

ANURADHA MUKHERJI

Associate Professor of Urban and Regional Planning

CONTACT INFORMATION

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EDUCATION

- Ph.D.** Architecture, University of California at Berkeley, 2008
Specialization: Disaster Planning; Housing Policy and Development
- M.S.** Architecture, Texas A&M University at College Station, 2001
- Diploma** Architecture, Center for Environmental Planning and Technology University, Ahmedabad, India, 1998

PROFESSIONAL APPOINTMENTS

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

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

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

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

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

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

PUBLICATIONS

Refereed Articles

Mukherji, A. (2017). Post-disaster housing recovery. *Oxford Research Encyclopedia of Natural Hazard Science* (<http://naturalhazardscience.oxfordre.com>). DOI: 10.1093/acrefore/9780199389407.013.82

Mukherji, A. (2016). Resilience at the margins: Informal housing recovery in Bachhau, India after the 2001 Gujarat quake. *International Journal of Housing Policy*. DOI: 10.1080/14616718.2016.1219648

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

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

Mukherji, A. (2012). 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

Manuscripts In Preparation

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

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

GRANTS AND FELLOWSHIPS

- 2017 National Institutes of Health (NIH)
Funding: Pending, Co-PI (with Emel Ganapati/PI).
Project: Cohesive or Fragmented: Cross-Sectoral Collaboration to Assist Medically Vulnerable Populations Prepare for Hurricane Matthew
- 2017 National Science Foundation (NSF) Smart and Connected Communities-
Integrative Research Grants (S&CC-IRG) Track 1
Funding: Pending, Co-PI (with Jamie Kruse/PI).
Project: North Carolina Smart and Connected Communities Hub – Pitt County
Disaster Recovery Living Lab
- 2014 – 16 Abe Fellowship, \$59,903
Funding: Social Science Research Council (SSRC), the American Council of
Learned Societies (ACLS) & the Japan Foundation Center for Global Partnership
Project: Planning Urban Recovery and Resilience: Comparing Land Use Policy
and Adaptation Initiatives after Catastrophic Events
- 2012 Japan Society for the Promotion of Science (JSPS) Fellowship, \$16,000
Funding: SSRC & the Japan Foundation Center for Global Partnership
Project: Reimagining urban space in Tohoku after 3.11
- 2012 APN Seed Grant, \$15,000
Funding: Asia Pacific Network (APN), Co-Investigator (with T. Crawford/PI, A.
Salahuddin, S. Curtis, A. Ahmed, T. Allen, D. Bradley, G. Miah, A. Mishra, K.
Premalal)
Project: Human Response to Catastrophic Monsoon Events in South Asia
- 2010 – 11 NSF Rapid Grant, \$45,441
Funding: NSF, Senior Project Expert (with E. Ganapati/PI, G. Rahill/co-PI)
Project: Re-housing Urban Haiti After the Earthquake: The Role of Social Capital
- 2010 – 11 American Association of University Women (AAUW) Fellowship, \$6,000

- Funding: AAUW
Project: Dissemination of Doctoral Scholarship on Disaster Recovery
- 2006 – 07 Periship Fellowship, Natural Hazards Center, University of Colorado at Boulder, \$9700
Funding: Public Entity Risk Institute (PERI), NSF, and Swiss Re
Project: 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
Funding: Southern Asian Institute, Columbia University

AWARDS AND HONORS

- 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

INVITED TALKS

- 2017 “Comparing post-disaster land use change in Japan and the United States”, 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 ACTIVITY

Presentations

- 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

Discussant

- 2016 "Developing in flood-prone areas: Guidance and best practices", Natural Hazards Center Annual 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

Panels Organized

- 2017 "Land sub-division in the floodplains of rural North Carolina", Accepted at 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", Accepted at 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

Sustainable Cities (Lower Level Undergraduate, Fall 2011-2015; Spring 2015-2017)
History and Theory of Planning (Lower Level Undergraduate, Spring 2016-2017)
Urban Form and Design (Upper Level Undergraduate, Fall 2010-2016; Spring 2013 & 2014)
Emergency Management Planning (Upper Level Undergraduate, Spring 2011-2015; Fall 2016)
Design for the Built Environment (Graduate, Fall 2011-2016; Spring 2013)
Hazards and Emergency/Disaster Planning (Graduate, Spring 2011-2015; Fall 2016)

Boston University

Comparative Housing (Graduate Seminar, Summer 2010)
Comparative Urbanization and Planning (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)

SERVICE TO PROFESSION

2017 Annual Conference Host Committee, North Carolina Chapter of the American Planning Association (NC-APA), 2017-*present*

Best Journal Article Award Committee, Global Planning Educators Interest Group (GPEIG), Association of Collegiate Schools of Planning (ACSP), 2016-*present*

Article Editor: Sage Open (2016)

Referee For: Journal of Flood Risk Management (2017), Natural Hazards Review (2016), Disasters (2015), International Journal of Disaster Risk Reduction (2016, 2015), Emotion, Space and Society (2015, 2014), Journal of Civil Society (2015, 2010), Journal of the American Planning Association (2016, 2013), Natural Hazards (2016, 2012), Earthquake Spectra (2011, 2010)

Invited 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

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.

Symposium Coordinator, Department of Architecture Graduate Research Symposium, University of California at Berkeley, Berkeley, California, May 2, 2003

DEPARTMENTAL / UNIVERSITY SERVICE

Member	Department Chair Search Committee, Department of Geography, Planning and Environment, 2017
Member	Fulbright Campus Review Board, East Carolina University, 2016
Member	Web Oversight, Department of Geography, Planning and Environment, 2016- <i>present</i>
Member	Personnel Committee, Department of Geography, Planning and Environment, 2015-2016
Chair	Planning Program Scholarship Committee, Department of Geography, Planning and Environment, 2015- <i>present</i>
Member	Advisory Committee, Department of Geography, Planning and Environment, 2013-2014; 2016-2017
Member	Faculty Search Committee, Department of Geography, Planning and Environment, 2012-2013
Member	Graduate Committee, Department of Geography, Planning and Environment, 2011- <i>present</i>
Coordinator	Planning Computer Lab, Department of Geography, Planning and Environment, 2011-2014

Member Planning Program Committee, Department of Geography, Planning and Environment,
2010-*present*
Co-Chair Colloquium Committee, Department of Geography, Planning and Environment,
2010-2012

PROFESSIONAL POSITIONS

Studio 3087, India, January 1999 – July 1999
Assistant Architect

RELATED PROFESSIONAL / COMPUTER SKILLS

Visualizing and Modeling: AutoCAD, Sketch Up
Web Design: Adobe Dreamweaver, HTML Coding, Word Press
Image Editing: Adobe Photoshop
Office: Microsoft Office
Analysis: NVivo

LANGUAGE SKILLS

Bengali (Native)
English (Fluent)
Hindi (Fluent)
Gujarati (Conversational)

PROFESSIONAL MEMBERSHIPS / AFFILIATION

American Planning Association (APA)
American Association of University Women (AAUW)
Japan Society for the Promotion of Science (JSPS)
