

ANURADHA MUKHERJI

Associate Professor of Community and Regional Planning

CONTACT INFORMATION

East Carolina University
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EDUCATION

- Ph.D.** Architecture, University of California at Berkeley, 2008
Dissertation: *Negotiating Housing Recovery: Why some communities recovered while others struggled to rebuild in post-earthquake urban Kutch, India.*
Mary C. Comerio, Committee Chair
- M.S.** Architecture; Certificate in Historic Preservation
Texas A&M University at College Station, 2001
- Diploma** Architecture, Center for Environmental Planning and Technology University, Ahmedabad, India, 1998

PROFESSIONAL APPOINTMENTS

Current Appointments

Associate Professor of Community and Regional Planning, 2017 – present
Department of Geography, Planning, & Environment, East Carolina University

Past Appointments

Visiting Associate Professor, January 2019 – May 2019
Disaster Prevention Research Institute (DPRI), Kyoto University, Japan

Assistant Professor of Community and Regional Planning, 2010 – 2017
Department of Geography, Planning, & Environment, East Carolina University

Abe Fellow & Visiting Scholar, May 2017 – August 2017
International Research Institute of Disaster Science (IRIDeS), Tohoku University, Japan

Abe Fellow & Visiting Research Associate, May 2015 – June 2015
Disaster Prevention Research Institute (DPRI), Kyoto University, Japan

JSPS Fellow & Visiting Research Associate, May 2012 – August 2012
Disaster Prevention Research Institute (DPRI), Kyoto University, Japan

Visiting Professor, 2009-2010
Metropolitan College – City Planning and Urban Affairs, Boston University

PUBLICATIONS

Peer Reviewed Articles

Mukherji, A., Ganapati, N.E., Manandhar, B. (2020). Panacea or problem: New governance structures for disaster recovery. *International Journal of Disaster Risk Reduction*, 52. DOI: <https://doi.org/10.1016/j.ijdrr.2020.101960>

Mukherji, A. (2019). Funding flows: Transboundary considerations of disaster recovery. In *Oxford Research Encyclopedia of Natural Hazard Science*. Oxford University Press, Oxford, UK. DOI: 10.1093/acrefore/9780199389407.013.223

Mukherji, A. (2018). Resilience at the margins: Informal housing recovery in Bachhau, India after the 2001 Gujarat quake. *International Journal of Housing Policy*, 18(2): 266-289. DOI: 10.1080/14616718.2016.1219648

Reprinted in: *Housing Policy Innovation in the Global South*, P. Monkkonen (Ed.) (2019). New York: Routledge

Mukherji, A. (2017). Post-disaster housing recovery. In *Oxford Research Encyclopedia of Natural Hazard Science*. Oxford University Press, Oxford, UK. DOI: 10.1093/acrefore/9780199389407.013.82

Mukherji, A. (2015). From tenants to owners: Housing renters after disaster in Bhuj, India. *Housing Studies*, 30(7): 1135-1157. DOI: 10.1080/02673037.2015.1008423

Mukherji, A. (2015). Land readjustment during post-disaster urban reconstruction. *Journal of the American Planning Association*, Special Issue, 80(4): 438-439. DOI: 10.1080/01944363.2014.989058

Mukherji, A., Ganapati, N.E., Rahill, G.J. (2014). Expecting the unexpected: Field research in post-disaster settings. *Natural Hazards*, 73(2): 805-828. DOI: 10.1007/s11069-014-1105-8

Mukherji, A. (2014). Post-disaster housing recovery: The promise and peril of social capital. *Journal of Civil Society*, 10(2): 119-143. DOI: 10.1080/17448689.2014.885787

Rahill, G.J., Ganapati, N.E., Clérismé, J.C., Mukherji, A. (2014). Shelter recovery in urban Haiti after the earthquake: The dual role of social capital. *Disasters*, 38(S1): S73-S93. DOI: 10.1111/disa.12051

Ganapati, N.E., Mukherji, A. (2014). Out of sync: Shared lessons from India and Turkey on World Bank funding and post-disaster planning for housing recovery. *Natural Hazards Review*, 15(1): 58-73. DOI: 10.1061/(ASCE)NH.1527-6996.0000120

Reprinted in: *Urban Planning after Disasters*, R.B. Olshansky (Ed.) (2017). Volume 4, Housing and Economy Recovery, Part 1: Housing Reconstruction Policies. New York: Routledge

Mukherji, A. (2010). Post-earthquake housing recovery in Bachhau, India: The homeowner, the renter, and the squatter. *Earthquake Spectra*, 26(4): 1085-1100. DOI: 10.1193/1.3474646

Geva, A. & Mukherji, A. (2007). A study of light/darkness in sacred settings: Digital simulations. *International Journal of Architectural Computing*, 5(3): 507-521

Book Chapters

Ganapati, N.E. & Mukherji, A. (2019). 'House Keeping': Managing post-disaster housing recovery long term. In Frances L. Edwards (Ed.). *Housing Recovery After Disasters*. Lanham, Maryland: Lexington Books.

Technical Reports

Crawford, T., Salahuddin, A., Curtis, S., Ahmed, A., Allen, T., Bradley, D., Miah, G., Mishra, A., Mukherji, A., Premalal, K. (2013). Human responses to catastrophic monsoon events in South Asia: Designing a spatially explicit model in low-lying coastal areas. *APN Science Bulletin*, Issue 3, March 2013, p.125

Ganapati, N. E. and A. Mukherji. (2009). World Bank and Post-Disaster Recovery Planning in Turkey and India: Need for Flexible Policies. Submitted to the U.S. Department of Housing and Urban Development

Other Publications

Mukherji, A. (2011). Policy for urban housing recovery: Addressing the needs of renters and squatters. In: *Managing Urban Disaster Recovery: Policy, Planning, Concepts, and Cases*, Blakely, E.J. et al. (Eds.), Berkshire, UK: Crises Response Publications

Works in Progress

Book Manuscript: Mukherji, A. *Shifts Beneath: Land use reorganization after 3.11 in Japan*.

Article: Mukherji, A. *Building local resilience: Hazard mitigation plan implementation in coastal North Carolina*.

GRANTS AND FELLOWSHIPS

- 2019 - 21 Curtis, S. (PI), Kruse, J. (co-PI), **Mukherji, A. (co-PI)**, Ghosh, A. (co-PI)
 Funded By: National Oceanic and Atmospheric Administration (NOAA) Grant,
 \$299,563
 Project Title: *Preparing for, responding to, and mitigating compound coastal
 water hazards for resilient rural communities.*
- 2014 – 17 **Mukherji, A. (PI)**, Abe Fellowship (through Social Science Research Council, SSRC)
 Awarded By: The Japan Foundation Center for Global Partnership, \$59,903
 Project Title: *Planning Urban Recovery and Resilience: Comparing Land Use
 Policy and Adaptation Initiatives after Catastrophic Events*
- 2012 **Mukherji, A. (PI)** Japan Society for the Promotion of Science (JSPS) Fellowship
 Awarded By: The Japan Foundation Center for Global Partnership, \$16,000
 Project Title: *Negotiating Adaptation and Recovery Through Land Use Change
 in Tohoku, Japan*
- 2012 Crawford, T. (PI), Ahmed, A., Allen, T., Bradley, D., Curtis, S., Miah, G., Mishra, A.,
Mukherji, A. (co-PI), Premalal, K., Salahuddin, A.
 Funded By: Asia Pacific Network (APN) Seed Grant, \$15,000
 Project Title: *Human Response to Catastrophic Monsoon Events in South Asia:
 Spatially Explicit Modeling in Low-Lying Coastal Bangladesh and India*
- 2010 – 11 Ganapati, E.(PI), Rahill, G. (co-PI), **Mukherji, A. (Project Expert)**, Clerisme, C.
 Funded By: The National Science Foundation (NSF) Rapid Grant, \$45,441
 Project Title: *Re-housing Urban Haiti After the Earthquake: The Role of Social
 Capital*
- 2010 – 11 **Mukherji, A.** American Fellowships – Summer Research Publication Grant
 Funded By: The American Association of University Women (AAUW), \$6,000
- 2006 – 07 **Mukherji, A.** Periship Fellowship, \$9700
 Funded by: Awarded by the Natural Hazards Center at the University of
 Colorado at Boulder with funding from Public Entity Risk Institute
 (PERI), National Science Foundation, and Swiss Re
 Project Title: *Negotiating Housing Recovery in Post-Earthquake Urban Kutch,
 India*
- 2004 – 05 Dean’s Normative Fellowship, University of California at Berkeley
- 2004 Academic Progress Fellowship, University of California at Berkeley
- 2001 – 02 Spiro Kostof Fellowship, University of California at Berkeley
- 2001 Taraknath Das Foundation Grant, \$3,500

Funded by: Southern Asian Institute, Columbia University

AWARDS AND HONORS

- 2021 ECU Scholar-Teacher Award, East Carolina University
- 2020 ECU Featured Expert, September 2020, Thomas Harriot College of Arts and Sciences, East Carolina University
- 2020 Faculty Reassignment Award, Thomas Harriot College of Arts and Sciences, East Carolina University (Funds for one course buyout in Fall 2020)
- 2018 Faculty Travel Award, Thomas Harriot College of Arts and Sciences, East Carolina University (Funds for one domestic conference travel to present a research paper)
- 2009 Special Recognition, Gill-Chin Lim Award for Best Dissertation in International Planning, The Association of Collegiate Schools of Planning
- 2009 Honorable Mention, Samuel H. Prince Dissertation Award
International Sociological Association's Research Committee on Disasters
- 2004 Outstanding Graduate Student Instructor Award, University of California at Berkeley

PRESENTATIONS AND CONFERENCE ACTIVITIES

Invited Talks

- 2019 "Building local resilience: Hazard mitigation plan implementation in coastal North Carolina", Disaster Prevention Research Institute (DPRI), Kyoto University, Uji, Japan, April 22, 2019
- 2017 "Holding ground: Land use change in Japan after 3.11", Abe Fellowship Program Brown Bag, Tokyo, Japan, August 3, 2017
- 2017 "Building local resilience: Hazard mitigation plan implementation in coastal North Carolina", Disaster Resilience Colloquium, International Research Institute of Disaster Science (IRIDeS), Tohoku University, Sendai, Japan, June 22, 2017
- 2013 "Resilience at the margins: Planning for squatter housing recovery in Bachhau, India", Panel on *Building Disaster Resilience*, Massachusetts Institute of Technology (MIT) Symposium on *Planning Practices that Matter: Housing for Resilient Cities*, Boston, November 15-16, 2013
- 2012 "Issues in flood mitigation and adaptation", Asia Pacific Network Workshop on *Human response to catastrophic monsoon events in South Asia*, Dhaka, Bangladesh, September 18, 2012

- 2012 “Post-2011 recovery in Tohoku”, Group Gozain, Sendai International Center, Japan, August 1, 2012
- 2012 “Searching for resilience in Tohoku”, Tohoku University, Sendai, Japan, July 11, 2012
- 2010 “After the cameras have gone: Rebuilding sustainable communities in Haiti”, Workshop on Haiti, Center for Rebuilding Sustainable Communities after Disasters, University of Massachusetts, Boston, April 9, 2010

Conference Presentations

- 2020 Curtis, S., Kruse, J., Mukherji, A., and Helgeson, J. “Compound flooding in eastern North Carolina: Understanding stakeholder perceptions and needs”. NOAA’s 45th Climate Diagnostics and Prediction Workshop, Virtual Workshop, October 20, 2020
- 2019 Mukherji, A. “Housing recovery in Sendai, Japan after 3.11”. Association of the Collegiate Schools of Planning Conference, Greenville, South Carolina, October 26, 2019
- 2018 Ganapati, N.E., Mukherji, A. & Fraser, N. “Participation woes: Public participation in post-disaster recovery planning in Haiti”. Association of the Collegiate Schools of Planning Conference, Buffalo, New York, October 27, 2018
- 2018 Mukherji, A. & Ganapati, N.E. “Panacea or problem: Comparing parallel governance structures for disaster recovery”. 43rd Annual Natural Hazards Research and Applications Workshop, Broomfield, Colorado, July 12, 2018
- 2018 Ganapati, N.E. & Mukherji, A. “House keeping: Managing post-disaster housing recovery long term”. American Society for Public Administration Conference, Denver, Colorado, March 11, 2018
- 2017 Mukherji, A. & Ganapati, N.E. “Panacea or problem: Comparing parallel governance structures for disaster recovery”, Association of the Collegiate Schools of Planning Conference, Denver, Colorado, October 15, 2017
- 2017 Mukherji, A. “Hazard mitigation plan implementation in coastal North Carolina”, Poster at North Carolina Emergency Management (NCEM) / ECU Hurricane Workshop, May 25, 2017
- 2017 Mukherji, A. “Building local resilience: Hazard mitigation plan implementation in coastal North Carolina”, Urban Affairs Association Conference, Minneapolis, Minnesota, April 20, 2017
- 2015 Mukherji, A. “Resilience at the margins: Informal housing recovery in Bachhau, India after the 2001 Gujarat quake”, Urban Affairs Association Conference, Miami, Florida, April 10, 2015

- 2014 Mukherji, A. & Ganapati, N.E. “Expecting the unexpected: Field research in post-disaster settings”, Association of the Collegiate Schools of Planning Conference, Philadelphia, Pennsylvania, October 30, 2014
- 2014 Mukherji, A. “Building local resilience: Hazard mitigation plan implementation in coastal North Carolina”, North Carolina Emergency Management (NCEM) / ECU Hurricane Workshop, May 28, 2014
- 2012 Mukherji, A. “Holding ground: Negotiating recovery through land-use change adaptation in Tohoku”, Association of the Collegiate Schools of Planning Conference, Cincinnati, Ohio, November 4, 2012
- 2011 Mukherji, A. “Re-housing urban Haiti after the earthquake: Dual role of social capital”, Association of the Collegiate Schools of Planning Conference, Salt Lake City, Utah, October 15, 2011
- 2010 Mukherji, A. “Urban housing recovery in Haiti”, Association of the Collegiate Schools of Planning Conference, Minneapolis, Minnesota, October 7, 2010
- 2010 Rahill, G.J., Ganapati, N.E., Clérismé, J.C. & Mukherji, A. “Re-housing urban Haiti after the earthquake: The role of social capital”, National Science Foundation (NSF), Network for Earthquake Engineering Simulation (NEES), September 23, 2010. Poster at: <http://nees.org/resources/1040/download/>
- 2008 Mukherji, A. “Following the money: Impact of World Bank funds on housing recovery in post-earthquake urban Kutch, India”, Association of the Collegiate Schools of Planning Conference, Chicago, Illinois, July 11, 2008
- 2007 Mukherji, A. “Post-earthquake housing recovery in Bachhau, India: The homeowner, the squatter, and the renter”, Association of the Collegiate Schools of Planning Conference, Milwaukee, Wisconsin, October 18, 2007
- 2007 Mukherji, A. “Rebuilding Soniwad: Community participation in post-disaster urban reconstruction”, Association of American Geographers, San Francisco, California, April 20, 2007
- 2003 Mukherji, A., “Wurster Hall Emergency Egress”, Poster at Twenty-third Annual ESRI (Environmental Systems Research Institute) User Conference, San Diego, California, July 7-11, 2003

Panel Discussant

- 2017 “Planning for Environmental Impact”, Association of the Collegiate Schools of Planning Conference, Denver, Colorado, October 14, 2017

- 2016 “Developing in flood-prone areas: Guidance and best practices”, 41st Annual Natural Hazards Research and Applications Workshop, Broomfield, Colorado, July 13, 2016
- 2012 “Emergency planning and recovery processes”, Association of the Collegiate Schools of Planning Conference, Cincinnati, Ohio, November 3, 2012
- 2009 “Planning for climate change, planning for disasters: Local and international perspectives”, The Edge: Urban and Regional Conversations, Lecture Series, Boston University, Boston, Massachusetts, October 20, 2009

Roundtable Participation

- 2010 “Post-disaster recovery planning in Haiti”, Association of Collegiate Schools of Planning Conference, Minneapolis, Minnesota, October 9, 2010
- 2009 “Post-disaster recovery planning”, Association of the Collegiate Schools of Planning Conference, Crystal City, Virginia, October 2, 2009

Conference Panels Organized

- 2017 “Land sub-division in the floodplains of rural North Carolina”, North Carolina Chapter of the American Planning Association (NC-APA) Conference, Greenville, North Carolina, September 2017
- 2017 “Emergency preparedness planning for public health during Hurricane Matthew”, North Carolina Chapter of the American Planning Association (NC-APA) Conference, Greenville, North Carolina, September 2017
- 2010 “Planning Haiti: The multiple scales of disaster”, Paper Panel, Association of Collegiate Schools of Planning Conference, Minneapolis, Minnesota, October 7, 2010
- 2010 “Post-disaster recovery planning in Haiti”, Roundtable, Association of Collegiate Schools of Planning Conference, Minneapolis, Minnesota, October 9, 2010
- 2009 “Post-disaster recovery planning”, Roundtable (Co-organized), Co-sponsored by GPEIG and HUD, Association of the Collegiate Schools of Planning Conference, Crystal City, Virginia, October 2, 2009
- 2008 “Issues in post-disaster recovery planning: A global perspective”, Paper Panel, Association of Collegiate Schools of Planning Conference, Chicago, Illinois, July 11, 2008

Campus Talks

- 2016 “It was only a ‘Matt’er of time: Understanding Matthew/Remembering Floyd”, Interdisciplinary Panel, Sponsored by the Center for Natural Hazards Research and

Department of Geography, Planning and Environment, East Carolina University,
November 15, 2016

- 2016 “Holding ground: Disaster recovery through land use change adaptation in Tohoku, Japan”, Geography Colloquium, East Carolina University, September 23, 2016
- 2011 “Rebuilding Haiti”, Great Decisions Program, East Carolina University, February 12, 2011
- 2010 “Future challenges: Dealing with disasters”, Pardee House Seminar, Pardee Center for the Study of the Long Range Future, Boston University, March 30, 2010

TEACHING EXPERIENCE

East Carolina University

Emergency Management Planning (Upper Level Undergraduate, Spring 2011-2015, 2020; Fall 2016)

Urban Form and Design (Upper Level Undergraduate, Fall 2010-2020; Spring 2013 & 2014)

History and Theory of Planning (Lower Level Undergraduate, Spring 2016-2018, 2020; Fall 2018)

Planning Studio (Upper Level Undergraduate, Fall 2018-2019)

Land Use Planning (Upper Level Undergraduate, Spring 2018)

Planning Practicum (Undergraduate Capstone Project, Spring 2018)

Sustainable Cities (Lower Level Undergraduate, Fall 2011-2017; Spring 2015-2017)

Hazards and Emergency/Disaster Planning (Graduate, Spring 2011-2015, 2020; Fall 2016)

Design for the Built Environment (Graduate, Fall 2011-2020; Spring 2013)

Growth Management (Graduate, Spring 2018)

Boston University

Comparative Housing (Graduate Seminar, Summer 2010)

Comparative Urbanization and Planning (Guest Talks, Graduate Seminar, Spring 2009 & 2010)

Theory, Policy, and Practice in Disaster Recovery Planning (Graduate Seminar, Fall 2009)

University of California at Berkeley

Introduction to Computing in Architecture (Upper Level Undergraduate, Fall 2001-2003)

Social and Cultural Basis of Design (Upper Level Undergraduate, Spring 2002 & 2003)

Master’s Thesis and Doctoral Dissertation Committees (Completed)

Committee Member:

Deanna Swain, PhD, 2017. “Shifting sands and shifting strategies: Advocacy coalitions, Bonner bridge, and the future of NC 12 on North Carolina’s outer banks”

Samantha Connolly, MS, 2018. “Future flood risk perceptions following Hurricane Matthew: A study of Eastern North Carolinians

Logan McSherry, MS, 2018. “Outer banks tourists’ preferences, sensitivities, and environmental

perceptions: A case study of Cape Hatteras national seashore”

Jonathan Russell, MS, 2017. “An analysis of wastewater treatment alternatives for the Town of Elm City, North Carolina”

Nola Roberts, MS, 2016. “Bypasses, planning and economic development: A case study of Havelock, North Carolina”

Jamie Heath, MS, 2015. “Local implementation of state wildlife action plan in coastal North Carolina”

Christina Gares, MS, 2013. “Aid allocation and success of USAID funded health programs in Sub Saharan Africa”

Masters Thesis and Doctoral Dissertation Committees (Ongoing)

Chair:

Isaiah Higgs, MS, “Evaluating community influence on land use decisions within Pitt County”

Jacob Matthews, MS, “Juxtaposing urban and rural and Latin American central plaza functions in the Andean highlands of Peru”

SERVICE

Professional Service

Chair	Faculty Best Journal Article Award Committee, Global Planning Educators Interest Group (GPEIG), Association of Collegiate Schools of Planning (ACSP), 2019 – <i>present</i>
Reviewer	Gulf Research Program (GRP), U.S. National Academies of Sciences, Engineering, and Medicine
Member	Faculty Best Journal Article Award Committee, Global Planning Educators Interest Group (GPEIG), Association of Collegiate Schools of Planning (ACSP), 2016 - 2018
Member	2017 Annual Conference Host Committee, North Carolina Chapter of the American Planning Association (NC-APA), 2017
Article Editor	Sage Open (2016)
Referee	International Journal of Mass Emergencies and Disasters (2020, 2019); Journal of Flood Risk Management (2020, 2017); International Journal of Disaster Risk Reduction (2019, 2017, 2016, 2015); Journal of Housing and Built Environment (2019); Disasters (2018, 2015); Natural Hazards (2018, 2016, 2012); Natural Hazards Review (2016); Journal of the American Planning Association (2016, 2013); Emotion, Space and Society (2015, 2014); Journal of Civil Society (2015, 2010); Earthquake Spectra (2011, 2010)

- Reviewer “Knowledge Notes Workshop” World Bank and the Government of Japan project on *Learning from mega disasters*, International Recovery Platform, Kobe, Japan, May 22, 2012
- Member Conference Travel Award Committee, Global Planning Educators Interest Group (GPEIG), Association of Collegiate Schools of Planning (ACSP), 2010-2013
- Core Member Boston University Haiti Advisory Team, January 2010
Assisted the Ministry of Interior, Government of Haiti in drafting a platform document outlining a strategic vision for housing reconstruction in Haiti following the January 2010 earthquake.
- Coordinator Department of Architecture Graduate Research Symposium, University of California at Berkeley, Berkeley, California, May 2, 2003

Departmental Service (Department of Geography, Planning and Environment, ECU)

- Chair Planning Program Scholarship Committee, 2015-2019
- Member Graduate Committee, 2019-*present*; 2011-2017
- Member Advisory Committee, 2019-*present*; 2016-2017; 2013-2014
- Member GIS/Human Geography Faculty Search Committee, 2018-2019
- Member Curriculum Committee, 2017-2019
- Member Department Chair Search Committee, 2017
- Member Web Oversight, 2016-2019
- Member Personnel Committee, 2015-*present*
- Coordinator Planning Program Curriculum, 2012-2013
- Member Planning Faculty Search Committee, 2012-2013
- Member Graduate Committee, 2011-2017
- Coordinator Planning Computer Lab, 2011-2014
- Member Planning Program Committee, 2010-*present*
- Co-Chair Colloquium Committee, 2010-2012

University Service (ECU)

- Member ECU Hazard Mitigation Planning Committee
- Member Faculty at Large Representative, Graduate Council, 2019-*present*
- Member Advisory Committee, Campus Master Planning, 2018 - 2019
- Alternate Faculty Chair Representative, Graduate Council, 2018-2019
- Vice-Chair University Environment Committee, 2017-2018
- Member Campus Grounds Focus Group, ECU Sustainability Master Plan Strategic Planning Team, 2017-2018
- Panelist Chancellors Committee on the Status of Women, Promotion and Tenure Workshop, 2017
- Panelist Harriot College of Arts and Sciences, Promotion and Tenure Workshop, 2017
- Member Fulbright Campus Review Board, 2016

PROFESSIONAL MEMBERSHIPS / AFFILIATIONS

Center for Natural Hazards Research, East Carolina University (Research Associate)

North Carolina Emergency Management (NCEM) Association for Educators

American Association of University Women (AAUW)

Japan Society for the Promotion of Science (JSPS)