

Elisabeth M. Hamin Infield

Professor, Regional Planning
Department of Landscape Architecture and Regional Planning
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EDUCATION

University of Pennsylvania, Philadelphia, PA, 1991-1997.

Ph.D. in City and Regional Planning, 1997. Dissertation: *Stories of the Land: Rhetoric and Reconciliation in the Mojave National Preserve*. Dissertation Co-chairs: Ann Louise Strong and Seymour Mandelbaum, with Roger Raufer, member.

J.L. Kellogg Graduate School of Management, Northwestern University, Evanston, IL. Master of Management, with concentration in Finance, 1986.

Cleveland State University, Cleveland, OH.
Bachelor of Business Administration, 1984.

ACADEMIC POSITIONS

University of Massachusetts, Dept. of Landscape Architecture and Regional Planning Amherst, Massachusetts.

Professor of Regional Planning, 2013 - present.

Co-chair, Chancellor's Task Force on Campus Resiliency Planning, 2018-2020

Director, Graduate Certificate in Climate Change & Green Infrastructure, 2015-present

Director, Center for Resilient Metro-Regions at UMass Amherst, 2017 - present

Department Head, 2013 – 2017. Managed 21 faculty and staff, budget, student enrollment of 223 full-time equivalent, six degree programs from Associates to PhD. Position rotates among department faculty.

Graduate Program Director, UMass PhD in Regional Planning, 2002 – 2012

Associate Professor of Regional Planning, 2007 – 2012

Assistant Professor of Regional Planning, 2001 – 2007

Current courses:

Theory and Practice of Public Participation (RP 630, 3 credits)

Research Issues in Regional Planning and Landscape Archit. (RP/LA 635, 3 credits)

Planning for Climate Change (RP 585, 3 credits)

Climate Change and Resilient Cities (SustComm 297G, 3 – 4 credits)

Other courses previously or occasionally taught or co-taught include:

- Advanced Planning Theory (RP 890, 3 credits)
- Introduction to Land Use/Growth Management (RP 650, 3 credits)
- Regional Planning Studio (RP 675, 6 credits)
- Planning and Wind Energy Studio (RP 791, 3 credits, 2012 and 2014)
- PhD workshop (RP 892D, 1 credit)
- Real Estate Law and Development Finance (RP 692R, 3 credits, 2010)
- Sustainable Communities (RP 591B/EnvDes 591B, 2001-2004)

Iowa State University, Ames, Iowa.

Assistant Professor of Community and Regional Planning, 1997 – 2001.

Temporary Assistant Professor of Community and Regional Planning, 1995 - 1997.

Courses taught most years: Growth Management; Sustainable Communities (note that this was one of the first such courses in the country); Seminar in Planning Theory (graduate), plus three different 1-credit methods modules and co-teaching for three different honors seminars.

Other courses taught include: Theory of the Planning Process; Technology and the City; Community Development Planning and Programming (capstone studio), and a variety of one-credit modules.

Academic Affiliations: Associated Collegiate Schools of Planning, Global Planners Education Group, UN-Habitat Planners 4 Climate Action.

RESEARCH PUBLICATIONS

Books

Hamin Infield, EM, RL Ryan and Y Abunnasr (2019), eds. *Planning for Climate Change: A Reader in Green Infrastructure and Sustainable Design for Resilient Cities*. New York NY USA and Abingdon U.K.: Routledge Press, 392 pages.

Feiden, W. principal author with EM Hamin (2011). *Assessing Sustainability: A Guide for Local Governments*. Planners Advisory Service Report **565**. Chicago: the American Planning Association, 108 pages.

Hamin, EM, P. Geigis and L. Silka, eds. (2007). *Preserving and Enhancing Communities: A Guide for Citizens, Planners and Policymakers*. Amherst: University of Massachusetts Press, 336 pages.

Hamin, EM (2003). *Mojave Lands: Interpretive Planning and the National Preserve*. Baltimore: Johns Hopkins University Press, 253 pages.

Peer-Reviewed Journal Articles

- Aragon, C., E. Hamin Infield, J. Buxton (2019). "The Role of Landscape Installations in Climate Change Communication." *Landscape and Urban Planning* Vol. 189, September 2019, pg. 11-14.
- Farzinmoghadam, M, N. Mostafavi, E. Hamin, S. Hoque. (2019). "Developing an Automated Method for the Application of Lidar In Iumat Land-Use Model: Analysis of Land-Use Changes Using Building-Form Parameterization, GIS, and Artificial Neural Networks." *Journal of Green Building* 14:1.
- Hamin, E.M., Y. Abunnasr, M.R. Dilthey, P. K. Judge, M.A Kenney, P. Kirshen, T.C. Sheahan, D.J. Degroot, R. L. Ryan, B.G. McAdoo, L. Nurse, J. Buxton, A. Sutton-Grier, E.A. Albright, M.A. Marin, R. Fricke. (2018). "Pathways to coastal resiliency: the Adaptive Gradients Framework." *Sustainability*, 10(8), 2629; <https://doi.org/10.3390/su10082629>.
- Abunnasr, Y., Hamin, E. M., & Brabec, E. (2015). "Windows of opportunity: addressing climate uncertainty through adaptation plan implementation" *Journal of Environmental Planning and Management*, 1-21. doi: 10.1080/09640568.2013.849233
- Kenney, M., E.M. Hamin, T. Sheahan (2014). "Reconceptualizing the Role of Infrastructure in Resilience" *Eos Trans. AGU*, 95(33), 298.
- Hamin, E., N. Gurran & A.M. Emlinger (2014). "Planning Approaches For Addressing Barriers to Municipal Climate Adaptation: Examples from Coastal Massachusetts' Smaller Cities and Towns." *Journal of American Planning Association* 80:2, 110-122. DOI: [10.1080/01944363.2014.949590](https://doi.org/10.1080/01944363.2014.949590)
- Gurran, N. B. Norman and E.M. Hamin (2013), "Climate change adaptation in coastal Australia: an audit of planning practice" *Ocean and Coastal Management* 86: 100-109.
- Labich, W.G., E.M. Hamin, and S. Record (2013). "Regional Conservation Partnerships in New England" *Journal of Forestry* 111(5) : 326-334.
- Hamin, E.M. and D. Marcucci (2013). "Mainstreaming Climate in the Classroom: Teaching Climate Change Planning" *Planning Practice and Research*, 28(4) 470-488. doi: 10.1080/02697459.2012.732327.
- M. Bihari, E.M. Hamin, and R. L. Ryan (2012). "Understanding the Role of Planners in Wildfire Preparedness and Mitigation," *ISRN Forestry*, vol. 2012, Article ID 253028, 12 pages.

- Hamin, E.M. and N. Gurran (2009). "Urban Form and Climate Change: Balancing Adaptation and Mitigation in the U.S. and Australia." *Habitat International* 33(3): 238-245. 192 citations noted in Google Scholar.
- Ryan, R.L. and E.M. Hamin (2009). "Wildland – Urban Interface Communities' Response to Post-Fire Salvage Logging." *Western J. of Applied Forestry* 24(1): 36-41(6).
- Hamin, E. M. and D. J. Marcucci (2008). "Ad Hoc Rural Regionalism." *J. of Rural Studies* 24(77): 467-477.
- Ryan, R.L. and E.M. Hamin (2008). "Wildfires, communities and agencies: Stakeholders' perceptions of post-fire rehabilitation and restoration." *J. of Forestry* 106(7): 370-379.
- Hamin, E.M., M. Steere and W. Sweetser (2006). "Implementing Growth Management: the Community Preservation Act." *J. of Planning Education and Research* 25:1-13.
- Hamin, E.M. (2006) "Reading (Conservation Subdivision) Plans." *Planning Theory* 5(2): 147-172.
- Hamin, E.M. (2003). "Legislating Growth Management: Power, Politics and Planning." *J. of the American Planning Association* 69(4): 368-380.
- Hamin, E.M. (2001). "Western European Approaches to Landscape Protection: A Review of the Literature." *J. of Planning Literature* 16(3): 339-358.
- Hamin, E.M. (2001). "U.S. Partnership Parks: Collaborative Responses to Middle Landscapes." *Land Use Policy*. 18:123-135.
- Hamin, E.M., D.J. Marcucci and M. Wenning (2000). "The Experience of New Planning Faculty." *J. of Planning Education and Research* 20(1): 88-99.

Recent Non-Peer Reviewed Journals and Handbooks

- Buxton, J. and E. Hamin Infield (2019). *Sustainable Adaptive Gradients Technical Report -Version 1*. Amherst, MA: University of Massachusetts, Amherst.
- Hamin, E.M. (2018). "Greening Infrastructure". *Climate 2020*. UNA-UK (United Nations Association-United Kingdom).
<https://www.climate2020.org.uk/greening-infrastructure/> 9th Nov 2018.
- Fricke, R. and E.M. Hamin (2017). *Practical Guide to Collaborative Project Evaluation: How Resilient is Your Project?* Amherst: SAGE Research Group, University of Massachusetts. <https://www.resilient-infrastructure.org>.

Book Chapters

- Hamin Infield, E.M. Book introduction (co-written with Ryan and Abunnasr), two section and eight article summary/introductions written for E. Hamin Infield, RL Ryan and Y Abunnasr (2019), eds. *Planning for Climate Change: A Reader in Green Infrastructure and Sustainable Design for Resilient Cities*. New York NY USA and Abingdon U.K.: Routledge Press.
- Gurran, N., B. Norman and E. Hamin (2011, reprinted 2016). "Population Growth And Change In Non Metropolitan Coastal Australia" in Rocky Piro & Robin Ganser, eds. *Spatial Planning for Growth and Decline*. Surrey, U.K.: Ashgate.
- Hamin, E.M., and N. Gurran (2015). "Climbing the Adaptation Planning Ladder: Barriers and Enablers in Municipal Planning" in W. Leal Filho, ed. *Handbook of Climate Adaptation*. London: Springer, p. 839-860.
- Hamin, E.M. and N. Gurran (2012). "Space For Adapting: Integrating Adaptation and Mitigation In Local Climate Change Planning" in K. Otto-Zimmermann, ed., *Resilient Cities 2: Cities and Adaptation to Climate Change – Proceedings of the Global Forum 2011*. Springer, p. 317-324.
- Abunnasr, Y. and E.M. Hamin (2012). "The Green Infrastructure Transect: An Organizational Framework For Mainstreaming Adaptation Planning Policies" in K. Otto-Zimmermann, ed., *Resilient Cities 2: Cities and Adaptation to Climate Change Change – Proceedings of the Global Forum 2011*. Springer, p. 205-217.
- Li, Na and E.M. Hamin. (2012). "Preservation Planning." in R. Weber and R. Crane, eds. *Oxford Handbook of Urban Planning*. Oxford: Oxford University Press, p. 181-196.
- Gurran, N, E.M. Hamin, B. Norman, (2011). "Climate change mitigation, adaptation and local planning", in N. Gurran, *Australian Urban Land Use Planning; Principles, Systems And Practice*, Sydney: Sydney University Press, p. 237-249.
- Hamin, E.M. (2011). "Integrating Adaptation And Mitigation In Local Climate Change Planning" in Gregory K. Ingram and Yu-Hung Hong, eds. *The Environment, Climate Change, and Land Policies*. Cambridge, MA: Lincoln Institute of Land Policy, p. 122-143.
- Ryan, R. L. and E. M. Hamin (2006). Engaging communities in post-fire restoration: Forest treatments and community-agency relations after the Cerro Grande Fire. In S. M. McCaffrey, technical ed. *The Public and Wildland Fire Management: Science Findings For Managers From National Fire Plan*

Research. North Central Research Station, General Technical Report, NRS-1, p. 87-96. Newtown Square, PA: USDA Forest Service.

Hamin, E.M., L. Silka and P. Geigis (2007). "Introduction to Preserving and Enhancing Communities," in E. Hamin, P. Geigis and L. Silka, eds. *Preserving and Enhancing Communities: A Guide for Residents, Planners and Government Officials*. Amherst: University of Massachusetts Press, p. 1-8.

Hamin, E.M. and Jeffrey Levine (2007). "Getting Involved: Local Leaders in the Process" in E. Hamin, P. Geigis and L. Silka, eds. *Preserving and Enhancing Communities: A Guide for Residents, Planners and Government Officials*. Amherst: University of Massachusetts Press, p. 9-16.

Hamin, E.M. (2007). "Community Sustainability Indicators," in E. Hamin, P. Geigis and L. Silka, eds. *Preserving and Enhancing Communities: A Guide for Residents, Planners and Government Officials*. Amherst: University of Massachusetts Press, p. 241-246.

Geigis, P., L. Silka and E.M. Hamin (2007). "Community Preservation in Massachusetts" in E.M. Hamin, P. Geigis and L. Silka, eds. *Preserving and Enhancing Communities: A Guide for Residents, Planners and Government Officials*. Amherst: University of Massachusetts Press, p. 231-240.

Hamin, E.M. (2006). "Teaching Sustainability: The Case of the Incredible Shrinking Professor," in R. Farrant and L. Silka, eds. *Inside and Out: Universities and Education for Sustainable Development*, Amityville NY: Baywood Press.

Geigis, P., E.M. Hamin, and L. Silka (2005). "Smart Growth and Community Preservation: One Citizen at a Time" in G. Knaap and W. Wiewel, eds., *Partnerships for Smart Growth: University-Community Collaboration for Better Public Places*. Armonk, New York: M.E. Sharpe. Sponsored by the Associated Collegiate Schools of Planning (ACSP) and the U.S. Environmental Protection Agency. Chapters were competitively peer reviewed.

Hamin, E.M. and J.D. Witten (2002). "Regionalism in Massachusetts." In Senator R.T. Moore, ed. *Memos to the Governor: Management Advice from the Commonwealth's Experts in Public Administration and Policy*. Boston: American Society for Public Administration. Chapters were competitively peer reviewed.

Selected Reports and Full Conference Proceedings

- Hamin, E.M. and A. Williams-Eynon. *Municipal Vulnerability Preparedness Plan* for Ware, MA.
- Hamin, E., A. Williams-Eynon and C. Ratte (2017). "Vulnerability and Resiliency Analysis Chapter for the Springfield Climate Action & Resiliency Plan" in C. Ratte, A. Eaton, J. Dolinger and the Pioneer Valley Planning Commission, *Springfield Climate Action & Resiliency Plan*. Springfield: PVPC.
- Fricke, R. and E. Hamin (2017). *Practical Guide to Collaborative Project Evaluation – How Resilient is Your Project? Published by the SAGE Network and the Department of Landscape Architecture and Regional Planning, UMass. Available at: www.resilient-infrastructure.org.*
- Hamin, E. and T.M. Pignatelli "Hope and Fear: Narratives of Climate Adaptation Planning" in Karol, J.; Aón, L.; Martini, I.; Pistola, J.; Salas Giorgio, R. (Comp.), *Conducir las transformaciones urbanas . Un debate sobre direcciones, orientaciones, estrategias y políticas que modelan la ciudad futura*. 1ª edición - La Plata: Universidad Nacional de La Plata, 2014. E-Book ISBN 978-950-34-1133-9 - CDD 307.12, pages 1531 - 1542. For the International Urban Planning and Environment Conference, Sept 16 – 20 2014, La Plata, Argentina.
- Gurran, N., B. Norman, C. Gilbert and E.M. Hamin (2011). "Planning for climate change in coastal Australia: State of practice." Report No. 4 for the Australian Sea Change Task Force, 84 pgs.
- Gurran, N., E.M. Hamin and B. Norman (2008). "Planning for climate change: Leading Practice Principles and Models for Sea Change Communities in Coastal Australia." Australian Sea Change Task Force, 62 pgs.
- Hamin, E.M. (2007). "Do bylaws matter? Evaluating conservation subdivision design." Working paper. Cambridge, Lincoln Institute of Land Policy: 34 pgs. Available at: <http://www.lincolninst.edu/pubs>.
- Ahern, J., D. Glassberg, E. Carr and E.M. Hamin (2004). "People and Places on the Outer Cape: A Landscape Character Study." U.S. National Park Service. 167 pgs.
- Hamin, E.M. and J. Benson (2001). "Heading for the Hills: Patterns of Costs and Suburbanization in the Loess Hills Counties," Institute for Design Research and Outreach, Ames, IA. 161 pgs.

Hamin, E.M. (1999). "The National Park System and Working Lands: Uneasy Alliances, Bright Futures," included in CD-ROM *Conference Proceedings of the Keep America Growing: Balancing Working Lands and Development Conference*, Philadelphia, Pennsylvania. 9 pgs.

Hamin, E.M. (1999). "Land Trusts as an Affordable Housing Tool in Des Moines' Neighborhoods," Community Outreach Partnership Center Working Paper, Ames, IA, Summer. 19 pgs.

Other Publications and Juried Submission

Hamin, E. (2004) "Massachusetts Asks What Communities Want." *Planning* 70(1):8.

Hamin, E. (2000). "Boundaries and decision rules: Moral relevancy in environmental thought." *Colloqui: Cornell Journal of Planning and Urban Issues* XV: 62-81.

Hamin, E. (1998) "Shifting Grounds," mixed media presentation of narrative research and photography, ISU's College of Design's 20th Anniversary Faculty Exhibition.

Book Reviews

Hamin, E.M. (2013): Review of "*The City and the Coming Climate: Climate Change in the Places We Live*," *Journal of the American Planning Association*, 79:1 p. 5.

Hamin, E. Extended book review of *Worship and Wilderness: Culture, Religion and Law in the Management of Public Lands and Resources* by Lloyd Burton. *Planning Theory* November 2004; 3: 263 - 268.

Hamin, E. Review of Massachusetts Department of Environmental Management Heritage Landscape Inventory Program's *Reading the Land* "APA Award for Public Education 2003." *Planning* (April 2004), p. 9.

Hamin, E. Book review of William Mulholland and the Rise of Los Angeles by Catherine Mulholland. *Landscape and Urban Planning*, 53:1-4, 30 January 2001, p. 185-186.

Hamin, E. Extended book review of *Shaping the Sierra: Nature, Culture and Conflict in the Changing West* by Timothy P. Duane. *Landscape and Urban Planning* (2000) 49 p. 83-92.

Hamin, E. Review of *Turning Brownfields into Greenbacks* by Robert A. Simons. *Journal of the American Planning Association* (1999) 65:2, p. 236-237.

WEBSITES AND COPYRIGHTS

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PI for www.resilient-infrastructure.org sponsored by the SAGE research grant.

Contributor for <http://climateactiontool.org/> sponsored by Massachusetts Wildlife Division of Fisheries and Wildlife and the NorthEast Climate Science Center. Scott Jackson, PI. Website won the national-level **2017 Climate Adaptation Leadership Award** from the National Fish, Wildlife and Plants Climate Adaptation Strategy Working Group, a partnership of USFWS and NOAA.

INTERNATIONAL AND NATIONAL WORKSHOPS OR PLENARIES ORGANIZED/ PRESENTED/LEAD

Delegate for Associated Schools of Planning to the First Session of the UN-Habitat Assembly; Presenter on *Climate Change Research* for the Planners for Climate Action Side Event; Nairobi, Kenya, May 2019.

Organizer and meeting leader: SAGE 2018: Martin Pena Canal, San Juan, Puerto Rico. Three day team evaluation of proposed urban design responding in informal housing neighborhood, working with ENLACE.

Co-Organizer: SAGE 2018: Maryland Foreshore Design. Three day team evaluation of proposed designs for living shorelines.

Co-Organizer: ACSP PhD Workshop 2018. Two day national workshop hosted at UMass, organized with ACSP support, co-organized at UMass with H. Renski. National competition to be selected to host. \$10,000 budget.

Organizer and presenter: Local Zoning and Regulation for Land Protection session at the Regional Conservation Partnership annual Gathering, held at UMass Amherst November 2018.

Plenary Presenter: "Green Cities, Future Cities" University College of Dublin, May 2017.

Organizer and meeting leader: SAGE 2017: Sustainable Adaptive Gradients in the coastal Environment. 3-day workshop on coastal risk and infrastructure, case study: Infrastructure and Policy. Held in Barbados in conjunction with

University of the West Indies, with participants from US, Europe and the Caribbean.

Organizer and meeting leader: SAGE 2016: 2-day writing workshop with 14 participants and writing coach for new article on Adaptive Gradients. Held in Boston with SAGE international research group, June 2016.

Co-organizer and meeting co-leader. "Fundamentals of Coastal Adaptation Workshop," Baltimore, MD. Full day workshop in conjunction with Eastern Regional Climate Preparedness Conference, April 2016.

Co-Organizer: Fundamental of Coastal Adaptation Workshop, Boston, MA. Half-day workshop in conjunction with COPRI Coastal Structures and Solutions to Disasters Joint Conference, September 2015.

Organizer: Planning for Climate Change in Dangriga, Belize: Presentations of class findings to national and local Belizean government and civil society stakeholders. Belmopan and Dangriga, May 2015.

Workshop presenter: "SAGE Resilient Infrastructure and Planning for Climate Change at UMass Amherst" Presentation to German Universities partnership building trip at Baden-Wittenberg University, Germany. Sponsored by UMass IPO. 3 day workshop, December 2015.

Organizer and meeting leader: SAGE 2015: Sustainable Adaptive Gradients in the coastal Environment. 3-day workshop on coastal risk and infrastructure, case study: Infrastructure and Policy in Jamaica. Held at Marine Bay Lab, Portmore, Jamaica, with participants from US, Europe and the Caribbean.

Organizer and meeting leader: SAGE 2014: Sustainable Adaptive Gradients in the coastal Environment. 3-day workshop on coastal risk and infrastructure, case study: NYC responses to Hurricane Sandy. Held at Pratt College, with participants came from US, Europe and the Caribbean

Participant: Oldenburg University and Chameleon Research, Workshop on Barriers to Adaptation to Climate Change September 18th – 21st , 2012, Berlin. Co-chair of Empirical Working Group. Paper presentation "By Stealth or Spotlight: Matching Barriers to Adaptation Approaches." Co-chair of Working Group IV.

Participant: UN Habitat 2nd Workshop on Climate Change and Urban Planning, Bonn, Germany June 2011. By invitation.

CONFERENCE PRESENTATIONS: Peer reviewed abstracts unless otherwise noted

National & International

Hamin, E.M. "Building Infrastructure Resiliently, Sustainably, Justly: Applying the SAGE Adaptation Gradients Framework in San Juan, Puerto Rico" Buffalo, NY. Presentation to ACSP, October 2018.

Marin, Arlen Marielos, EM Hamin, G White. "Beyond Climate-Induced Migration: The interactions of social resiliency, voluntary resettlement, and climate change." Buffalo, NY. Marin presented to ACSP, October 2018.

Shoeb, Eman, H Renski and EM Hamin. "Examining the socio-economic impacts of wind power development on rural areas: A focus on empirical findings. Buffalo, NY. Shoeb presented to ACSP, October 2018.

Kenney, M., E.M. Hamin, et al. "Building Back after Disaster" workshop for Social Coast Forum, Charleston SC, February, 2018.

Hamin, E.M. "SAGE Framework for Decision-Making" presentation to Adaptation Futures Conference, Rotterdam NL, May 2016.

Hamin, E.M. "SAGE Framework for Decision-Making" Fundamentals of Coastal Adaptation Workshop, Baltimore, MD. Closing plenary at workshop in conjunction with Eastern Regional Climate Preparedness Conference, April 2016.

Hamin, E.M. "SAGE Resilient Infrastructure and Planning for Climate Change at UMass Amherst" Presentation to German Universities partnership building trip at Baden-Wittenberg University, Germany. Sponsored by UMass IPO. 3 day workshop, December 2015.

Hamin, E.M. "SAGE Framework for Decision-Making" Fundamentals of Coastal Adaptation Workshop, Boston, MA. Plenary at half-day workshop in conjunction with COPRI Coastal Structures and Solutions to Disasters Joint Conference, September 2015.

Hamin, E.M. "Sustainable Adaptive Gradients in Resilient Infrastructure: Updates" Opening Plenary for SAGE Workshop on Resilient Coastal Infrastructure, June 2015.

Hamin, E.M. "Theory Building Through Expert Elicitation: Fitness Factors for Resilient Infrastructure" presented to SAGE Workshop, June 16, 2015.

- Hamin, E.M. and T. M. Pignatelli. "Hope and Fear: Narratives of Climate Change in State-Level Adaptation Plans" International Urban Planning and Environment Conference, La Plata, Argentina, September 2014.
- Hamin, E.M. "Sustainable Adaptive Gradients in Resilient Infrastructure" Opening Plenary for SAGE Workshop on Resilient Coastal Infrastructure, May 2014.
- Hamin, E.M. and N. Gurrán "By Stealth or by Spotlight: Matching Barriers to Adaptation Approaches" Associated Collegiate Schools of Planning and Associated European Schools of Planning joint conference, Dublin, Ireland, July 2013.
- Hamin, E. M. Invited, opening plenary session chair: "Next City: Planning for a New Energy and Climate Future" 10th International Urban Planning and Environment Association Symposium. Sydney, Australia 24-27 July 2012.
- Hamin, E. M. Organized roundtable participant: *Building Sustainable Communities*. 10th International Urban Planning and Environment Association Symposium. Sydney, Australia 24-27 July 2012.
- Hamin, E. M. and Y. Abunnasr. "A Climate-Adaptive Planning Process: Collapsing Time to Manage Uncertainty." 2nd Adaptation Futures Conference. Tucson AZ 30 May 2012.
- Abunnasr, Y. and E.M. Hamin. "A Climate-Adaptive Planning Process: Collapsing Time to Manage Uncertainty." 3rd Global Forum on Urban Resilience and Adaptation. Bonn, Germany 12-15 May 2012.
- Hamin, E.M. Invited. "Teaching Climate Change" presentation to UN Habitat 2nd Workshop on Climate Change and Urban Planning, Bonn, Germany June 2011.
- Hamin, E.M., N. Gurrán and B. Norman. "Space For Adapting: Integrating Adaptation And Mitigation In Local Climate Change Planning." 2nd Global Forum on Urban Resilience and Adaptation. Bonn, Germany June, 2011. One of about 50 papers selected for inclusion from over 200 paper proposals.
- Abunnasr Y. and E.M. Hamin. "The Green Infrastructure Transect: An organizational framework for regional spatial planning policies." 2nd Global Forum on Urban Resilience and Adaptation. Bonn, Germany, June, 2011. One of about 50 papers selected for inclusion from over 200 paper proposals.
- Hamin, E. M. "Normalizing Climate Change: Bringing climate change into the comprehensive plan." Invited presentation for the Lincoln Institute of Land Policy 5th Annual Land Policy Symposium. Cambridge, MA, May 2010.

- Hamin, E. M. "Climate Change Pedagogy" presented to ACSP 2010 Annual Conference. Minneapolis, MN, October 2010.
- Hamin, E.M. and N. Gurran. "Adapting the Cities: Implications for Mitigation." One of about 200 papers selected from over 800 proposals for presentation at 2010 1st International Adaptation Futures Conference. Gold Coast, Australia.
- Gurran, N. and E.M. Hamin. "Local Actions, National Frameworks: A Comparison of Climate Plans from Two Continents" Presented by Gurran at the 9th Symposium of International Urban Planning and Environment Association. Guangzhou, China, August 2010.
- Hamin, E. M. "Urban Form for the Next Century" ACSP 2009 Annual Conference. Crystal City, Virginia, October 2009.
- Hamin, E. M. "Mitigation and Adaptation Planning" ACSP 2008 Annual Conference. Chicago, July 2008.
- Hamin, E. M. "Green Infrastructure for Climate Change" ISSRM 2008 Annual Conference. Burlington VT, June 2008.
- Hamin, Mark and E.M. Hamin. "Mentoring the Design Graduate Student." ConnectEd Conference, Sydney, Australia July 9-12, 2007.
- Hamin, E. M. "Wildfires, Communities, Agencies: Learning from Disaster." ACSP 2006 Annual Conference, Fort Worth, Texas, November 9-12, 2006.
- Hamin, E. M. Roundtable participant for "Conserving land and building communities: Evaluating conservation subdivisions and open-space communities." ACSP 2006 Annual Conference, Fort Worth, Texas, November 9-12, 2006.
- Hamin, E. M. "Building Community through Post-fire Restoration." International Symposium of Society and Resource Management, Vancouver B.C., June 3-8 2006.
- Hamin, E. M. "Do Bylaws Matter? An Evaluation of Conservation Subdivision Design." Urban Affairs Association Annual Meeting, Montreal QC, April 2006.
- Hamin, E. M. "Progressive Rural Regionalism." Associated Collegiate Schools of Planning 46th Annual Conference, Kansas City Missouri, October 27-30, 2005.
- Hamin, E. M. "Reading (Conservation Subdivision) Plans." Associated Collegiate Schools of Planning 45th Annual Conference, Portland Oregon, October 21-24 2004.

- Hamin, E. M. "What Communities Want: Results from Massachusetts' Community Preservation Act." Urban Affairs Association Annual Meeting, Washington, D.C., Winter 2004
- Hamin, E. M. "Sustainable Learning Communities: The Incredible Shrinking Professor." Seventh Annual CITA Conference on Education for Sustainable Development, UMass Lowell, October 24, 2003.
- Hamin, E. M. "Representing the Public: Qualitative Methods in the Planning Process." Associated Collegiate Schools of Planning 44th Annual Conference, Baltimore, November, 2002.
- Hamin, E. M. "Protecting Regional Last Landscapes: Grass Roots Rural Regionalism." The Human Metropolis: People and Nature in the 21st Century, organized by the Ecological Cities Project, UMass, Amherst. New York, NY, June 6, 2002.
- Hamin, E. M. "Sustainability and Protected Landscapes." Associated Collegiate Schools of Planning 43rd Annual Conference, Cleveland, Ohio, November, 2001.
- Hamin, E. M. "A Case Study in Growth Management Politics: Iowa, 1996 – 2000." 14th Conference on the Small City and Regional Community, Madison, Wisconsin, September 28-29, 2000.
- Hamin, E. M. "The National Park System and Working Lands: Uneasy Alliances, Bright Futures," Keep America Growing: Balancing Working Lands and Development Conference, Philadelphia, Pennsylvania, June 1999.
- Hamin, E. M. "The New Faculty Experience." Associated Collegiate Schools of Planning Administrators Conference, Chicago, Illinois, May 1999.
- Hamin, E. M. and D. J. Marcucci. "The New Faculty Experience." Associated Collegiate Schools of Planning 40th Annual Conference Faculty Women's Interest Group, Los Angeles, California, 1998. M. Wenning is a co-author on the research.
- Hamin, E. M. and D. J. Marcucci. "The New Faculty Experience." Associated Collegiate Schools of Planning 40th Annual Conference, Los Angeles, California, 1998.
- Hamin, E. M. "Communicative Conflict Resolution." (*in absentia/maternity*) to the Associated Collegiate Schools of Planning 39th Annual Conference, Ft. Lauderdale, Florida, 1997.
- Hamin, E. M. "Stories of the Wilderness." Associated Collegiate Schools of Planning 38th Annual Conference, Toronto, Canada, 1996.

Hamin, E. M. "Parks as LULUs: Causes and Resolution of Local Conflicts."
Associated Collegiate Schools of Planning 36th Annual Conference, Tempe,
Arizona, 1994.

Regional, Local and Campus Presentations

Hamin, E.M. "Equity in Climate Adaptation" presentation to the Climate
Change, Diversity and Disparity Research Group, UMass Amherst,
October 2018.

Hamin, E.M. "Planning for Climate Adaptation" presentation at Four at Four
panel hosted by College of Social and Behavioral Science, October 2016.

Hamin, E.M. "Stakeholder Involvement and Planning for Climate Change"
presentation to Institute for Training and Development, Latin American
Environmental Sustainability Training, Amherst MA, October, 2014, 2015,
2016.

Hamin, E.M. "Planning for Climate Change" presentation to UMass LARP Zube
lecture series, October 2015.

Hamin, E.M. "Research with Communities" presentation to 6th annual
Massachusetts Sustainable Campuses Conference, April 15, 2016.

Hamin, E.M. "Doing Public Scholarship" presentation to UMass ISSR Public
Scholars workshop, October 2015.

Hamin, E.M. "ISSR Scholars: Reflections on Grantsmanship" presentation to
ISSR Scholars program September, 2015.

Hamin, E.M. "Stakeholder Involvement and Planning for Climate Change"
presentation to Institute for Training and Development, Latin American
Environmental Sustainability Training, Amherst MA, October 13, 2014.

Hamin, E.M. Sustainable Adaptive Gradients in the coastal Environment.
Presentation to Massachusetts Climate Change/Resiliency Network held
at UMass Boston, June 27th 2014.

Hamin, E.M. Climate Change and the Museum of Science, Boston. Workshop to
help identify new approaches to museum programming. September,
2014.

Hamin, E.M. "Stakeholder Involvement and Planning for Climate Change"
presentation to Institute for Training and Development, Latin American
Environmental Sustainability Training, Amherst MA, May 5, 2014.

- Hamin, E. M. "Adapting Cities to Climate Change" presentation to UMass Amherst Department of Environmental Conservation Spring 2011 Speaker Series.
- Hamin, E.M. "'Integrating Adaptation and Mitigation in Local Climate Change Planning.'" Presentation to the New England Climate Change Faculty Colloquium, UMass Amherst, October 2010.
- Hamin, E. M. "Infrastructure for Climate Change" presentation to Boston Society of Civil Engineers' Bertram Berger Seminar on Climate Change & Transportation, Boston, 2009.
- Hamin, E. M. "Green Infrastructure Planning" with Adam Ploetz to Massachusetts Conservation Commissioners Conference, February, 2009.
- Hamin, E. M. "Adaptation and Mitigation: Conflicts and Confluence in Australia and the United States" guest lecture to Harvard Urban Planning class, A. Carbonnel, lead instructor, October 2008.
- Hamin, E. M. "Planning for Climate Change through Landscape Urbanism" plenary presentation to the P-3 Symposium (with Harvard, Tufts, MIT) hosted by UMass Amherst, October 2008.
- Hamin, E. M. "Conservation Subdivision Issues" with Derek Farias to Citizen Planner Training Collaborative Annual Conference March 18, 2006, Worcester, Mass.
- Hamin, E. M. "Can Cities be Sustainable?" Guest lecture to John Gerber's Sustainable Living class PLNTOIL 290S, spring 2006.
- Hamin, E. M. "Developing a Mentoring Culture for Graduate Students in Planning" presentation to the Third Annual Graduate Student Mentoring Symposium, UMass Amherst, April 29, 2005.
- Hamin, E. M. "Can Cities be Sustainable?" Guest lecture to John Gerber's Sustainable Living class PLNTOIL 290S, spring 2005.
- Hamin, E. M. "Can Cities be Sustainable?" Guest lecture to John Gerber's Sustainable Living class PLNTOIL 290S, spring 2004.
- Hamin, E. M. "National Parks and the University of Massachusetts: New Trends in an Old Partnership" presentation to the Department of Landscape Architecture and Regional Planning's Centennial Weekend, October 10, 2003.

- Hamin, E. M. "Tools and Techniques for Creating Walkable, Bicycle Friendly Communities: Transect Planning." Citizen Planner Training Collaborative winter conference, Worcester, MA, March 22, 2003.
- Hamin, E. M. "Sustainability as Equity" ISHA (Interdisciplinary Studies in Humanities and the Arts) Seminar on Stewardship and Sustainability, UMass Amherst, November, 2002.
- Hamin, E. M. "Community Planning" UMass Extension high school student Enviro-thon, March, 2002.
- Hamin, E. M. "Protected Working Landscapes." UMass Amherst Center for Public Policy and Administration, November, 2001.
- Hamin, E. M. "Educating the public and building support" workshop on Sustainable Development and Environmental Education, Ames, Iowa, 1998.
- Hamin, E. M. "Iowa Legislature's Commission on Urban Planning, Growth Management of Cities, and Protection of Farmland" workshop for the Iowa Chapters' combined APA/AIA/ASLA Spring Meeting, Des Moines, IA, April, 1998.
- Hamin, E. M. "Interpretive Planning," presentation to University of Iowa's Project on the Rhetoric of Inquiry, Iowa City, IA, 1997.
- Hamin, E. M. "Costs of Growth in the Loess Hills." Key-note speaker at Loess Hills Land Use Forum, Pisgah, IA, 2000.
- Hamin, E. M. "National Park Models for the Loess Hills," Key-note speaker at Loess Hills Hospitality Forum, Pisgah, IA, 1999.
- Hamin, E. M. "National Park Models for the Loess Hills," Key-note speaker at Loess Hills Land Use Forum, Pisgah, IA, 1998.
- Hamin, E. M. "Progress in Iowa -- the Legislature's Commission on Growth Management and Protection of Farmland," to meeting of the Environmental Advocates public interest group, Iowa City, Iowa, 1998.
- Hamin, E. M. Round-table discussant for the Iowa Transportation Commission, Cedar Rapids, IA, 1999.
- Hamin, E. M. "Land use and transportation—goals and connections" presentation to the Bi-State (Iowa/Illinois) Regional Commission on Transportation, Cedar Rapids, IA, 1999.

GRANTS & CONTRACTS since 2001; Hamin PI unless otherwise noted

External, Received

- 2014 - 18 **National Science Foundation** Research Collaboration Network grant (ICER-1338767), **\$736,707**
“Sustainable Adaptive Gradients in the Coastal Environment (SAGE)”
EM Hamin, PI with D. DeGroot, T. Sheahan, and M. Kenney, co-PIs or subcontractors.
- 2014-18 **USDA HATCH MAS00458**, “Overcoming Barriers to Climate Adaptation Planning” EM Hamin, PI, about \$45,000 over the three years.
- 2018 **Town of Ware**, Massachusetts, \$14,000. Municipal Vulnerability Plan.
- 2018 **Associate Collegiate Schools of Planning**, \$7,500, to host ACSP PhD Workshop, August. Co-written with Henry Renski.
- 2017 **Pioneer Valley Planning Commission**, subcontract for Vulnerability Assessment for the Springfield Climate Action and Resilience Plan funded through CRM. \$9775.
- 2016 **State of Massachusetts**, subcontract with Massachusetts Climate Adaptation Partnership. \$38,264. Lead student team in developing municipal outreach section of the Massachusetts Wildlife Climate Action Tool, <http://climateactiontool.org/>. Scott Jackson, Principal Investigator and primary website author.
- 2015 – 16 **UMass President’s Science and Technology Initiative** Sustainable Seafood Collaboratory: A Proposal For The Science And Technology Initiatives Fund. M. Shiaris and R. Hannigan, PIs, EM Hamin & others, co-PIs. \$150,000.
- 2015-16 **Department of Energy** Collegiate Wind Energy Competition 2016. Lackner and Cowden, PIs, EM Hamin and E Baker, co-PIs. About \$3,000.
- 2015 **Lincoln Institute of Land Policy**, “Assessing Alternative Resiliency Strategies in Under-resourced Coastal Communities in Belize

Impacted by Climate Change and Vulnerable to Environmental Risk.”
James Kostaris of IU2D Lead Researcher; Hamin and 3 others are
Research Collaborators. \$30,000.

- 2012 **Town of Marshfield**, Massachusetts, \$12,960
- 2012 **Town of Ware**, Massachusetts, \$5,000 with Bob Mitchell
“Preliminary Master Plan” RP Studio Project
- 2011-2016 **National Science Foundation** IGERT program, \$3,200,000
Erin Baker, PI, E.M. Hamin lead co-PI for Social/Policy Thrust
“Offshore Wind Energy Engineering, Environmental Science, and
Policy”
- 2011-2012 **United Nations—Habitat Program**, \$17,490
E.M. Hamin (PI), Hartmut Fünfgeld and Willemien Faling
“Strengthening Urban Climate Change Education – Module
Development for Cities and Climate Change Academy”
- 2011 **Pioneer Valley Planning Commission**, \$6,000
“Defining Environmental Justice in the Pioneer Valley” RP Studio
Project
- 2010 **Massachusetts American Planning Association Chapter**, \$3,000
“Community needs for information in planning for climate
adaptation”
- 2010 **Lincoln Institute of Land Policy**, \$3,000
Participant in Fifth Annual Land Policy Symposium, Cambridge,
Mass
- 2009 **Ludlow, MA and Pioneer Valley Planning Commission**, \$14,000
“Master Plan and Scenarios for Ludlow’s Future” RP Studio Project
- 2007 **University of Sydney Visiting Research Fellowship**, \$AUS 20,500
“Rural Regionalism in Australia’s Sea Change”
- 2007 **Arc of Innovation/I-495 West Partnership**, \$12,000
With Dean Cardasis, Co-PI
“Density through Design” RP Studio Project.

- 2006 **Lincoln Institute of Land Policy**, about \$10,000
“Conservation Subdivision Design Panel at 2006 ACSP”
- 2006 **Lincoln Institute of Land Policy**, \$30,000
“Evaluating Conservation Subdivision Design”
- 2005-2009 **U.S. Forest Service**, \$145,000
Co-PI with PI Robert Ryan
“Understanding the Extent of Preparedness after Participation in National Fire Grant Programs”
- 2004–2006 **U.S. Forest Service**, \$60,000
Co-PI with PI Robert Ryan
“Restoration Efforts in the Aftermath of Wildland Fire”
- 2004-2007 **U.S. Dept. of Housing and Urban Development
Community Outreach Partnership Centers**, \$109,000
Co-PI with PI Robert Schrader and others from 5-college consortium
“Community Outreach to Holyoke, Massachusetts”
- 2004-2005 **U.S. Dept. of Housing and Urban Development
Doctoral Student Research**, \$25,000
Dissertation funding for Mark Tigan
- 2004 **City of Holyoke, Massachusetts**, \$5,000
“Smart Growth in Holyoke” Regional Planning Studio I
- 2003-2004 **City of Milford, Massachusetts**, \$100,000
Co-PI with PI Mark Lindhult and others
Comprehensive Plan, including funding for studio
- 2003-2004 **U.S. National Park Service**, \$65,480
Research Associate with PI Jack Ahern and others
“Character and Culture of Cape Cod”
- 2002-2004 **State of Massachusetts Executive Office of Environmental Affairs**,
\$25,000
Managing Editor for Preserving and Enhancing Communities: A
Guide for Residents, Planners and Government Officials

2002 **State of Massachusetts Executive Office of Environmental Affairs,**
\$3,000
Lead Instructor for Community Preservation Institute held at
University of Massachusetts, Amherst

Major External Funding Applied For, Not Awarded

- 2016 **National Science Foundation,** IMEE Program, “Equity and Green
Infrastructure: Field Experiments in Community Resiliency
Preferences.” Angela deOlivera, PI, E Hamin and P Kirshen, co-PIs.
\$428,164.
- 2016 **National Oceanic and Atmospheric Administration (NOAA)**
Regional Coastal Resiliency program, “Coastal Resiliency in Legacy
Cities: Choices and Socio-economic Consequences in the Northeast
Region” \$908,041, with Paul Kirshner, Dan Lass, Angela deOlivera co-
PIs.
- 2014 **National Science Foundation** Global Change Program. \$12,000,000.
Brenda Philips, PI with E. Hamin and three others, co-PIs.
“ReNEWSI: Research Networks for Extreme Weather & Smart
Infrastructure.”
- 2014 **National Science Foundation** SEES Coastal. \$1,362,968. Timothy
Randhir PI with E. Hamin and three others, co-PIs. “Enhancing
coastal sustainability through green infrastructure and BMPs in
watershed systems”
- 2012 **National Science Foundation** Belmont Forum-G8 Research Councils
Initiative, \$ 1,790,788 “Sustainable Adaptive Gradients in the Coastal
Environment (SAGE)”
Submitted December 2012.
- 2011 **National Science Foundation** RCN, \$740,996
“Sustainable Adaptive Gradients in the Coastal Environment (SAGE)”
- 2011 **U.S. Department of Housing and Urban Development,** \$364,914
“Climate Adaptation in Urban Neighborhoods”

- 2009 **National Science Foundation** PIRE program: \$5,867,266
"International Partnership for the Study of Offshore Geohazards and Coastal Risk Assessment"
DeGroot, Don (PI) and E. Hamin (co-PI).
Accepted into final round review spring 2009, not awarded.
- 2006 **U.S. Department of Agriculture**, \$445,544
"The New Rural Regionalism: Case Studies in Rural Development"
- 2005 **J.K. Kellogg Foundation**, \$1,924,588
"Western Massachusetts Rural Entrepreneurship Alliance"

Recent Internal Grants

- 2018 UMass Graduate School and the College of Social and Behavioral Sciences, Matching grant for LARP to host ACSP PhD workshop. \$7,500.
- 2017-18 UMass Student-Centered Teaching & Learning Fellowship, \$1,000, pedagogic development year-long fellowship.
- 2014 UMass International Program Office, \$4,900, International Scholars program, funding to plan and prepare Field Study in Belize course.

AWARDS AND HONORS

- 2017-18 Fellow of the Student-Centered Teaching and Learning with UMass Teaching and Faculty Excellence Center.
- 2016 National Science Foundation Panel Reviewer.
- 2015 Presentation to ISSR Scholars program
- 2012 UMass SADRI Social Science Research Scholar, competitive award for teaching reduction to allow development of grants.
- 2010-2011 School of Geography, Planning and Environmental Management, University of Queensland Visiting Research Fellow, Brisbane, Australia (awarded; declined for family reasons).

- 2009-2010 College of Natural Resources nominee for Samuel F. Conti Faculty Fellowship award, recognizing the outstanding research faculty across the UMass Amherst campus.
- 2007 International Visiting Research Fellowship, University of Sydney, Australia (July through November).
- 2006 Participant in Lincoln Institute of Land Policy Training Seminar: "Fiscal Dimensions of Planning." 24-28 July, 2006, Cambridge, MA. Competitive selection process, fully funded program.
- 2006 Outstanding Planning Student Project Award from Massachusetts Chapter of the American Planning Association for 2005 studio project *Holyoke Canalwalk*.
- 2005 EDRA/Places Award for Research: *People and Places on the Outer Cape: A Landscape Character Study*, by J. Ahern, E. Carr, E.M. Hamin, and D. Glassberg.
- 2004 Outstanding Planning Student Project Award from Massachusetts Chapter of the American Planning Association, for 2003 studio project *Holyoke! Planning the 21st Century Milltown*.

TEACHING RELATED ACTIVITIES

Teaching Activities and Advisee Honors

- 2018 Co-organized and facilitated student group for 2-day ACSP PhD Workshop, held at UMass Amherst.
- 2015-18 Organized PhD lunch series, Lunch-N-Lab, meeting monthly for all PhDs and Masters students working on Climate Change.
- 2017 Doctoral Opponent, Aalto University School of Engineering, Finland
- 2017 Supervised undergraduate research assistant to work on HATCH MAS00458, awarded additional funding.
- 2016 Awarded funding for and supervised undergraduate summer scholar to work on implementing findings from HATCH MAS00458, Climate Change Planning Method For Cities And Towns.

- 2016 Instructor for session on Public Participation and Climate Change for International Development Training, educational non-profit located in Hadley with participants from over 15 Latin/Central American countries.
- 2015 Instructor for 8-student field study course in Belize, preparing Climate Adaptation plan for Dangriga, Belize.
- 2015 Advisee Brad Downey chosen for LeBovidge Undergraduate Research Scholarship working with me for Fall, 2015.
- 2015 Instructor for session on Public Participation and Climate Change for International Development Training, educational non-profit located in Hadley with participants from over 15 Latin/Central American countries.
- 2014 Instructor for session on Public Participation and Climate Change for International Development Training, educational non-profit located in Hadley with participants from over 15 Latin/Central American countries.
- 2012 Invited faculty critic, Urban Planning and Environment 10th Annual Conference, *PhD Colloquium*, Sydney Australia, July 24.
- 2006 Participant in Lincoln Institute of Land Policy Training Seminar: "Fiscal Dimensions of Planning." July 24-28, 2006, Cambridge, MA. Competitive selection process, fully funded program.
- 2005 Advisee Daniel Berrien (MRP 2006) won the Urban Land Institute Kenneth Good Graduate Student Fellowship, with scholarship of \$5,000.
- 2005 Advisee Elizabeth Cahn (RP PhD) won a Continuing Student Graduate School Fellowship award, for \$8,000 plus tuition and waiver of some fees.
- 2004 Advisee Elizabeth Cahn (RP PhD) won an Incoming Student Graduate School Fellowship award, for \$10,000 plus tuition and waiver of some fees.

- 2003 Advisee Margaret Ounsworth (MRP 2003) won the 2003 American Planning Association's National Student Planner of the Year Award.
- 2003 Advisee Joshua B. Mack (MRP 2003) won American Planning Association Transportation Division's Outstanding Student Paper for "Reframing The Spatial Mismatch Debate: A Sustainability Perspective."
- 2002 Lead Instructor, Community Preservation Institute, Amherst, Mass. Citizen-training program sponsored by the Massachusetts Executive Office of Environmental Affairs.
- 2002 Participant in UMass' Interdisciplinary Studies in Humanities and the Arts (ISHA) Seminar on Stewardship and Sustainability, Fall Semester. Participant selection was through application essay. Seminar met once per month for approximately three hours, throughout the semester.

Service Learning/Studio Reports

- 2015 Planning for Climate Change in Dangriga, Belize
- 2011 Environmental Justice and Climate Planning in the Pioneer Valley
- 2009 Community Conditions and Future Scenarios for Ludlow, Massachusetts
- 2008 Green Infrastructure Toolkit for the I-495/MetroWest Corridor
- 2008 Land Use Implications of Climate Change and Energy Transition for the Growth of the I-495/MetroWest Corridor
- 2008 Research Gathered for the Berkshire Resource Conservation and Development Area, Inc., Five Year Strategic Plan
- 2007 Density Through Design
- 2006 Industrial Park Siting Study, Franklin County
- 2006 Open Space Residential Development for the 5-Town Region
- 2006 Canalwalk Land Use Integration (Holyoke, MA)
- 2006 Canalwalk Branding Project (Holyoke, MA)
- 2004 Holyoke: Pioneer of the Valley: Planning for the 21st Century Milltown
- 2004 Smart Growth Tools for Older Industrial Cities

2003 Trends, Conditions and Futures for Milford, Massachusetts

EXTERNAL SERVICE

2018-2019 Member, J. of the American Planning Association Book Review Editor Selection Committee.

2013 - present Board of Editors member, J. of Architectural and Planning Research

2010 - present Board member, J. of the American Planning Association, Editorial Advisory Board.

2012 - present Board member, International Urban Planning and Environment Association.

2012 - present Mentor for Association of Collegiate Schools of Planning Junior Faculty

2019 – present Chair of Global Planning Educators Interest Group of ACSP's Student Travel Award Committee

2018 With Henry Renski, developed competitive proposal, was selected to bring, and then organized and co-hosted the ACSP PhD Workshop at UMass Amherst.

2018 Selected and trained for Planning Accreditation Board Site Visitor

2017 – 2018 Working group member, State of Massachusetts Climate Strategy to Accomplish Executive Order 569, Vulnerability Assessment Working Group.

2011–2013 American Colleges and Universities Presidents' Climate Commitment (ACUPCC) Higher Education Climate Adaptation Committee member. Supported development of ACUPCC's report Higher Education's Role in Adapting to a Changing Climate (2012).

2011-2013 Advisory Council Member, Building Community Resiliency Project for National Association of Regional Councils (NARC) and National Atmospheric and Oceanographic Administration Climate Program Office. Supported development of NARC'S report Regions Planning for Climate Adaptation.

2008-2012 Conservation Commissioner, Town of Amherst

- 2009-2010 Chair, Puffers Pond 2050 Planning Subcommittee, Town of Amherst
- 2004–2009 Committee Member for ACSP’s Edward McClure Award, awarded to the Best Master’s Student Paper.
- 2002–2008 Committee Member for ACSP’s Junior Faculty Mentoring Committee.
- 2006 Committee member, Land Use Work Group, Planning Amherst Together, Amherst Massachusetts’ comprehensive plan.
- 2000 Member of National Park Service Steering Committee on Preservation Options for the Loess Hills Landform.
- 1996–1998 Commissioner on Iowa State Legislature’s Commission on Urban Planning, Growth Management of Cities, and Protection of Farmland.

Manuscripts, Grants and Tenure Cases Refereed

- 2019 Book proposal & draft review for Lincoln Institute of Land Policy Press
- 2019 Journal articles for Journal of the American Planning Association
- 2018 Journal article for *Land Use Policy*
- 2018 Journal article for *Environmental Science*
- 2018 Tenure and promotion review for US Research I University
- 2017 Journal article for *Journal of Planning Research and Education*
- 2017 Journal articles for *Land Use Policy*
- 2016 Journal article for *Land Use Policy*
- 2017 Journal article for *Journal of Planning Research and Education*
- 2016 Abstract reviews (5) for Urban Planning and Environment Conference
- 2015 Tenure and promotion review, Midwestern US Research I University
- 2015 Tenure and promotion review, international university of Science and Technology
- 2015 Journal articles (2) for *Journal of Planning Education and Research*
- 2015 Journal articles (3) for *Journal of Planning Literature*
- 2015 Journal article for *Global Environmental Change*
- 2015 Journal articles (3) for *Journal of the American Planning Association*
- 2014 Journal article for *Journal of Planning Education and Research*
- 2014 Journal articles (2) for *Journal of Planning Literature*
- 2014 Journal article for *Global Environmental Change*
- 2014 Journal articles (2) for *Journal of the American Planning Association*
- 2013 Journal article for *Journal of Planning Education and Research*

- 2013 Journal article for *Journal of Planning Literature*
2013 Journal article for *Global Environmental Change*
2012 Journal article for *Journal of Rural Studies*
2012 Journal article for *Journal of Planning Education and Research*
2012 Journal article for *Journal of Planning Literature*
2011 External Peer Reviewer, Florida Sea Grant College Program, Univ. of Florida.
2011 Journal article for *Nature: Climate Change*
2011 Journal article for *Journal of Rural Studies*
2011 Journal article for *Journal of the American Planning Association*
2010 Journal article for *Journal of Planning Literature*
2010 Journal article for *Journal of Planning Education and Research*
2010 Journal article for *Journal of Environmental Planning and Management*
2010 Promotion and tenure review, leading Massachusetts university
2009 Journal article for *Journal of Environmental Planning and Management*
2009 CAREER proposal for National Science Foundation
2008 Journal article for *Journal of Planning Education and Research*
2008 Journal article for *Journal of Landscape and Urban Planning*
2008 Journal article for *Journal of Environmental Planning and Management*
2007 Promotion or tenure review for faculty member at Cornell University
2007 Journal article for *Journal of Planning Education and Research*
2007 Journal article for *Landscape Journal*
2007 Journal article for *Journal of Planning Literature*
2006 Journal article for *Regional Studies*
2006 Journal article for *Urban Affairs*
2006 Journal article for *Journal of Policy Analysis and Management*
2006 Journal article for *Land Use Policy*
2004 Journal article for *Journal of Planning Education and Research*
2003 Journal article for *Pacific Historical Review*
2003 Journal article for *Journal of the American Planning Association*
2003 Journal article for *Journal of Planning Literature*
2002 Grant reviewed for Rhode Island Agricultural Experiment Station
1998 Journal article for *Journal of Planning Literature*
1998 Book for Sage Publications
1998 Book for Lincoln Land Institute
1996 Book for Harcourt Brace Jovanovich Publishers

INTERNAL SERVICE ACTIVITIES

- 2018-present Co-Chair, Chancellor's Task Force on Campus Resiliency Planning

- 2017- present Member, Chancellor's Committee on Sustainability
- 2016- 2019 Steering Committee member, School of Earth and Sustainability
- 2018-2019 Chair, Department Personnel Committee; tenure, promotion, merit reviews.
- 2018-2019 Search committee member, LARP, tenure track faculty hire.
- 2018 Organized facilitated session of Visioning Campus Resiliency for the Massachusetts Climate Leadership Summit, April 18, 2018.
- 2014-2017 Department Chair, LARP. Oversaw department move to new building. Developed new undergraduate degree (Sustainable Community Development), and approved through Faculty Senate. Updated 2 curricula. Increased donor contributions and alumni activities.
- 2014- 2015 Member and Subcommittee Chair, Experiential Learning and Outreach, Provost's Advisory Committee to create a new School of Public Policy
- 2014-2015 Member, Search committee for Sociology Chair
- 2013-2014 Promoting the Social Sciences Task Force member
- 2013-2014 SBS College Budget Committee member
- 2002-2012 Graduate Program Director, Ph.D. in Regional Planning, LARP. Accomplishments include: Revising curriculum, instituting monthly workshop for all in-residence doctoral students, increasing applicant pool and incoming students, initiating new mentoring program, securing university funding for students.
- 2011-2013 Executive Committee (College Personnel Committee) of the College of Social and Behavioral Sciences. Chair, 2012-2013, member 2011-2012.
- 2012-2013 Member, Graduate Housing Task Force. UMass Graduate Dean's committee with goal of planning for needed new graduate housing.
- 2010-2012 Faculty Senate member
- 2012 Faculty search committee member, Joint LARP/Architecture position
- 2009-2010 Department Personnel Committee member, LARP

2011	Faculty search committee member, Environmental Policy position in Environment and Conservation department
2010-2011	Curriculum revision coordinator – Guided overhaul of MRP course designations and curriculum revision through UMass Faculty Senate
2010	College of Social and Behavioral Sciences Council on Innovation member
2009-2010	Faculty Search Committee member, Department of Environmental Conservation
2008-2009	Department Personnel Committee chair, LARP
2005-2006	Department Head Search Committee Member, LARP
2004-2005	Faculty Search Committee Member, LARP
2004	Chairperson, Extension Land Use Educator Search Committee
2003-2004	Faculty Search Committee Member, LARP
2001-2002	MSP Union Representative, LARP
2001-2002	Department Personnel Committee, LARP

SIGNIFICANT PROFESSIONAL EXPERIENCE

RCG/Hagler Bailly, Inc., Philadelphia, PA.

Consulting Associate (half-time), 1994 - 1995.

Evaluated community-based energy conservation programs for large utilities. Researched community volunteer programs for siting a low-level hazardous waste facility for a state agency.

Homart Development Co., Chicago, IL.

Real Estate Finance Manager, 1988 - 1991.

Financial manager for office building and regional shopping center development portfolio valued in excess of \$250 million, with projects in all stages of development. Created and tracked budgets, met with planning officials, prepared tax increment financing proposals, liaison with joint venture partners.

Kenneth Leventhal & Co., Chicago, IL.

Consultant, 1986 - 1988.

Prepared valuation and market studies for existing and proposed real estate projects. Project types included apartment buildings, resort and hotel facilities, and care facilities for the elderly.