

Kathleen P. Bell

School of Economics
Maine Agricultural and Forest Experiment Station
College of Earth, Life, and Health Sciences
University of Maine
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PROFESSIONAL EXPERIENCE

University of Maine, Orono, ME.
Associate Dean for Faculty Development, College of Earth, Life, and Health Sciences, 2023–Present.
Professor, School of Economics, 2015–Present.
Faculty, Maine Agricultural and Forest Experiment Station, 2001–Present.
Interim Director, School of Food and Agriculture, 2023–2024.
Interim Director, School of Economics, 2020–2021.
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.

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

- [54] Levesque, V. R., Bell, K. P., & Johnson, E. S. 2024. The role of municipal digital services in advancing rural resilience. *Government Information Quarterly*, 41(1): 101883. DOI: 10.1016/j.giq.2023.101883.
- [53] Walrath, M. C., Morzillo, A. T., Bell, K. P., Colocousis, C. R., Crandall, M. S., Poppick, M. I., and Munroe, D. K. 2024. Rural forested community shocks as perceived by in-migrants versus long-term residents. *Journal of Rural Studies*, 105:103188. DOI: 10.1016/j.jrurstud.2023.103188.
- [52] Kaminski, A., Bauer, D.M., Bell, K.P., Loftin, C., and E. Nelson. 2021. Using landscape metrics to characterize towns along an urban-rural gradient. *Landscape Ecol* 36, 2937–2956 (2021). DOI: 10.1007/s10980-021-01287-7.
- [51] Munroe, D.K., Crandall, M.S., Colocousis, C., Bell, K.P., and A.T. Morzillo. 2019. Reciprocal relationships between forest management and regional landscape structures: applying concepts from land system science to private forest management, *Journal of Land Use Science*, DOI: 10.1080/1747423X.2019.1607914.
- [50] Levesque, V., Calhoun, A. and K.P. Bell. 2019. Actions speak louder than words: Designing transdisciplinary approaches to enact solutions, *Journal of Environmental Studies and Sciences*, 9(2):159-169, DOI: 10.1007/s13412-018-0535-0.

Kathleen P. Bell

- [49] Balukas, J.E., Bell, K.P., and D.M. Bauer. 2019. Classifying private landowners to improve understanding of management decisions and conservation opportunities in urbanizing forested landscapes, *Journal of Environmental Management*, 232: 751-758, DOI: 10.1016/j.jenvman.2018.11.128.
- [48] Bell, K.P., Markowski-Lindsay, M., Catanzaro, P., and J.E. Leahy. 2018. Family-forest owner decisions, landscape context, and landscape change, *Landscape and Urban Planning*, 188:118-131, DOI: 10.1016/j.landurbplan.2018.08.023.
- [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*, 8(3):281-2819, 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.
- [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.
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- [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.
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Kathleen P. Bell

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- [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] 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.
- [33] 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.
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- [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. DOI: 10.3390/su5093744.
- [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, DOI: 10.1017/S1068280500007620.

Kathleen P. Bell

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- [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, DOI: 10.1016/j.landusepol.2008.12.008.
- [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): 393-410.
- [12] Bell, K.P. and T. Dalton. 2007. Spatial Economic Analysis in Data-Rich Environments, *Journal of Agricultural Economics* 58(3): 487-501, DOI: 10.1111/j.1477-9552.2007.00123.x.
- [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, DOI: 10.1017/S106828050000945X.
- [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, DOI: 10.1017/S1068280500010121.

Kathleen P. Bell

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- [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, DOI:10.1007/BF02803359.
- [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, DOI:10.1007/BF02803373.
- [6] Bell, K.P. and I.Strand. 2003. Reconciling Models of Recreational Route and Site Choice, *Land Economics*, 79(3): 440-454, DOI: 10.2307/3147028.
- [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, DOI: 10.1017/S1068280500002525.
- [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, DOI: 10.1086/mre.18.1.42629381.
- [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, DOI: 10.1111/j.1574-0862.2002.tb00118.x.
- [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, DOI: 10.1162/003465300558641.
- [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, DOI: 10.1016/0921-8009%2895%2900026-6.

JOURNAL ARTICLES (REGIONAL POLICY)

- [3] Levesque, V.R., Johnson, E.S., and K.P. Bell. 2021. Municipal Capacity to Respond to COVID-19: Implications for Improving Community Resilience in Maine. *Maine Policy Review* 30.2 (2021): 62 -71. DOI: 10.53558/frpi9064.
- [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

- [15] Evans, K.S. and K.P. Bell. 2023. The Soft-Shell Clam *Mya arenaria* in the Gulf of Maine: Challenges, Innovations, and Opportunities for Commercial Fisheries Management in V.S. Kennedy and B. Beal (eds.), *The Soft-Shell Clam Mya arenaria: Biology, Fisheries, and Mariculture*, Bethesda, ME: American Fisheries Society, pp. 473-494. DOI: 10.47886/9781934874745.ch14
- [14] 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.
- [13] 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.
- [12] 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.
- [11] 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.
- [10] 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.
- [9] 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.
- [8] 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.
- [7] 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.
- [6] 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.
- [5] 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*

Kathleen P. Bell

Biodiversity in Agricultural Landscapes: Model-based Planning Tools. W. Lafayette, IN: Purdue University Press, pp. 25-34.

- [4] 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.
- [3] 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.
- [2] 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.
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BOOK REVIEWS

- [2] 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.
- [1] 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.

ENCYCLOPEDIA ENTRIES

Boix, D., Calhoun, A.J.K., Mushet, D. M., Bell, K.P., Fitzsimons, J.A., Isselin-Nondedeu, F. (2019). Conservation of Temporary Wetlands. Reference Module in Earth Systems and Environmental Sciences (planned for publication in the Encyclopedia of the World's Biomes edited by Michael Goldstein and Dominik DellaSala), Elsevier DOI: 10.1016/B978-0-12-409548-9.12003-2.

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.

Kathleen P. Bell

Board of Directors, Northeastern Agricultural and Resource Economics Association, 2005-2008.

Professional Association Committee Memberships

Member, Executive Board Nominating Committee, Northeastern Agricultural and Resource Economics Association, 2018-2023.
Chair, Oates Dissertation Award Committee, Association of Environmental and Resource Economists, 2019-2020.
Member, Oates Dissertation Award Committee, Association of Environmental and Resource Economists, 2017-2021.
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.

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 present.
Editorial Board, *Agricultural and Resource Economics Review*, 2008-2010.

Kathleen P. Bell

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)