

# ANURADHA MUKHERJI

Associate Professor of Community and Regional Planning

## CONTACT INFORMATION

East Carolina University  
Department of Geography, Planning, and Environment  
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Greenville, NC 27858

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LinkedIn: <https://www.linkedin.com/in/anuradhamukherji/>

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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

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## PROFESSIONAL APPOINTMENTS

### Current Appointments

Associate Professor of Community and Regional Planning, 2017 – present  
Graduate Program Director, 2021 – 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

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## PUBLICATIONS

### Peer Reviewed Articles

Mukherji, A., Adeniji, K.A., Curtis, S., Helgeson, J., Kruse, J. K. & Millea, M. (2024). Buyout programme experiences and perspectives of local public officials in eastern North Carolina. *Environmental Hazards*. DOI: <https://doi.org/10.1080/17477891.2023.2299371>

Mukherji, A., Adeniji, K.A., Curtis, S., Helgeson, J., Kruse, J. K. & Ghosh, A. (2023). Perspectives of local public officials on the health hazards of compound flooding in Eastern North Carolina. *SSM-Qualitative Research in Health*. DOI: <https://doi.org/10.1016/j.ssmqr.2023.100359>

Mukherji, A., Curtis, S., Helgeson, J., Kruse, J. K. & Ghosh, A. (2023). Mitigating compound coastal water hazards in eastern North Carolina. *Journal of Environmental Planning and Management*, 67(8). DOI: <https://doi.org/10.1080/09640568.2023.2183112>

Curtis, S., Mukherji, A., Kruse, J. K., Helgeson, J. & Ghosh, A. (2022). Perceptions of risk to compound coastal water events: A case study in eastern North Carolina, USA. *Progress in Disaster Science*, 16: 100266. DOI: <https://doi.org/10.1016/j.pdisas.2022.100266>

Curtis, S., DePolt, K., Kruse, J. K., Mukherji, A., Helgeson, J., Ghosh, A. & Van Wagoner, P. (2021). Spatially compounded surge events: An example from hurricanes Matthew and Florence. *Natural Hazards and Earth System Sciences*, 21: 1759-1767. DOI: <https://doi.org/10.5194/nhess-21-1759-2021>

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: <https://doi.org/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: <https://doi.org/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: <https://doi.org/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: <https://doi.org/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: <https://doi.org/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: <https://doi.org/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: <https://doi.org/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: <https://doi.org/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: [https://doi.org/10.1061/\(ASCE\)NH.1527-6996.0000120](https://doi.org/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: <https://doi.org/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. DOI: <https://doi.org/10.1260/147807707782581756>

## **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

Curtis, S., Mukherji, A., Kruse, J. K., Helgeson, J. & Ghosh, A. (2022). Compound Flooding on the Rise: Impacts, Challenges and Policy Directions. Summary Report. East Carolina University: Greenville, NC.

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

## Manuscripts Under Preparation

Mukherji, A. Book Manuscript. Land use reorganization after 3.11 in Tohoku.

Mukherji, A. Governing resilience through hazard mitigation plan implementation in coastal North Carolina.

Ke’Ziyah, Guthrie, A., Mukherji, A., Millea, M., Finegan, K., Adeniji, K.A., & Curtis, S. Intended and unintended consequences of buyout programs as an adaptative response to compound flood events in rural eastern North Carolina.

Helgeson, J., Mukherji, A., Curtis, S., Kruse, J. K. & Ghosh, A. Economic impacts of compound coastal water hazards in eastern North Carolina.

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## GRANTS AND FELLOWSHIPS

2024 – 26     **Mukherji, A. (PI)**, Curtis, S. (co-PI), Moulton, A. (co-PI) – Under Review  
Funded By:    National Oceanic and Atmospheric Administration (NOAA)  
Project Title: *Hydro-social monitoring for adaptation, resilience, and transformation (Hydro-SMART) in the Caribbean.*

2022 – 24     **Mukherji, A. (PI)**, Millea, M. (co-PI), Curtis, S. (co-PI), Kruse, J. (co-PI)  
Funded By:    National Oceanic and Atmospheric Administration (NOAA),  
\$149,844

- Project Title: *Intended and unintended consequences of buyout programs as an adaptive response to compound flood events and coastal inundation risk in rural communities.*
- 2019 - 22      Curtis, S. (PI), Kruse, J. (co-PI), **Mukherji, A. (co-PI)**, Ghosh, A. (co-PI)  
Funded By:    National Oceanic and Atmospheric Administration (NOAA),  
                         \$299,563  
Project Title: *Preparing for, responding to, and mitigating compound coastal water hazards for resilient rural communities.*
- 2014 – 17      **Mukherji, A.** 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
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## **AWARDS, HONORS, AND RECOGNITIONS**

- 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 a 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
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## **PRESENTATIONS AND CONFERENCE ACTIVITIES**

### **Invited Talks/Panels**

- 2024 "Community of Practice", National Oceanic and Atmospheric Administration (NOAA) Climate Program Office (CPO) Adaptation Sciences, Virtual, June 10, 2024
- 2024 "Beyond Resilience: What Japan Can Teach the World About Disaster", Abe Global Forum 2024, Social Science Research Council (SSRC), Japan Foundation & East-West Center in Washington D.C., Virtual, February 5, 2024
- 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

- 2024 Mukherji, A., Williamson, K., Guthrie, A., Adeniji, K.N. Finegan, K., Millea, M., Curtis, S., & Sardina, B. “Buyout Programs in the Carolinas: Perspectives of Local Public Officials and Community Leaders.” 52<sup>nd</sup> Urban Affairs Association Conference, New York, NY, April 26, 2024
- 2023 Adeniji, K.N., Mukherji, A., Curtis, S., Helgeson, J., Kruse, J. K., Ghosh, A., & Millea, M. “Challenges and impacts of buyout programs in Eastern North Carolina.” 48<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Colorado, July 13, 2023
- 2023 Curtis, S., Mukherji, A., Kruse, J., Helgeson, J., Ghosh, A., & Adeniji, K.N. “Barriers to recognizing, communicating, and mitigating compound flood risk: A case study in rural eastern North Carolina.” Annual Climate Prediction Applications Science Workshop (CPASW), Asheville, North Carolina, May 11, 2023
- 2023 Adeniji, K.N. & Mukherji, A. “Impact of buyout programs on land use patterns in the special flood hazard area of Pitt County, North Carolina.” 51<sup>st</sup> Urban Affairs Association Conference, Nashville, Tennessee, April 28, 2023
- 2022 Mukherji, A., Curtis, S., Kruse, J., Helgeson, J., Ghosh, A., & Adeniji, K.N. “Mitigating compound water hazards in eastern North Carolina.” 47<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Virtual Event, Colorado, July 14, 2022

- 2021 Mukherji, A., Curtis, S., Van Wagoner, P., Kruse, J., Helgeson, J., Ghosh, A., & DePolt, K. "Mitigating water hazards in eastern North Carolina: Perspectives of planners and emergency managers." Association of the Collegiate Schools of Planning Conference, Virtual Event, October 7, 2021
- 2021 Mukherji, A., Curtis, S., Van Wagoner, P., Kruse, J., Helgeson, J., Ghosh, A., & DePolt, K. "Compound water hazards in eastern North Carolina: Understanding economic impacts." 46<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Virtual Event, Colorado, July 15, 2021
- 2021 Mukherji, A., Van Wagoner, P., Curtis, S., Kruse, J., Helgeson, J., & DePolt, K. "Planning for resilience: An analysis of compound flooding in eastern North Carolina." 2021 Carolinas Climate Resilience Conference, Chapel Hill, North Carolina, May 11, 2021
- 2020 Curtis, S., Kruse, J., Mukherji, A., & Helgeson, J. "Compound flooding in eastern North Carolina: Understanding stakeholder perceptions and needs." NOAA's 45<sup>th</sup> Climate Diagnostics and Prediction Workshop, Virtual Workshop, October 20, 2020
- 2019 Curtis, S., Kruse, J., Mukherji, A., Ghosh, A., Helgeson, J. & Buck, B. Preparing for, responding to, and mitigating compound coastal water hazards for resilient rural communities. 74<sup>th</sup> Annual SEDAAG, Poster Presentation. Wilmington, NC, November 2019.
- 2019 Curtis, S., Kruse, J., Mukherji, A., Ghosh, A., Helgeson, J. & Buck, B. Preparing for, responding to, and mitigating compound coastal water hazards for resilient rural communities. North Carolina Coastal Conference, Poster Presentation. Wilmington, NC, November 2019.
- 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." 43<sup>rd</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, Colorado, July 12, 2018
- 2018 Ganapati, N.E. & Mukherji, A. "Housekeeping: 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." 47<sup>th</sup> 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." 45<sup>th</sup> 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," 41<sup>st</sup> 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/Panels**

- 2022 ECU Sustainability Film Series. Panelist for post-film discussion after the documentary screening of ‘Cooked’, East Carolina University, February 8, 2022
- 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

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## **TEACHING EXPERIENCE**

### **East Carolina University**

- Disaster Planning, Policy, and Practice (Graduate, Spring 2011-2015, 2020-2023; Fall 2016)
- City Planning and Design (Graduate, Fall 2011-2023; Spring 2013)
- Research Design (Graduate, Spring 2022)
- Growth Management (Graduate, Spring 2018)
- Disaster Planning (Upper-Level Undergraduate, Spring 2011-2015, 2020-2022, 2024; Fall 2016)
- Urban Form and Design (Upper-Level Undergraduate, Fall 2010-2021; Spring 2013-2014)
- History and Theory of Planning (Lower-Level Undergraduate, Spring 2016-2018, 2020-2024; 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)

### **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)**

#### *Chair:*

Nelson Adeniji, MS, 2023. "Land use change impacts of buyouts in the floodplains of Pitt County in eastern North Carolina."

Brandon Wrenn, MS, 2021. "US Hwy 90 and UPPRR grade separation environmental analysis."

#### *Committee Member:*

Jacob Blankenship, MS, 2023. "Understanding residents' perception of FEMA buyout programs in small rural municipalities: A case study of Grifton, North Carolina."

Philip Van Wagoner, MS, 2023. "Desktop reconnaissance: Using GIS to catalog dry detention basins."

Kelley De Polt, MS, 2021. "Analyzing drivers of compound coastal water events (CCWE) with copulas: A case study in eastern North Carolina."

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."

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."

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."

**Master’s Thesis and Doctoral Dissertation Committees (Ongoing)**

*Committee Member:*

Yicheng Xu, (Doctoral), “Risk management under the high tide: Understanding the impacts of nuisance flooding and potential mitigation alternatives,” Integrated Coastal Science Program, ECU.

Nelson Adeniji, (Doctoral), “Household disaster recovery in eastern North Carolina,” Integrated Coastal Science Program, ECU.

Victor Ihuka (Masters), “Mining for Cryptocurrencies, Extracting from Communities: A Case Study of Belvoir.”

**SERVICE**

**Leadership**

- Director Graduate Program, Department of Geography, Planning, and Environment, ECU, 2021 – *present*
- Chair Thomas Harriot College of Arts and Sciences Graduate Curriculum Committee, ECU, 2023 – 2024
- Chair Faculty Best Journal Article Award Committee, Global Planning Educators Interest Group (GPEIG), Association of Collegiate Schools of Planning (ACSP), 2019 – 2022

**Professional Service**

- Reviewer Grant Proposals, The Japan Foundation Center for Global Partnership (CGP), New York, 2021-2022
- Reviewer Grant Proposals, 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 Disaster Risk Reduction (2024, 2017, 2016, 2015)  
Journal of Environmental Planning and Management (2023)  
Urban Affairs Review (2023, 2022)  
Journal of the American Planning Association (2021, 2016, 2013)  
International Journal of Mass Emergencies and Disasters (2020, 2019)

Journal of Flood Risk Management (2020, 2017)  
 Journal of Housing and Built Environment (2019)  
 Disasters (2018, 2015)  
 Natural Hazards (2018, 2016, 2012)  
 Natural Hazards Review (2016)  
 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 Graduate Committee, 2021-present
- Coordinator Development and Environmental Planning Graduate Certificate, 2021-present
- Member Personnel Committee, 2015-present
- Member Planning Program Committee, 2010-present
- Member Planning Distinguished Alumni Award Selection Committee, 2023-present
- Member Coastal/Environmental Planning Search Committee, 2021-2022
- Member Advisory Committee, 2021-2022; 2019-2020; 2016-2017; 2013-2014
- Member Graduate Committee, 2019-2021; 2011-2017
- Chair Planning Program Scholarship Committee, 2015-2019
- 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
- Coordinator Planning Program Curriculum, 2012-2013
- Member Planning Faculty Search Committee, 2012-2013
- Coordinator Planning Computer Lab, 2011-2014
- Co-Chair Colloquium Committee, 2010-2012

### **University Service (ECU)**

- Chair Graduate Curriculum Committee, Thomas Harriot of Arts and Sciences, 2023-24
- Member Graduate Curriculum Committee, Thomas Harriot of Arts and Sciences, 2022-23

Member	ECU Hazard Mitigation Planning Committee, 2020-2021
Member	Faculty at Large Representative, Graduate Council, 2019-2020
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

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**PROFESSIONAL MEMBERSHIPS / AFFILIATIONS**

Center for Natural Hazards Research, East Carolina University (Core Faculty, 2011-2023)  
North Carolina Emergency Management (NCEM) Association for Educators  
American Association of University Women (AAUW)