conservation Planning: Advancing and Passing the Ball. 2011 AAEA and NAREA Annual Meeting, Pittsburgh, PA, July 25, 2011.
- Speers, A.E., Bell, K.P., Teisl, M.F. & J.E. Leahy. 2011. Tradeoffs, social norms, status, and pro-environmental behavior: adoption of conservation practices by lakefront households. 2011 AAEA and NAREA Annual Meeting, Pittsburgh, PA, July 26, 2011.
- Speers, A.E. and Bell, K.P. 2011. Does knowledge lead to action? Evidence from lakeshore households. Annual Maine Lakes Conference, Waterville, ME, June 25, 2011 (poster presentation).
- Bell, K.P. 2011. Linking knowledge and action for sustainable lake management. Annual Maine Lakes Conference, Waterville, ME, June 25, 2011 (poster presentation).
- Speers, A.E., Bell, K.P., Teisl, M.F. & J.E. Leahy. 2011. Explaining lakefront household adoption of conservation practices: social norms, status, and economic tradeoffs. 17th International Symposium on Society and Resource Management, Madison, WI, June 7, 2011.
- Plowden, J. and K.P. Bell. 2011. Using stakeholder input to improve community planning research. 17th International Symposium on Society and Resource Management, Madison, WI, June 7, 2011.
- Hart, D.H., Bell, K.P., Lindenfeld, L., Jain, S., and J. Peckenham. 2011. Managing a Sustainability Science Portfolio. Resilience 2011. Arizona State University, Tempe, AZ, March 17, 2011.
- Hutchins, K., Bell, K.P., Leahy, J., Lindenfeld, L., Silka, L., Foster, A., Kacer, N., and L. Thornbrough. Municipal-University Partnerships Needs Assessment: Communities Informing Research. 2011. Maine's Sustainability Solutions Initiative: An Introduction. Maine Water Conference, Augusta, ME, March 16, 2011.
- Bell, K.P. 2011. Maine's Sustainability Solutions Initiative: An Introduction. Maine Water Conference, Augusta, ME, March 16, 2011.
- Kary, D. and Bell, K.P. 2011. Residential Development and Stream Flow Interactions. Maine Water Conference, Augusta, ME, March 16, 2011 (poster presentation).
- Plowden, J. and Bell, K.P. 2011. Integration Land Use Modeling and Stakeholder Knowledge. Maine Water Conference, Augusta, ME, March 16, 2011 (poster presentation).
- Speers, A. and Bell, K.P. 2011. Does knowledge lead to action? Evidence from lakeshore households. Maine Water Conference, Augusta, ME, March 16, 2011 (poster presentation).

Kathleen P. Bell

- Bell, K.P., Levesque, V., Colby-George, J., and C. Colgan. 2011. Measure for measure: What are the linkages between open spaces, private lands, and property values? Working paper submitted as proceedings of the 2011 W2133 Conference (Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands), Albuquerque, NM, February 27, 2011.
- Bell, K.P. 2010. Do transdisciplinary fields require transdisciplinary teaching? Global Land Project 2010 Open Science Meeting, Arizona State University, Tempe, AZ, October 19, 2010.
- Bell, K.P. 2010. Understanding the market for land-change information: challenges in and opportunities for reconciling supply and demand. Global Land Project 2010 Open Science Meeting, Arizona State University, Tempe, AZ, October 18, 2010.
- Snell, M., Bell, K.P., and J. Leahy. 2010. Local Institutions and Natural Resource Management. 2010 Annual Meeting of the Agricultural and Applied Economics Association, Denver, CO, July 26, 2010.
- Kary, D. and Bell, K.P. 2010. Seasonal versus Primary Home Development Patterns in Maine: A Sustainable Lake Management Perspective. Maine Lakes Conference and COLA Annual Meeting, Waterville, ME, June 26, 2010 (poster presentation).
- Plowden, J. and Bell, K.P. 2010. Informing watershed management by understanding demographic and development patterns. Maine Lakes Conference and COLA Annual Meeting, Waterville, ME, June 26, 2010 (poster presentation).
- Speers, A. and Bell, K.P. 2010. Knowledge to Action and Lakefront Households. 2010 Annual Maine Lakes Conference and COLA Annual Meeting, Waterville, ME, June 26, 2010 (poster presentation).
- Hart, D., Bell, K.P., Hutchins, K., Jain, S., McGreavy, B., and L. Silka. 2010. Technology and Sustainability. Annual Convention of Media Ecology Association, Orono, ME, June 11, 2010.
- Speers, A.E. and K.P. Bell. 2010. Empirically predicting Invasive Watermilfoil Presence in Maine Lakes. Annual Maine Water Conference, Augusta, ME, March 17, 2010 (poster presentation).
- Bell, K.P. and J. Kline. 2009. Assessing patterns in the conversion of rural lands to residential use. AAEA & ACCI 2009 Joint Annual Meeting, Milwaukee, WI, July 27, 2009.
- Bell, K.P., Colgan, C., Jain, S., Lindenfeld, L., Lillieholm, R., Leahy, J., Porter, T., and L. Silka. 2009. Integrating Communication Studies into Issue-Driven Interdisciplinary Research: Maine's Sustainability Solutions Initiative as a Model. Conference on Communication and the Environment, University of Southern Maine, Portland, ME, June 28, 2009.
- Snell, M.A., Bell, K.P., Leahy, J. 2009. Presence and Success of Maine's Lake Associations. Maine Lakes Conference, Standish, ME, June 20, 2009.
- Tylka, M.L., Vaux, P., and K.P. Bell. 2009. Trends in Water Clarity of Maine's Great Ponds. Graduate Research Expo, University of Maine, Orono, ME, April 14, 2009.
- Freeman, R. and K.P. Bell. 2009. Economic Modeling of the Impacts of Land-use Patterns on Ecological Services. Graduate Research Expo, University of Maine, Orono, ME, April 14, 2009 (poster presentation).

Kathleen P. Bell

- Snell, M.A., Bell, K.P., and J. Leahy. 2009. Factors Influencing the Distribution of Lake Associations in Maine. Graduate Research Expo, University of Maine, Orono, ME, April 14, 2009 (poster presentation).
- Tylka, M., Vaux, P., and K.P. Bell. 2009. Changes in Urban Land Cover and Trends in Water Clarity in Maine's Great Ponds, 15th Annual Maine Water Conference, Portland, ME, March 24, 2009.
- Snell, M.A., Bell, K.P., and J. Leahy. 2009. Factors Influencing the Distribution of Lake Associations in Maine. 15th Annual Maine Water Conference, Portland, ME, March 24, 2009. (poster presentation)
- Bell, K.P. 2009. Communicating Risks of Arsenic, W2133 Annual Meeting, Austin, TX, February 15, 2009.
- Snell, M.A., Paluga, C., Bell, K.P., Leahy, J. 2009. Applying the Water Recreation Opportunity Spectrum (WROS) to Maine's Lakes. North American Lake Management Society Symposium, Lake Louise, Alberta, November 11-14, 2008 (poster presentation).
- Snell, M.A., Paluga, C., Bell, K.P., Leahy, J. 2009. Applying the Water Recreation Opportunity Spectrum (WROS) to Maine's Lakes. Eastern Canada - USA Forest Science Conference, October 17-18, 2008, Orono, ME (poster presentation).
- Paluga, C., Snell, M.A., Bell, K.P., Leahy, J. 2009. Lake Development and Recreation Use of Maine's Lakes. Eastern Canada - USA Forest Science Conference, October 17-18, 2008, Orono, ME (poster presentation).
- Bell, K.P. 2008. Modeling urban-rural interactions in agricultural and forested landscapes. Northeastern Agricultural and Resource Economics Association Annual Meeting, Quebec City, Quebec, Canada, June 30, 2008.
- Freeman, R. and K.P. Bell. 2008. Modeling residential growth at the parcel- and pixel-level. Northeastern Agricultural and Resource Economics Association Annual Meeting, Quebec City, Quebec, Canada, June 30, 2008.
- Bell, K.P. and M. Teisl. 2007. Private well water and human behavior: decisions, decisions, decisions. 2007 New England Private Well Water Symposium, Newport, Rhode Island, December 4, 2007.
- Tylka, M., Bell, K.P., and K. Webster. 2007. Lake Water Quality in Maine's Changing Landscape, Transatlantic Land Use Conference, Washington, DC, September 25, 2007.
- Bell, K.P. 2007. Public Preferences for Protecting Working Landscapes, Transatlantic Land Use Conference, Washington, DC, September 26, 2007.
- Freeman, R., and K. P. Bell. 2007. A Multi-disciplinary Approach to Modeling the Impacts of Land Use Change on Vernal Pool-breeding Amphibians, Transatlantic Land Use Conference, Washington, DC, September 25, 2007.
- Bell, K.P. 2007. Public Preferences for Natural Resources: Evidence from Maine Ballot Initiatives, Annual Meeting of the American Agricultural Economics Association, Portland, Oregon, July 30, 2007.
- Bell, K.P., Lewis, D. and B. Provencer. 2007. Dynamic Interactions Between Residential Development and Natural Amenities: Reflections on Experiences in Lake-Rich

Kathleen P. Bell

- Landscapes, Annual Meeting of the American Agricultural Economics Association, Portland, Oregon, July 31, 2007.
- Bell, K.P. 2007. Houses in the Fields and Forests: A Spatial Economic Analysis of Residential Development Trends in Maine. Northeastern Agricultural and Resource Economics Association Annual Meeting, Rehoboth Beach, DE, June 11, 2007.
- Bell, K.P. and K. Webster. 2007. Assessing Interactions Among Lakeshore Development Patterns and Water Quality, Emerging Issues Along Urban/Rural Interfaces II Conference, Atlanta, GA, April 10, 2007.
- Liliehalm, R., Hart, D., and K.P. Bell. 2007. Land Use Change in the Penobscot Watershed, Emerging Issues Along Urban/Rural Interfaces II Conference, Atlanta, GA, April 10.
- Bell, K.P. 2007. Preserving Rural Land, Annual Meeting of the American Economics Association, Chicago, IL, January 6, 2007.
- Bell, K.P. and M. Tylka. 2006. The Economic Value of Riparian Buffers, The Function and Values of Vegetated Buffers Conference, Augusta, Maine, Sponsored by the Maine Nonpoint Source Training and Resource Center and the Maine Department of Environmental Protection, November 9, 2006.
- Gabe, T., Colby, K., and K.P. Bell. 2006. Creative Occupations and Earnings in U.S. Counties. Presented at the North American Annual Meetings of the Regional Science Association International, November, 2006.
- Hudnor, A., Gabe, T. and K.P. Bell. 2006. Do Conservation and Tourism Reinforce Each Other? Research from Northern New England and Beyond. Presented at the 2006 National Tourism Extension Conference, September, 2006.
- Bell, K.P. and T.J. Dalton. 2006. Spatial Economic Analysis in Data-Rich Environments, International Association of Agricultural Economists, 2006 Meeting, Queensland, Australia, August 14, 2006.
- Walker, J. and K.P. Bell. 2006. The Importance of Environmental Amenities to Residential Location Decisions in Rural Coastal Communities, Northeastern Agricultural and Resource Economics Association Annual Meeting, Mystic, Connecticut, June 12, 2006.
- Devine, J. and K.P. Bell. 2006. Rural Resident and Business Attitudes Towards Tourism, Northeastern Agricultural and Resource Economics Association Annual Meeting, Mystic, Connecticut, June 12, 2006.
- Bell, K.P. 2006. Invasive Forest Pests and Public Land Management: Seeing (and Managing) the Forest and its Trees, International Symposium on Society and Resource Management, Vancouver, BC, Canada, June 6, 2006.
- Devine, J., Bell, K.P., and T. Gabe. 2006. Rural Resident Attitudes Towards Tourism, Annual Meeting of the Southern Regional Science Association, St. Augustine, FL, April 1, 2006.
- Clover, R. and K.P. Bell. 2005. Moose Vehicle Collisions in Maine, Annual Meeting of the Wildlife Society, Madison, Wisconsin, September 2005.
- Walker, J. and K.P. Bell. 2005. Length of Residency in Rural Areas and Preferences for Community Attributes, Camp Resources XIII, Wilmington, Delaware, August 11-12,

Kathleen P. Bell

2005. Hosted by V.K. Smith, North Carolina State, Department of Agricultural and Resource Economics.
- Bell, K.P., Boyle, K.J., Devanney, M. and S. Huang. 2005. Behavioral Responses to Arsenic in Drinking Water, 2005 American Agricultural Economics Association Annual Meeting Providence, Rhode Island, July 25, 2005.
- Holmes, T., Murphy, E. and K.P. Bell. 2005. Exotic Forest Insects, Neighborhood Externalities, and Residential Landscape Values, 2005 Northeastern Agricultural and Resource Economics Association Workshop on Invasive Species, Annapolis, MD, June 14-15, 2005.
- Huang, S. and K.P. Bell. 2005. Communicating the Risk of Exposure to Arsenic in Drinking Water, 11th Annual Maine Water Conference, Augusta, Maine, March 22, 2005 (poster presentation).
- Bell, K.P. and R. Clover. 2004. A Spatial Analysis of Moose Vehicle Collisions in Maine, CU Environmental and Resource Economics Workshop, Lion Square Lodge, Vail, Colorado. Hosted by Nicholas Flores, University of Colorado Boulder, Department of Economics, October 22-23, 2004.
- Clover, R. and K.P. Bell. 2004. A Spatial Analysis of Wildlife-Vehicle Collisions in Maine, Eastern CANUSA Forest Science Conference, Hugh John Flemming Centre Fredericton, New Brunswick, October 15-16, 2004.
- Bell, K.P. and S. Huang. 2004. Testing, Testing, Testing: Analyzing the Role of Risk Communication in Limiting Exposure to Arsenic in Maine, Camp Resources XII, Wilmington, Delaware, Hosted by V.K. Smith, North Carolina State, Department of Agricultural and Resource Economics, August 16-17, 2004.
- Byrne, B. and K.P. Bell. 2004. An Averting Behavior Model of Household Responses to the Hemlock Woolly Adelgid, 2004 Northeastern Agricultural and Resource Economics Association Annual Meeting, Halifax, Nova Scotia, June 20-23, 2004.
- Bell, K.P., Teisl, M. and K. O'Brien. 2004. Preferences Across Borders: A Spatial Analysis of Willingness to Pay for Environmentally Labeled Forest Products, Forestry Across Borders, 2004 Annual Meeting of the New England Society of American Foresters, Quebec City, Quebec, March 23-26, 2004.
- Bell, K.P. and M. McMahon. 2003. A Spatial Analysis of the Location Decisions of Maine Households, 2003 Association of Environmental and Resource Economists Workshop, Spatial Theory, Modeling, and Econometrics in Environmental and Resource Economics, Madison, WI, June 15-17, 2003.
- Bell, K.P. and E.G. Irwin. 2002. Public Preferences for Open Space: Evidence from Land Preservation Ballot Initiatives, 2002 American Agricultural Economics Association Annual Meeting Long Beach, California, July 29 - August 1, 2002.
- Bell, K.P. and M. McMahon. 2002. How Smart Are Smart Growth Policies?: Evidence from Household Location Decisions in Maine. Second World Congress of Environmental and Resource Economists, Monterey, California, June 24-27, 2002.
- Irwin, E. and K.P. Bell. 2002. Modeling and Managing Urban Growth at the Rural-Urban Fringe: Evidence from a Model of Residential Land Use Change, NAREA Land Use Policy Workshop, Harrisburg, Pennsylvania, June 11-12, 2002.
- Bell, K.P., Boyle, K., and R. Paterson. 2001. Where the Wild Things Are: Evaluating the Impacts of National Wildlife Refuges on Residential Property Values and

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- Development Patterns. 48th North American Meetings of the Regional Science Association International, Charleston, South Carolina, November 15-17, 2001.
- Bell, K.P. and E.G. Irwin. 2000. Modeling the Rural-Urban Interface: Data-Rich Environments. Presented at the International Association of Agricultural Economists Annual Meeting, Berlin, August, 2000.
- Bell, K.P. and I. Strand. 2000. Minimizing the Cost of Travel. Presented at the Association of Environmental and Resource Economists Symposium, American Agricultural Economics Association Annual Meeting, Tampa, July.
- Bell, K.P., Johnson, R. and D. Huppert. 2000. Community, Place, and Landscape in Coastal Oregon and Washington. Presented at the the Eighth International Symposium on Society and Resource Management, Bellingham, WA, June.
- Bell, K.P. 2000. Striving for Integrated Research: The Human Dimension of the Pacific Northwest Coastal Ecosystem Regional Study. Presented at the Human Dimension of Large Marine Ecosystems (LME) Workshop, University of Rhode Island, February.
- Bell, K.P. 2000. Understanding the Use of Lands in the PNCERS Region: A Foundation for Integrated Research. Presented at the PNCERS Eat and Learn Seminar Series, University of Washington, February.
- Bell, K.P. 1998. Transportation and Land Use Change. Presented at the Southern Economic Association Annual Meeting, Baltimore, Maryland, November.
- Bell, K.P. 1998. A Spatial Analysis of the Transportation-Land Use Linkage. Presented at the World Congress of Environmental and Resource Economists, Venice, Italy, June.
- Bell, K.P. 1997. Using Spatial Econometric Techniques to Estimate Hedonic Models. Presented at the Southern Economic Association Annual Meeting, Atlanta, October.
- Bell, K.P. 1997. Ecological Economic Modeling: Land Use Conversion in the Patuxent Watershed. Presented at the Natural Resources Societies' Science Day, Into the 21st Century: People in a Natural World, June 12.
- Bell, K.P. and N. Bockstael. 1997. An Example of Spatial Economic Modeling: Land Use Conversion in Howard County, Maryland, Allied Social Sciences Association Annual Meeting, New Orleans, January.

PROFESSIONAL SERVICE

Professional Association and Organization Offices Held

- Scientific Review Committee, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, 2013-2018.
- President-Elect, President, and Past-President, Northeastern Agricultural and Resource Economics Association, 2012-2014.
- President, USDA CSREES MRF Project W-2133/W-3133 Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands, 2012-2013.
- Board of Directors, Northeastern Agricultural and Resource Economics Association, 2005-2008.

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Professional Association Committee Memberships

- Member, Oates Dissertation Award Committee, Association of Environmental and Resource Economists, 2017-Present.
Chair, Executive Board Nomination Committee, Northeastern Agricultural and Resource Economics Association, 2013-2014.
Member, Outstanding Paper Selection Committee, American Agricultural Economics Association, 2012-2014.
Chair, Outstanding Public Service through Economics Awards Committee, Northeastern Agricultural and Resource Economics Association, 2012-2013.
Chair, Annual Meeting of USDA Multistate Project W-3133, 2013.
Chair, Annual Meeting, Northeastern Agricultural and Resource Economics Association, 2012.
Member, Annual Meeting Program Committee, Northeastern Agricultural and Resource Economics Association, 2012-2014.
Member, Outstanding Paper Selection Committee, Northeastern Agricultural and Resource Economics Association, 2006-2010.
Member, Selected Papers and Symposia Committee, Northeastern Agricultural and Resource Economics Association, 2006-2007.
Chair, Thesis Award Committee, Northeastern Agricultural and Resource Economics Association, 2004.
Member, Thesis Award Committee, Northeastern Agricultural and Resource Economics Association, 2002-2004.

Association Memberships

- Agricultural and Applied Economics Association, 2001-Present.
American Economic Association, 2001-Present.
Association of Environmental and Resource Economists, 2001-Present.
Northeastern Agricultural and Resource Economics Association, 2001-Present.
International Regional Science Association, 2001 and 2012.
International Association for Society and Natural Resources, 2006.

Review Activities

Editorial Duties

- Associate Editor, *American Journal of Agricultural Economics*, 2011 to 2015.
Editorial Board, *Land Economics*, 2010 to present.
Editorial Board, *Coastal Management*, 2010 to 2018.
Editorial Board, *Agricultural and Resource Economics Review*, 2008-2010.

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Journal Article Referee (reviewer service activities since 2001)

Agricultural and Resource Economics Review
Agricultural Economics
Agriculture, Ecosystems, and Environment
American Journal of Agricultural Economics*
Bioscience
Coastal Management*
Conservation Letters
Contemporary Economic Policy
Ecological Applications
Ecological Economics
Environment and Planning A
Environment and Planning B
Environmental Management
Environmental and Resource Economics
Environmental Monitoring and Assessment
European Review of Agricultural Economics
Journal of Agricultural Economics
Journal of Agricultural and Applied Economics
Journal of Agricultural and Resource Economics
Journal of Environmental Economics and Management*
Journal of Environmental Management
Journal of Environmental Planning and Management
Journal of Forestry
Journal of Real Estate and Finance Economics
Journal of Regional Science
Journal of Sustainable Development
Land Economics*
Land Use Policy*
Landscape and Urban Planning*
Landscape Ecology
Maine Policy Review
Marine Resource Economics
Population Research and Policy Review
Regional Science and Urban Economics
Resource and Energy Economics
Review of Economics and Statistics
Water Resources Research
Western Economics Forum

Review of Grant Applications

Review panel, National Science Foundation, Washington, DC, March, 2018.
Review panel, National Science Foundation, Washington, DC, February, 2017.
Review panel, National Socio-environmental Synthesis Center, July, 2017.
Review panel, National Socio-environmental Synthesis Center, February, 2017.
Review panel, National Socio-environmental Synthesis Center, July, 2016.
Review panel, National Science Foundation, Washington, DC, February, 2016.
Review panel, National Socio-environmental Synthesis Center, December, 2016.
Review panel, National Socio-environmental Synthesis Center, July, 2015.
Review panel, National Socio-environmental Synthesis Center, December, 2015.
Review panel, National Socio-environmental Synthesis Center, September, 2014.

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Review panel, National Socio-environmental Synthesis Center, April, 2014.
Review panel, Oregon Sea Grant, April, 2014.
Review panel, National Socio-environmental Synthesis Center, December, 2013.
Review panel, US EPA, Science To Achieve Results Fellowship Panel, Washington, DC, February, 2013.
Review panel, Northeast Sun Grant Initiative, Cornell University, Ithaca, NY, March, 2011.
Review panel, National Science Foundation, Washington, DC, March, 2011.
Review panel, Northeast Sun Grant Initiative, Cornell University Ithaca, NY, March, 2010.
Review panel, National Science Foundation, Washington, DC, March, 2010.
Review panel, Northeast Sun Grant Initiative, Cornell University, Ithaca, NY, April, 2009.
Review panel, Northeast Sun Grant Initiative, Washington, DC, April, 2008.
Review panel, USDA Program of Research on the Economics of Invasive Species, June 2007.
Review panel, Northeast Sun Grant Initiative, Washington, DC, May, 2007.
Review panel, Northeastern States Research Cooperative, Burlington, VT, March, 2006.
Review panel, NASA/USDA LULCC (Land Use and Land Cover Change) Program, Silver Spring, MD, October, 2005.
Review panel, US EPA, Science To Achieve Results Fellowship Panel, Washington, DC, February, 2002.

Reviewer, Northeast Sun Grant Initiative, Cornell University, Pre-proposal review, 2013.
Reviewer, National Science Foundation, Methodology, Geography and Spatial Sciences Program (1 proposal), 2012.
Reviewer, National Science Foundation, Methodology, Geography and Spatial Sciences Program (1 proposal), 2011.
Reviewer, Social Sciences and Humanities Research Council of Canada (1 proposal), 2011.
Reviewer, National Science Foundation, Methodology, Geography and Spatial Sciences Program (1 proposal), 2010.
Reviewer, National Science Foundation, Methodology, Measurement, and Statistics Program (1 proposal), May 2008.
Reviewer, New Mexico Water Resources Research Institute (1 proposal), April 2008.
Reviewer, University of Maryland, Maryland Sea Grant Program (1 proposal), April 2008.
Reviewer, National Science Foundation, Geography and Regional Science Program (1 proposal), April 2007.
Reviewer, University of Delaware, Delaware Sea Grant Program (1 proposal), Spring 2004.
Reviewer, University of Maine, Senator George J. Mitchell Center for Environmental and Watershed Research (2 proposals), Fall 2003 and Spring 2004.

Review of Paper and Poster Abstracts

Agricultural and Applied Economics Association, Environmental; 2013, 2012, 2010, 2008, and 2007.
Coordinator of abstract review (w/Greg Poe), Agricultural and Applied Economics Association, Environmental Economics Track, 2010.
Northeastern Agricultural and Resource Economics Association; 2003, 2004, and 2005.
Northeastern Agricultural and Resource Economics Association Economics of Water Quality Workshop, 2015.

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Northeastern Agricultural and Resource Economics Association Land Use Workshop, 2002.

Association of Environmental and Resource Economists, 2002.

International, national, and regional meetings attended

International

International Congress for Conservation Biology, 2015.

Annual Convention of Media Ecology, 2010.

Annual Meeting of the New England Society of American Foresters, 2004.

Computers in Urban Planning and Urban Management Conference, 2005.

Eastern CANUSA Forest Science Conference, 2004.

Environmental Communication Symposium, 2010.

International Association of Agricultural Economists, 2006.

International Congress on Conservation Biology, 2015.

International Symposium on Society and Resource Management, 2006.

North American Meetings of the Regional Science Association International, 2011, 2006, and 2001.

OpenVis Conference, 2017

Transatlantic Land Use Conference, 2007.

Urbanization and Global Environmental Change, 2010.

World Congress of Environmental and Resource Economists, 2018, 2014, 2010 and 2002.

World Lake Conference, 2011.

National

Annual Meeting of the Agricultural and Applied Economics Association, 2018, 2014, 2013, 2011, 2010, 2009, 2008, 2007, 2005, and 2002.

Annual Meeting of the American Economic Association, 2015, 2013, 2011, 2007, 2005, 2003, 2002, and 2001.

Annual Meeting of the Northeastern Agricultural and Resource Economics Association, 2016, 2015, 2014, 2013, 2012, 2011, 2009, 2008, 2007, 2006, 2005, 2004, 2003, and 2002.

Annual Meeting of the Wildlife Society, 2005.

Association of Environmental and Resource Economists Summer Workshop 2013, 2012, 2011, and 2003.

Camp Resources Workshop, 2005, 2004.

Emerging Issues Along Urban/Rural Interfaces, 2007.

Environmental and Resource Economics Workshop, 2004.

Global Land Project, 2010.

National NSF EPSCoR Conference, 2013 and 2011.

Open Data Science Conference East, 2018

W-4133/3133/2133 USDA Multistate Workshop, 2018, 2017, 2015, 2013, 2012, 2011, 2009

Regional

Maine Development Foundation Annual Meeting, 2013, 2012.

Maine EPSCoR Conference, 2014, 2013, 2012, 2011, 2010, 2009.

Maine GIS Educators Conference, 2009.

Maine Lakes Conference, 2013, 2012, 2011, 2009.

Maine Smart Growth Summit, 2012, 2004.

Kathleen P. Bell

Maine Water Conference, 2013, 2012, 2011, 2010, 2009, 2005.
Maine Water & Sustainability Conference, 2015, 2014.
Maine Women's Summit on Economic Security, 2013.
New England Private Well Water Symposium, 2007.

Sessions chaired/moderated

Co-chair, Land, Water, and Environment Track Sessions, 2015 Annual Meeting of the Agricultural and Applied Economics Association, San Francisco, CA, July, 2015.
Co-chair, Environmental and Valuation Sessions, 2010 Annual Meeting of the Agricultural and Applied Economics Association, Denver, CO, July, 2010.
Moderator, Agricultural Land Preservation, 2009 Annual Meeting of the Northeastern Agricultural and Resource Economics Association, Burlington, VT, June, 2009
Moderator, New Developments in U.S. Land-Use Data Collection and Analysis: Implications for Agriculture and Rural Land. USDA ERS and Farm Foundation Workshop, Washington, DC, October, 2007.
Moderator, Addressing Endogeneity Issues: Goals and Preferences, Transatlantic Land Use Conference, Washington, DC, September, 2007.
Moderator, Valuation and Land Use, 2007 Annual Meeting of the American Agricultural Economics Association, Portland, OR, July, 2007.
Moderator, Land Conservation, 2007 Annual Meeting of the Northeastern Agricultural and Resource Economics Association, Rehoboth, DE, June 12, 2007.
Moderator, Valuing Natural Resources, 2005 Annual Meeting of the American Agricultural Economics Association, Providence, RI, July, 2005.
Moderator, Valuing Ecosystem Services, 2003 Camp Resources, Wilmington, DE, Sponsored by NC State University's Department of Agricultural and Resource Economics, Wilmington, DE, August, 2003.
Moderator, New Techniques for Land-Use Modeling, 2002 Annual Meeting of the American Agricultural Economics Association, Long Beach, CA, July, 2002.

UNIVERSITY SERVICE

Contributions to the Department

Chair, School of Economics Peer Advisory Committee, 2013-2014
Chair, School of Economics Director Search, 2013.
Chair, School of Economics/Mitchell Center Faculty Search Committee, 2009-2010.
Co-Graduate Program Coordinator, 2013.
Developer, School of Economics Website, 2007-2008.
Lab Supervisor, Winslow Hall Computer Lab, 2007-2013.
Organizer, School of Economics Seminar Series, 2009.
Member, School of Economics Awards Committee, 2013-2017.
Member, School of Economics Graduate Program Committee, 2012-2017.
Member, School of Economics Peer Advisory Committee, 2012-2014, 2017-Present
Member, School of Economics Faculty Search Committee, 2006-2007, 2010-2011, 2015-2016.
Member, School of Economics Computer and Web Committee, 2004-2007.
Member, Resource Economics and Policy Chair Selection Committee, 2003.
Member School of Economics/School of Marine Sciences Faculty Search Committee, 2012-2013.
Member, School of Economics Undergraduate Program Committee, 2002-2005.

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Contributions to the College

Chair, Distinguished Geddes W. Simpson Lecture Committee, 2015
Honors College Council, NSFA Representative, 2007-2012.
Member, Center for Sustainable Forestry Visioning Committee, 2006-2007.
Member, Director Search Committee, School of Forest Resources, 2008.
Member, EES Graduate Program Advisory Committee, 2012-2014.
Member, EES Undergraduate Curriculum Committee, 2012-2014.
Member, EES Boyle Prize Selection Committee, 2010-2014.
Member, NSFA Awards Committee, 2011.
Member, Ryan Wright Scholarship Selection Committee, 2012-2014.
Member, School of Marine Sciences Faculty Search Committee, 2007-2008.
Member, School of Forest Resources Faculty Search Committee, 2003-2004; 2005-2006; and 2007-2008.
Member, Remote Sensing / GIS /Spatial Applications Committee, 2003-2007.

Contributions to the University

Fellow, University of Maine Faculty Fellows Program, 2013-2016.
Member, Campus Planning Committee, 2003-2009.
Member, Economic Development Taskforce, Maine's Sustainability Solutions Initiative, 2009-2012.
Member, Executive Leadership Team, New England Sustainability Consortium, 2013-2017.
Chair, Geddes Simpson Lecture Committee, 2015.
Member, Geddes Simpson Lecture Committee, 2012-2016.
Member, Honors College Council, 2004-2007.
Member, University Research Council Executive Committee, 2013-Present.
Member, Postdoctoral Research Fellow Search Committee, Maine's Sustainability Solutions Initiative, 2010-2011.
Member, Research Council, Maine's Sustainability Solutions Initiative, 2009-2014.
Member, Stewardship Council, Maine's Sustainability Solutions Initiative, 2009-2014.
Member, University Research Council, 2013-2017.
Reviewer, EPSCoR Office Internal Review of NSF NRT Proposals, 2014.

TEACHING

Advanced Environmental and Natural Economics (ECO571)
Economics Senior Capstone (ECO489)
Issues and Opportunities in Economics (ECO217)
Economics and Policy Applications of GIS (ECO473)
Land Use Planning (ECO479)
Economics of Environmental and Natural Resource Management (ECO477)
Advance Econometric Models and Applications (ECO531)
Boundary Spanning and Solutions Oriented Science (EES590)
Readings in Sustainability Science (EES590)
Environmental Economics (ECO471)
Environmental and Natural Resource Economics (ECO377)
Environmental Policy (INT105)

ADVISEES, POST-DOCS and GRADUATE STUDENTS

Post-Doctoral Mentees

- 1) Eli Lazarus, 2010-2011 (joint with Brian McGill, School of Biology and Ecology)

Doctoral Students (Committee Chair or Co-Chair)

- 1) Robb Freeman, 2003-2006 (Ecology and Environmental Sciences)
- 2) Michelle Johnson, 2013-2014 (Ecology and Environmental Sciences) (co-chair with Mario Teisl)
- 3) Eileen Johnson, 2009-2014 (Ecology and Environmental Sciences) (co-chair with Jessica Leahy)
- 4) Vanessa Levesque, 2009-2014 (Ecology and Environmental Sciences) (co-chair with Aram Calhoun)

Doctoral Students (Committee Membership)

- 1) Sean Murphy, 2003-2004 (Forest Resources)
- 2) Aaron Hoshide, 2003-2005 (Ecology and Environmental Sciences)
- 3) Sonia Aziz, 2003-2006 (Ecology and Environmental Sciences)
- 4) John Peckenham, 2004-2006 (Ecology and Environmental Sciences)
- 5) Bridie McGreavy, 2010-2013 (Communication and Sustainability Science)
- 6) Karen Hutchins, 2010-2013 (Communication)
- 7) Hollie Smith, 2010-2014 (Communication)
- 8) Michael Quartuch, 2010-2015 (Forest Resources)
- 9) Carl Wilson, 2011-2015 (Interdisciplinary, Marine Sciences)
- 10) Brianne Suldovsky, 2013-2017 (Communication)
- 11) Kate Warner, 2016-Present (Ecology and Environmental Sciences)
- 12) Fuyu (Frank) Xu, 2016-Present (Spatial Engineering and Computer Science)

Master's Students (Committee Chair or Co-Chair)

- 1) Michele McMahon, 2001-2003 (Resource Economics and Policy)
- 2) Jeremy Cusimano, 2001-2003 (Resource Economics and Policy)
- 3) Brenna Byrne, 2002-2004 (Resource Economics and Policy)
- 4) Shan Huang, 2003-2005 (Ecology and Environmental Sciences)
- 5) Regan Clover, 2003-2005 (Ecology and Environmental Sciences)
- 6) Judith Walker, 2004-2006 (Resource Economics and Policy)
- 7) Jon Devine, 2004-2006 (Resource Economics and Policy)
- 8) Megan Tylka, 2006-2008 (Ecology and Environmental Sciences)
- 9) Margaret Snell, 2007-2009 (Resource Economics and Policy)
- 10) Ann Speers, 2009-2011 (Resource Economics and Policy)
- 11) Jennifer Plowden, 2009-2011 (Resource Economics and Policy)
- 12) Daniel Kary, 2009-2011 (Ecology and Environmental Sciences)
- 13) Judy Colby-George, 2009-2014 (Ecology and Environmental Sciences)
- 14) Haley Engelberth, 2010-2012 (Ecology and Environmental Sciences)(co-chair with Mario Teisl)
- 15) Blair Vanderlugt, 2011-2013 (Resource Economics and Policy)
- 16) Stephenie MacLagan, 2012-2014 (Resource Economics and Policy)
- 17) Jessica Balukas, 2013-2015 (Ecology and Environmental Sciences)
- 18) Abigail Kaminski, 2014-2016 (Resource Economics and Policy)

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Master's Students (Committee Membership)

- 1) Lei Cui, 2001 (Resource Economics and Policy)
- 2) Robert Paterson, 2001-2002 (Resource Economics and Policy)
- 3) Kelly O'Brien, 2001-2002 (Resource Economics and Policy)
- 4) Semra Ozdemir, 2001-2003 (Resource Economics and Policy)
- 5) Isaac Annis, 2001-2006 (Forest Management)
- 6) Cecilia Clavet, 2002-2004 (Ecology and Environmental Sciences)
- 7) Neil Crescenti, 2002-2004 (Resource Economics and Policy)
- 8) Kelly Cobourn, 2002-2005 (Resource Economics and Policy)
- 9) Brad Neumann, 2003-2005 (Resource Economics and Policy)
- 10) Michael Devanney, 2003-2005 (Resource Economics and Policy)
- 11) Lisa Bragg, 2003-2005 (Resource Economics and Policy)
- 12) Catherine Larochele, 2003-2005 (Resource Economics and Policy)
- 13) Jennifer Ward, 2003-2006 (Resource Economics and Policy)
- 14) Julia Hiatt, 2003 (Resource Economics and Policy)
- 15) Richard Dorsett, 2003-2004 (Forest Management)
- 16) Brian Schneider, 2004-2005 (Forest Management)
- 17) Greg Gould, 2004-2006 (Resource Economics and Policy)
- 18) Scott Reed, 2004-2006 (Resource Economics and Policy)
- 19) Laura Kramar, 2004-2006 (Ecology and Environmental Sciences)
- 20) Amy Hudnor, 2005-2007 (Ecology and Environmental Sciences)
- 21) Eric Olds, 2005-2007 (Economics)
- 22) Joel Johnson, 2005-2007 (Resource Economics and Policy)
- 23) Gretchen Heldmann, 2006-2013 (Forest Resources)
- 24) Kristen Colby, 2006-2007 (Resource Economics and Policy)
- 25) Scott Reed, 2006-2007 (Resource Economics and Policy)
- 26) Patricia Griffiths, 2007 (Economics)
- 27) Nate Briggs, 2007-2008 (Forest Resources)
- 28) Tim Olesniewicz, 2007-2008 (Resource Economics and Policy)
- 29) Dawn Morgan, 2007-2009 (Ecology and Environmental Sciences)
- 30) Wendy Eckert, 2008-2012 (Resource Economics and Policy)
- 31) Adam Stern, 2009-2011 (Resource Economics and Policy)
- 32) Martha Willand, 2009-2011 (Ecology and Environmental Sciences)
- 33) Shyamani Siriwardena, 2009-2011 (Resource Economics and Policy)
- 34) Erika Gorczyca, 2010-2012 (Ecology and Environmental Sciences)
- 35) Micah Wall, 2012 (Economics)
- 36) Abigail Sullivan, 2011-2013 (Ecology and Environmental Sciences)
- 37) Michelle Debartolo-Stone, 2012-2014 (Resource Economics and Policy)
- 38) Emma Fox, 2015-2017 (Ecology and Environmental Sciences)
- 39) Yilan Liu, 2015-2016 (Economics)
- 40) Erin Schlager, 2015-2016 (Forest Resources)
- 41) Elisabeth Maxwell, 2015-2018 (School of Marine Sciences)
- 42) Olga Bredikhina, 2018-Present (Economics)

Undergraduate Honor's Thesis Committees

- 1) Ulrich Howard, 2008 (Member)
- 2) Dylan King, 2010 (Member)
- 3) Karen Purinton, 2011 (Member)
- 4) Gregory Viens, 2011-2102 (Chair)
- 5) Emily Kelsey, 2014 (Member)
- 6) Spencer Warmuth, 2014-2015 (Member)