

# Kathleen P. Bell

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School of Economics  
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## PROFESSIONAL EXPERIENCE

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University of Maine, Orono, ME.

Professor, School of Economics, 2015-Present.

Associate Professor, School of Economics, 2007-2015.

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.

## EDUCATION

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University of Maryland, College Park, MD.

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

Bowdoin College, Brunswick, ME.

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

## SELECT AWARDS, HONORS, & OFFICES

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University of Maine, Excellence in Faculty Mentoring Award, 2018.

Distinguished Member Award, Northeastern Agricultural and Resource Economics Association, 2015.

University of Maine Faculty Fellows Program, University of Maine, Orono, Maine, 2013-2015.

Scientific Review Committee, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, 2013-2018.

University of Maine Faculty Fellows Program, University of Maine, Orono, Maine, 2013-2015.

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.

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.

**SELECT JOURNAL ARTICLES**

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- 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.
- 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.
- 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.
- Markowski-Lindsay, M., Catanzaro, P., Bell, K.P., Kittredge, D., Leahy, J., Butler, B., Markowitz, E., Milman, A., Zimmerer, R., Allred, S. and Sisock, M. 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.
- 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.
- 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.
- Calhoun A.J.K, Mushet D.M., Bell, K.P., Boix, D., Fitzsimons, J.A., 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.
- 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.
- 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.
- 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
- Evans, K., 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, published online 25 June 2016, DOI:10.1016/j.ocecoaman.2016.06.005.
- Levesque, V., Bell, K.P., and A. Calhoun. 2016. Planning for sustainability in small municipalities: The influence of interest groups, growth patterns, and institutional characteristics, *Journal of Planning Education and Research*, published online 08 July 2016, DOI: 10.1177/0739456X16655601.
- 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.

## **Kathleen P. Bell**

- 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.
- 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
- 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), DOI: 10.5751/ES-07283-200204.
- 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.
- Hart, D. and K.P. Bell. 2013. Sustainability Science: A Call to Collaborative Action, *Agricultural and Resource Economics Review* 42(1): 75-89.
- Snell, M., Bell, K.P., and J. Leahy. 2013. Local institutions and lake management. *Lakes & Reservoirs: Research & Management* 18(1): 35-44.
- 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.
- 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.
- 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.
- Bell, K.P. and T. Dalton. 2007. Spatial Economic Analysis in Data-Rich Environments, *Journal of Agricultural Economics* 58(3): 487-501.
- Bell, K.P. and I.Strand. 2003. Reconciling Models of Recreational Route and Site Choice, *Land Economics* 79(3): 440-454.
- 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.
- 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.
- 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.
- 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.

## **EDITED PUBLICATIONS**

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

## **SELECT EXTERNAL GRANTS**

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- PI, Big data, economics, and rural economies: facilitating innovation and economic opportunities in rural communities (\$77,492). Sponsor: USDA. Principal Investigator: K.P. Bell, University of Maine (February 2017 - July 2018).
- Co-PI, Biodiversity, ecosystem services, and the socioeconomic sustainability of rural forest-based communities (\$439,967). Sponsor: USDA. Principal Investigator: D. Munroe, The Ohio State University (April 2016-March 2019).
- Co-PI, Strengthening the scientific basis for decision-making in coastal systems: the New England Sustainability Consortium (\$3,000,000). Sponsor: National Science Foundation. Principal investigator: C. Kim, University of Maine (August 2013-July 2016).
- Co-PI, Of Pools and People: small natural features with large ecosystem functions in urbanizing landscapes (\$1,488,951). Sponsor: National Science Foundation. Principal investigator: A. Calhoun, University of Maine (August 2013-July 2017).
- Co-investigator and Leadership Team Member, Maine's Sustainability Science Initiative (\$20,000,000). Sponsor: National Science Foundation. Principal investigator: M. Eckhardt, University of Maine (July 2009 - July 2014).
- PI, Sustainable Lake Management in Maine's Changing Landscape. Sponsor: US Environmental Protection Agency (\$299,249). Principal Investigator: K. P. Bell, University of Maine (May 2007 –May 2010).

## **TEACHING & MENTORING**

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Dr. Kathleen P. Bell teaches courses in economics, econometrics (statistics) and data analysis, geographic information systems (GIS), environmental policy & natural resource management, and sustainability science at the University of Maine. She advises undergraduate and graduate students majoring in Economics and Ecology & Environmental Science. Committed to workforce development, Kathleen shares her passion for data, analytics, problem-solving, storytelling, technology, creativity, innovation, and evidence-based solutions with students and mentees.

## **NETWORKS**

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[LinkedIn \[Kathleen Bell\]](#)

[Google Scholar \[Kathleen P. Bell\]](#)

## **BIO**

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A member of the University of Maine faculty since July 2001, Kathleen P. Bell received an A.B. in Economics and Environmental Studies from Bowdoin College, a Ph.D. in Economics from University of Maryland (advised by Nancy E. Bockstael), and conducted postdoctoral research at University of Washington. Prior to becoming an academic, she worked in the private (Abt Associates, Inc.) and public (US EPA) sectors to develop solutions to environmental problems. Her research employs economics to address environmental, public health, and community economic development issues. Kathleen enjoys working with researchers from other disciplines and with colleagues from the private and public sectors. Kathleen lives in Orono and Seal Harbor, Maine, with her partner Robert. She is an avid runner, bicyclist, and reader, and a devoted New England and Black Bear sports fan.