

## **Gavin Smith, Ph.D., FAICP**

Professor, Department of Landscape Architecture and Environmental Planning  
College of Design  
North Carolina State University

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### **EDUCATION**

#### **Doctor of Philosophy in Urban and Regional Planning**

Texas A&M University. College Station, Texas  
Specialization: Environmental Planning and Policy, Alternative Dispute Resolution, Hazard Mitigation

#### **Master of Science in Sociology**

Texas A&M University. College Station, Texas  
Specialization: Politics of Urban Development, Demography

#### **Bachelor of Science in Sociology**

Minor - Organizational Management  
Texas A&M University. College Station, Texas  
Specialization: Urban Sociology

### **EXPERIENCE**

**Professor, Department of Landscape Architecture and Environmental Planning. North Carolina State University. January 2019 – present.** Work with faculty within the College of Design and across campus to develop interdisciplinary education, research, and engagement initiatives. Teach courses focused on the intersection of natural hazards, disasters, and climate change adaptation as part of a 13-credit interdisciplinary graduate certificate program I developed and lead. The Disaster Resilient Policy, Engineering and Design certificate spans three departments (Landscape Architecture and Environmental Planning, Public Administration, and Civil and Environmental Engineering).

Lead the development of an International Community of Practice focused on Community-Led Relocation, including partners in Australia and New Zealand. This effort involves the cross-cultural exchange of information through emerging applied research, teaching, and community engagement strategy and associated projects.

## **EXPERIENCE (continued)**

Lead an interdisciplinary graduate student and faculty research team focused on the following topics: the development of a national roster of faculty and engagement experts to assist under-resourced communities develop and implement hazard mitigation grants and plans; the acquisition of hazard-prone housing and resettlement activities in the U.S and New Zealand; open space management of acquired hazard-prone areas (and the development of an open space management guide spanning policy and design issues); the assessment of how states and territories build the capacity of local governments to implement FEMA-based hazard mitigation grants; the assessment of disaster resilient design education programs across the US; and the development of training strategies to reduce risk among historic properties and landscapes. Currently working on the development of an international learning lab focused on community-driven resettlement following disasters and as part of a proactive climate change adaptation strategy. Current partners include universities and quasi-governmental organizations in Australia, New Zealand, the United Kingdom, and Italy.

Serve on several interdisciplinary on- and off-campus committees focused on resilience and climate change adaptation. NCSU committees include: the Sustainable and Resilient Coasts Initiative (serve as the College of Design Representative); the KIETS Climate Leaders Program; and the Southeast Climate Science Center's Faculty Fellows. Off-campus committees include: National Academy of Sciences, Engineering, and Medicine. Policy and Global Affairs. Resilient America Roundtable; U.S. Global Change Research Program. Fifth National Climate Assessment (NCA5), Southeast Region.

In addition to committee membership, I regularly advise and engage with federal agencies, states, and nations on topics tied to disaster resilience and climate change adaptation. Recent examples include: the FEMA national office; universities developing coastal resilience programs (Texas A&M University at Galveston and the University of the Virgin Islands); and Queensland, Australia Reconstruction Authority.

**Director, U.S. Department of Homeland Security Coastal Resilience Center of Excellence. University of North Carolina at Chapel Hill. August 2015 – January 2019.** Lead multi-disciplinary center. Emphasis is placed on managing more than 27 universities located across the United States; fostering partnerships between practitioners, researchers, and educators; translating findings to practice; and creating the next generation of hazards scholars and policymakers. Lead a 10-credit Graduate Certificate in Natural Hazards Resilience located in the Department of City and Regional Planning.

**Senior Disaster Recovery Advisor/Chief of Hurricane Matthew Disaster Recovery and Resilience Initiative. State of North Carolina. January 2017 – January 2019.** Advise the Director of the North Carolina Division of Emergency Management and senior staff on a range of disaster recovery issues and lead a team comprised of faculty and students from the University of North Carolina at Chapel Hill and the North Carolina College of Design to assist 6 hard-hit

## **EXPERIENCE (continued)**

communities with modest to low-capacity following Hurricane Matthew. Specific activities undertaken in partnership with the six communities include: developing disaster recovery plans, developing open space management plans for the use of land following the acquisition and demolition of flood-prone properties, identifying replacement housing sites within each town's jurisdiction that is located outside the floodplain, leading a 5-day design workshop focused on the partial relocation of a flood-prone town, creating replacement housing drawings, assessing techniques to flood-proof historic downtowns, and conducting an assessment of post-disaster housing policy options.

**Research Professor. University of North Carolina at Chapel Hill, Department of City and Regional Planning. May 2015 – January 2019.** Teach the following courses: Planning for Natural Hazards and Climate Change Adaptation, Survey of Natural Hazards and Disasters, Natural Hazards Resilience Speaker Series, and special topics as identified. Advise master's and Ph.D. candidates. In October 2018, completed Obama White House supported project which assesses the current state of resilient design curricula across the United States at schools of architecture, building sciences, engineering, landscape architecture, and land use planning.

**Executive Director. U.S. Department of Homeland Security Coastal Hazards Center of Excellence. University of North Carolina at Chapel Hill. June 2008 – July 2015.** As the primary administrator of the multidisciplinary Coastal Hazards Center (CHC), specific tasks included the identification of funding opportunities (coordinated the writing of the winning six-year, \$15,250,000 CHC grant proposal), building partnerships among hazard scholars and practitioners, and managing additional research initiatives as they emerge. Research included a six-year study focused on assessing the quality of state and local hazard mitigation plans (Co-PI). Additional research focused on the role of states in disaster recovery, including gubernatorial leadership. This work, which included conducting filmed interviews with governors and state agency officials, formed the basis of a video-based training guide and journal articles. Additional translational efforts included participating in several federal and state-led committees and regularly advising nations, states, FEMA, EPA, Sea Grant, and other organizations charged with a range of disaster-related policy issues. Played key roles in the coordination and writing of the winning five-year, \$20,000,000 U.S. Department of Homeland Security's Coastal Resilience Center of Excellence proposal, a multi-university initiative beginning in April of 2015.

**Associate Research Professor. University of North Carolina at Chapel Hill, Department of City and Regional Planning. June 2008 – April 2015.** Dr. Smith completed the text *Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework* (Island Press 2011) and more recently co-edited the volume *Adapting to Climate Change: Lessons from Natural Hazards Planning* (Springer 2014). Courses taught include Planning for Natural Hazards and Climate Change Adaptation, Survey of Natural Hazards and Disasters, Disaster Recovery Planning, and Special Topics within the Department of City and Regional Planning. In 2013, Dr. Smith served as a guest lecturer in a course titled *Creating Resilient Cities* at Harvard University's Graduate School of Design. For the past three summers Dr. Smith has

## **EXPERIENCE (continued)**

served as a guest lecturer at the University of Hawaii at Manoa where he has taught classes focused on disaster recovery as part of the National Disaster Preparedness Training Center and Department of City and Regional Planning's Certificate Program in Disaster Management and Humanitarian Assistance.

### **Principal Professional. Post, Buckley, Schuh and Jernigan. August 2006 – May 2008.**

As one of 10 individuals designated as a principal professional within a 4,000-person firm, specific duties were tied to the provision of high-level policy counsel to governors, federal agencies, corporations, universities, and nations regarding disaster recovery and hazard mitigation practice. Projects performed for the State of Mississippi (see below) are indicative of this type of service.

### **Executive Director, Mississippi Governor's Office of Recovery and Renewal. January 2006**

**– January 2007.** Served as the Director of the Governor's Office of Recovery and Renewal, a legislatively appointed position following Hurricane Katrina. Primary tasks focused on four key objectives: identifying federal, state, non-profit, foundation, and corporate financial assistance; providing policy counsel to the Governor, his staff and cabinet members, state agency officials, non-profits, and other organization regarding recovery policy formulation and implementation; assisting in the identification of appropriate organizations responsible for the implementation of the policy recommendations found in the Governor's Commission Report: *After Katrina Building Back Better Than Ever*; and developing education, outreach, and training initiatives associated with long-term disaster recovery. In this role, Dr. Smith helped develop the concept and wrote policy guidance associated with the \$400,000,000 Alternative Housing Pilot Program, a Congressionally funded initiative to test the construction and deployment of improved emergency housing alternatives following Hurricane Katrina in the States of Alabama, Mississippi, and Louisiana. Dr. Smith also led the development of the \$250,000,000 winning proposal for the State of Mississippi funded through the Alternative Housing Pilot Program.

### **Policy Advisor, Governor's Commission on Recovery, Rebuilding and Renewal. November**

**2005 – January 2006.** Provided planning guidance and post-disaster recovery policy counsel to the Governor's Commission on Recovery, Rebuilding, and Renewal. Participated in the Mississippi Renewal Forum, a week-long planning charrette comprised of over 150 architects, engineers, and land-use planners focused on the creation of 11 municipal-level design-based plans intended to guide the rebuilding of coastal communities. Specific tasks included advising design professionals about the implications of the National Flood Insurance Program and how hazard mitigation techniques could be incorporated into plans, site designs, and individual structures. Conducted public meetings with community leaders and disaster survivors in order to gain their input into the creation of community-level plans and the state's recovery policy plan, *After Katrina: Building Back Better than Ever*. Assisted in the writing of the state plan, which contains 264 policy recommendations drawn from the work performed by 11 committees and over 300 members.

## **EXPERIENCE (continued)**

**Adjunct Faculty, Guest Lecturer. University of North Carolina at Chapel Hill, Department of City and Regional Planning. *August 2002 – November 2007.*** Conducted guest lectures on hazard mitigation, disaster recovery planning, coastal zone management, and environmental planning within the Department of City and Regional Planning. Additional guest lectures included those conducted at Texas A&M University's College of Landscape Architecture and Urban Planning and the Department of Wildlife and Fisheries Sciences; the University of North Carolina, Charlotte, School of Engineering; Chungbuk National University (South Korea), Department of Public Administration; the University of Mississippi, School of Business; the National Science Foundation; and the National Academy of Sciences.

**Program Manager, Planning and Grants Management. Risk and Emergency Management Division. Post, Buckley, Schuh and Jernigan (PBS&J). *December 2002 – October 2005.*** As Program Manager within PBS&J's Risk and Emergency Management Division. Duties included developing client relationships; managing program staff; writing proposals; overseeing the development of state, local, and university hazard mitigation and disaster recovery plans; and providing pre- and post-disaster grants management and policy consultation services to local, state, and national governments. Project management duties included working with FEMA, states, and over 250 counties and municipal governments across the United States to develop hazard mitigation plans that complied with state and federal requirements. During this three-year period, Dr. Smith led hazard mitigation planning teams that won over 85% of all competitive proposals submitted.

**Vice President for Professional Services, Durham Technologies, Inc. *June 2002 – November 2002.*** Assisted states and local governments with local mitigation and disaster recovery planning, hazard identification, risk assessment, natural and man-made loss estimation methodologies, gathering and analyzing data to aid in decision making and policy formulation, grants management technical assistance, and training. Provided mitigation and disaster recovery policy guidance to states and countries in both the pre- and post-disaster environment. This included advising states how to build a post-disaster mitigation and recovery team, the identification of Congressionally appropriated funds above those associated with the Stafford Act, and the provision of specialized assistance to policymakers.

**Assistant Director for Hazard Mitigation, North Carolina Division of Emergency Management. *May 1998 – May 2002.*** Primary tasks focused on the management of all aspects of the Hazard Mitigation Section in the North Carolina Division of Emergency Management. The Mitigation Section was comprised of as many as 50 staff in four branches, including: Grants Management; Risk Assessment, Planning, and Outreach; Floodplain Management; and Legal/Real Estate. Key objectives included the development and implementation of a comprehensive mitigation ethic in North Carolina; the integration of all state mitigation activities; incorporating mitigation into all phases of emergency management; and institutionalizing hazard mitigation practice among homeowners, local governments, regional organizations, state agencies, the private sector, academia, and non-profits.

## **EXPERIENCE (continued)**

Specific tasks included the development of national and state policy regarding the use of disaster recovery funding and mitigation programs, the management of mitigation staff, and the administration of five grant programs that exceeded 800 million dollars. The five primary grant programs administered included the Hazard Mitigation Grant Program (HMGP), Hurricane Floyd Supplemental (Congressional) Appropriation, the Flood Mitigation Assistance Program, the Pre-Disaster Mitigation fund, and the Tenant Relocation fund.

As Assistant Director, Dr. Smith oversaw the acquisition / relocation of over 5,000 homes and the elevation of 500 flood homes respectively. Additional work involved presenting information at national and state conferences and conducting television, radio, and newspaper interviews. Served on several state and national committees that regularly engaged in policy dialogue with state and FEMA officials related to disaster recovery programs and new federal and state initiatives, including the Disaster Mitigation Act of 2000 and N.C. Senate Bill 300 (codifying state recovery programs noted below). Regularly addressed congressional inquiries concerning mitigation-related issues, performed the role of Governor's Authorized Representative on all mitigation issues, assisted the state assess unmet disaster recovery funding needs and briefed the Governor, cabinet officials, and the North Carolina Congressional delegation as required. Developed requests for supplemental Congressional appropriations following major disasters and chaired the State Hazard Mitigation and Long-term Recovery Advisory Group. Dr. Smith served as an advisor to Governor James B. Hunt Jr. on policies and programs associated with long-term recovery in North Carolina. This work led to the development of 22 state programs, which totaled \$836,000,000. The intent of the state recovery programs was to address local needs not met by federal assistance, including the development of the State's nationally recognized floodplain mapping initiative. This state program, the first of its kind in the country, has assumed the federal responsibility to create and disseminate up to date Flood Insurance Rate Maps to local governments, insurance agents, and citizens.

### **State Hazard Mitigation Officer, North Carolina Division of Emergency Management.**

*June 1997 – May 1998.* Developed a comprehensive hazard mitigation program in the Division that was nonexistent prior to 1997. Tasks involved creating new policies and procedures and the oversight of 14 mitigation personnel that were charged with the development and implementation of over 140 Hazard Mitigation Grant Program projects that exceeded \$112,000,000. Created the State Hazard Mitigation Advisory Group, which was responsible for the development and implementation of inter-agency mitigation policy such as community reinvestment following a disaster, sustainable re-development, coordination of state agency funding, and seeking federal disaster assistance that was unavailable through FEMA. Established the North Carolina Hazard Mitigation Planning Initiative, a state-wide hazard mitigation planning effort that ultimately served as a model for the rules promulgated under the Disaster Mitigation Act of 2000 – federal legislation requiring the creation of state and local hazard mitigation plans to remain eligible for pre- and post-disaster federal assistance.

## **EXPERIENCE (continued)**

**Hazard Mitigation Planning Coordinator, North Carolina Division of Emergency Management. *January 1997 – June 1997.*** Oversight of hazard mitigation activities for the State of North Carolina. Managed 8 mitigation personnel, developed mitigation policy, and provided technical assistance to local governments regarding mitigation planning and the administration of the Hazard Mitigation Grant Program. Served as the Division of Emergency

Management Liaison to the Governors Disaster Recovery Task Force. This position involved the critical review of issues facing Emergency Management and other State agencies following Hurricane Fran and writing policy recommendations addressing these concerns. The recommendations were published in the report *North Carolina Disaster Recovery Task Force: Recommendations for Action*. Wrote the *North Carolina Mitigation Strategy Report* which provided mitigation guidance to local governments, the Mitigation Section, and state agencies.

**National Flood Insurance Program Planner. *August 1996 – January 1997.*** Developed new mitigation policies and procedures including the prioritization of over 300 Hazard Mitigation Grant Program applications following Hurricane Fran. Conducted National Flood Insurance Program (NFIP) compliance visits, provided NFIP technical guidance, identified non-participating communities, and conducted a statewide outreach effort to encourage NFIP participation. Performed Preliminary Damage Assessments and aerial reconnaissance as part of the State Emergency Response Team following Hurricane Fran.

**Outreach Coordinator, Haw River Assembly. *January 1996 – June 1996.*** Assisted the Haw River Assembly, a private non-profit environmental group, with community education and public outreach efforts. Tasks centered on the development, implementation, and management of three community-based river festivals, which educates individuals, local governments, state agencies, and businesses about their impact on the Haw River. Work involved supervising the activities of over 75 volunteers; giving presentations to community groups, school children, environmental organizations, and state agencies; managing event logistics; preparing press releases; conducting newspaper interviews; and publicizing Haw River Assembly events.

**Campaign Coordinator, Environmental Federation of North Carolina. *September 1995 – November 1995.*** Developed, promoted, managed, and implemented eight environmental resource fairs across North Carolina that served to improve networking opportunities between North Carolina university faculty, students, staff, and environmental groups that are part of the North Carolina Environmental Federation (EFNC). Specific tasks included managing over 40 volunteers, publicizing events, conducting interviews with local media, writing press releases, garnering volunteer support, increasing EFNC memberships, and disseminating information to member organizations, interested environmental groups, citizens, and state agencies. Completed doctoral dissertation, *The Transformation of Environmental Conflict: A Game Theoretic Approach*, which described how policy dialogue may result in improved decision making and the resolution of multi-party disputes.

## EXPERIENCE (continued)

**Research Associate, Hazard Reduction and Recovery Center, Texas A&M University. *September 1992 – August 1995.*** Worked on two research projects, including a nationwide review of search and rescue activities following disasters and the analysis of the level of cooperation among emergency managers and local land use planners. The first project involved interviewing over 100 survivors of 12 natural and technological disasters that occurred across the United States. Additional interviews were conducted with emergency management officials, police and fire personnel, physicians, and Emergency Medical Technicians. Reports linking the findings to specific policy recommendations were presented to project colleagues and local officials during bi-monthly meetings. The second project involved a study of inter-organizational coordination between local planning departments and local emergency management offices. Tasks included creating a survey instrument, identifying relevant literature, analyzing data, and linking the findings to hypothesized results.

**Research Assistant, Texas State Data Center, Texas A&M University. *January 1991 – September 1992.*** Compiled demographic data and assisted with the creation and editing of reports and journal articles that were used by local, state, and federal agencies to establish policy based on the findings. Assisted local governments with the collection and analysis of demographic data. This information was used to make more informed policy decisions based on population growth projections, planned development, and existing land use. Gathered data, performed calculations, and assisted in the writing of the text, *Applied Demography: An Introduction to Basic Concepts, Methods and Data*. Completed the writing of master's thesis titled: *Growth Machine Theory: A Qualitative Analysis*.

## PUBLICATIONS

### *Journal Articles*

Hovis, M.; Cubbage, F.; Smith, G.; Zuniga-Teran, A.; Varady, R.; Shear, T.; Chizmar, S.; Lupek, M.; Baldwin, M.; Fox, A.; Sand, A.; Potter, T.; Lovejoy, M.; Larick, K.; and B. Evans. 2023. Estimating Landowners' Willingness to Accept Payments for Nature-based Solutions in Eastern North Carolina for Flood Hazard Mitigation Using the Contingent Valuation Method. *Journal of Soil and Water Conservation*. 78 (6): 500-514.

Smith, Gavin and Nguyen, Mai. 2023. Applying the Results of a Resilient Design Education Study in The Field and in the Classroom During Disaster Recovery Operations. *International Journal of Mass Emergencies and Disasters*, 41(1): 150-163. Longitudinal Recovery Research Special Issue. <https://doi.org/10.1177/02807270231173656>.

Campbell, Leah, Schwaller, Nora Louise, Nguyen, Mai Thi, and Smith, Gavin. 2022. Stuck in the Middle: The Challenges of Local Government Administration of Post-Hurricane Buyouts. *International Journal of Mass Emergencies and Disasters*, 40(2): 155-183.

### *Journal Articles (continued)*

- Smith, Gavin and Olivia Vila. 2022. Governors and Hazard Mitigation Grants Management: Observations of State and Local Officials. *Natural Hazards Review*, 34(4): 1-11.
- Vila, Olivia, Smith, Gavin, Cutts, Bethany, Gyawali Samata, Bhattarai Samiksha. 2022. Equity in FEMA Hazard Mitigation Assistance Programs: The Role of State Hazard Mitigation Officers. *Environmental Science and Policy*, 136: 632-641. <https://doi.org/10.1016/j.envsci.2022.07.027>.
- Schwaller, Nora Louise, Campbell Leah, Nguyen, Mai Thi, and Smith Gavin. 2022. (Mis)trusting the Process: How Post-Disaster Home Buyout Processes Can Degrade Public Trust. *Natural Hazards*, 111: 2681–2702. DOI: 10.1007/S11069-021-05153-2.
- Smith, Gavin, Wendy Saunders, Olivia Vila, Samata Gyawali, Samiksha Bhattarai, and Eliza Lawdley. 2021. A Comparative Analysis of Hazard-Prone Housing Acquisition Programs in United States and New Zealand Communities. Special Issue on Managed Retreat and Environmental Justice. *Journal of Environmental Studies and Sciences*, 11(3): 392-403. Perspectives on Managed Retreat: Environmental Justice and Beyond. A.R. Siders and Jola Ajibade, Editors. DOI 10.1007/s13412-021-00689-y.
- Smith, Gavin, Nguyen, Mai. 2021. University-Public Partnerships for Disaster Recovery: Promoting Community Resilience through Research, Teaching, and Engagement. *Journal of Community Engagement and Scholarship*, 14(1): Article 4. Available at: <https://digitalcommons.northgeorgia.edu/jces/vol14/iss1/4>.
- Smith, Gavin, Allison Anderson and David Perkes. 2021. New Urbanism and the H-Transect: Improving the Integration of Disaster Resilience and Design in Coastal Areas. *Landscape Journal*, 40(1): 35-47.
- Smith, Gavin, Olivia Vila. 2020. A National Evaluation of State and Territory Roles in Hazard Mitigation: Building Local Capacity to Implement FEMA Hazard Mitigation Assistance Grants. *Sustainability* 12(10013): 1-18. doi:10.3390/su122310013.
- Horney, Jennifer, Carolina Dwyer, Bhagath Chirra, Kerry McCarthy, Jennifer Shafer and Gavin Smith. 2018. Measuring Successful Disaster Recovery, *International Journal of Mass Emergencies and Disasters* 36(1): 1-22.
- Smith, Gavin, Sabbag, Lea and Rohmer, Ashton. 2018. A Comparative Analysis of the Roles Governors Play in Disaster Recovery, *Risk, Hazards & Crisis in Public Policy*. 9(2): 205-243. doi: 10.1002/rhc3.12133.

*Journal Articles (continued)*

- Smith, Gavin. 2016. Remembrances of the Past, Concerns for the Future, and the Potential Resilience of a Small Coastal Town, *Southern Cultures*. Summer: 64-87.
- Horney, Jennifer, Caroline Dwyer, Meghan Aminto, Phil Berke and Gavin Smith. 2016. Developing Indicators to Measure Post-Disaster Community Recovery, *Disasters* 41(1): 124-149.
- Lyles, Ward, Philip Berke and Gavin Smith. 2015. Local Plan Implementation: Assessing Conformance and Influence of Local Plans in the United States, *Environment and Planning B: Planning and Design*.
- Smith, Gavin. 2014 (Autumn). Involving Land Use Planners in Pre-Event Planning for Post-Disaster Recovery. Planner's Note, *Journal of the American Planning Association*. 80(4): 306-307. Special Issue, Planning for Disaster Recovery.
- Berke, Philip, Ward Lyles, and Gavin Smith. 2014. Impacts of Federal and State Mitigation Policies on Local Land Use Policy, *Journal of Planning Education and Research*. 34(1): 60-76.
- Lyles, Ward, Phil Berke and Gavin Smith. 2014. A Comparison of Local Hazard Mitigation Plan Quality in Six States, USA, *Landscape and Urban Planning* 122 (February): 89-99.
- Lyles, Ward, Phil Berke and Gavin Smith. 2014. Do Planners Matter? Examining Factors Driving Incorporation of Land Use Approaches into Hazard Mitigation Plans, *Journal of Environmental Planning and Management* 57(2):792-811.
- Sandler, Dylan and Gavin Smith. 2013. Assessing the Quality of State Disaster Recovery Plans: Implications for Policy and Practice, *Journal of Emergency Management* 11(4):281-291.
- Smith, Gavin, Ward Lyles, Philip Berke. 2013. The Role of the State in Building Local Capacity and Commitment for Hazard Mitigation Planning, *International Journal of Mass Emergencies and Disasters* 31(2): 178-203.
- Smith, Gavin, Dylan Sandler and Mikey Goralnik. 2013. Assessing State Policy Linking Disaster Recovery, Smart Growth and Resilience in Vermont Following Tropical Storm Irene, *Vermont Journal of Environmental Law* 15: 67-102.
- Berke, Philip, Gavin Smith, Ward Lyles. 2012. Planning for Resiliency: Evaluation of State Hazard Mitigation Plans Under the Disaster Mitigation Act, *Natural Hazards Review* 13(2): 139-150.

### ***Journal Articles (continued)***

- Smith, Gavin and Tom Birkland. 2012. Building a Theory of Recovery: Institutional Dimensions. Special Edition on Developing a Theory of Disaster Recovery. *International Journal of Mass Emergencies and Disasters* 30(2): 147-170.
- Smith, Gavin. 2010. Disaster Recovery Planning in the United States: Lessons for the Australasian Audience *Australasian Journal of Disaster and Trauma Studies*. Natural Hazards Planning in Australasia. ISSN: 1174-4707, Volume 2010-1.

### ***Journal Articles (submitted for review or under development)***

- Vila Olivia, Smith Gavin, Galik Christopher, McGovern Shannon, Henkel Claire, Bhattarai Samiksha. Factors Contributing to Innovation in U.S. Housing Acquisition (Buyout) Programs. *Journal of Environmental Policy and Planning* (under final revision).
- Smith, Gavin. The Role of Design in Disaster Recovery, Six Cases: Lessons and Missed Opportunities to Advance Resilient Policy Outcomes.

### ***Books***

- Glavovic, Bruce and Gavin Smith. 2014. *Adapting to Climate Change: Lessons from Natural Hazards Planning*. New York: Springer.
- Smith, Gavin. 2011. *Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework*. Washington, D.C.: Island Press.

### ***Book Chapters***

- Jae Park and Gavin Smith. 2025. Analyzing Flood Mitigation Investments and Disaster Recovery: Case Study of Hurricane Floyd / Matthew in NC. PP. 167-189. In *America's Flooding Problem: Research and Innovation in Risk, Insurance, and Resilience*. David Alexander, ed. Madison Wisconsin: Association of State Floodplain Manager's.
- Smith, Gavin and Wendy Saunders. 2022. A Comparative Review of Hazard-Prone Housing Acquisition Laws, Policies and Programs in the United States and Aotearoa New Zealand: Implications for Improved Practice. Chapter 15, pp. 250-269. In *The Cambridge Handbook of Disaster Law and Policy*. Susan Kuo, John Travis Marshall, and Ryan M. Rowberry eds. Cambridge Press.
- Smith, Gavin. "The Role of States in Disaster Recovery: An Analysis of Engagement, Collaboration, and Capacity Building." 2019. Chapter 22, pp. 352-377. In *Building Community Resilience to Disasters: The Handbook of Planning for Disaster Resilience*, Routledge Press.

***Book Chapters (continued)***

- Smith, Gavin, Amanda Martin and Dennis Wenger. “Disaster Recovery in an Era of Climate Change: The Unrealized Promise of Institutional Resilience.” 2018. Chapter 28, pp. 595-619. In *Handbook of Disaster Research*, Second Edition, Eds. Havidan Rodriguez, Joseph Trainor and William Donner. New York: Springer.
- Smith, Gavin. “Pre- and Post-Disaster Conditions, their Implications, and the Role of Planning for Housing Recovery.” 2017. Chapter 18, pp. 277-292. In *Coming Home After Disaster: Multiple Dimensions of Housing Recovery*, Eds. Ann-Margaret Esnard and Alka Sapat. Boca Raton, Florida” CRC Press.
- Smith, Gavin. “Planning for Sustainable and Disaster Resilient Communities.” 2015. Chapter 9, pp. 249-279. In *Hazards Analysis: Reducing the Impact of Disasters*, Ed. John Pine (2nd edition). Boca Raton, Florida: CRC Press.
- Smith, Gavin. “Creating Disaster Resilient Communities: A New Hazards Risk Management Framework.” 2015. Chapter 10, pp. 281-308. In *Hazards Analysis: Reducing the Impact of Disasters*, Ed. John Pine. (2nd edition). Boca Raton, Florida: CRC Press.
- Smith, Gavin. “Applying Hurricane Recovery Lessons in the U.S. to Climate Change Adaptation: Hurricanes Fran and Floyd in North Carolina, USA.” 2014. Chapter 9, pp. 193-229. In *Adapting to Climate Change: Lessons from Natural Hazards Planning*, Eds. Bruce Glavovic and Gavin Smith. New York: Springer.
- Bruce Glavovic and Gavin Smith. “Introduction: Learning from Natural Hazards Experience to Adapt to Climate Change.” 2014. Chapter 1, pp. 1-38. In *Adapting to Climate Change: Lessons from Natural Hazards Planning*, Eds. Bruce Glavovic and Gavin Smith. New York: Springer.
- Smith, Gavin. “Disaster Recovery in Coastal Mississippi (USA): Lesson Drawing from Hurricanes Camille and Katrina.” 2014. Chapter 14, pp. 339-368. In *Adapting to Climate Change: Lessons from Natural Hazards Planning*, Eds. Bruce Glavovic and Gavin Smith. New York: Springer.
- Smith, Gavin and Bruce Glavovic. “Conclusions, Recommendations, and Next Steps: Integrating Planning for Natural Hazards and Climate Change Adaptation.” 2014. Chapter 16, pp. 405-450. In *Adapting to Climate Change: Lessons from Natural Hazards Planning*, Eds. Bruce Glavovic and Gavin Smith. New York: Springer.
- Smith, Gavin. “Catastrophic Disaster Recovery: An Institutional Network Perspective.” 2013. Chapter 12, pp. 281-300. In *Preparedness and Response to Catastrophic Disasters*, Ed. Richard A. Bissell. Boca Raton, Florida: CRC Press.

### ***Book Chapters (continued)***

- Smith, Gavin. 2009. "Planning for Sustainable and Disaster Resilient Communities." Chapter 9, pp. 221-247. In *Natural Hazards Analysis: Reducing the Impact of Disasters*, Ed. John Pine. Boca Raton, Florida: CRC Press.
- Smith, Gavin. 2009. "Disaster Resilient Communities: A New Hazards Risk Management Framework." Chapter 10, pp. 249-267. In *Natural Hazards Analysis: Reducing the Impact of Disasters*, Ed. John Pine. Boca Raton, Florida: CRC Press.
- Smith, Gavin. 2009. "A Review of the United States Disaster Assistance Framework: Planning for Recovery." Chapter 7, pp. 99-111. In *Emergency Management in Higher Education: Current Practices and Conversations*, Ed. Jessica Hubbard. Fairfax, Virginia: Public Entity Risk Institute.
- Smith, Gavin. 2009. "Recovery and Reconstruction." Session 10, pp. 1-32. In *Catastrophe Readiness and Response*, Ed. Richard Bissell. Emmitsburg, Maryland: FEMA Emergency Management Institute, Higher Education Project. Accessed at: <http://training.fema.gov/EMIWeb/edu/catastrophe.asp>.
- Berke, Phil and Gavin Smith. 2009. "Hazard Mitigation, Planning and Disaster Resiliency: Challenges and Strategic Choices for the 21<sup>st</sup> Century." Chapter 1, pp. 1-20. *Building Safer Communities: Risk, Governance, Spatial Planning and Responses to Natural Hazards*, Ed. Urbano Fra Paleo. NATO Science for Peace and Security Series, E, Human and Societal Dynamics, Volume 58. Amsterdam: ISO Press.
- Smith, Gavin and Dennis Wenger. 2006. "Sustainable Disaster Recovery: Operationalizing an Existing Agenda." Chapter 14, pp. 234-257. In *Handbook of Disaster Research*, Eds. Havidan Rodriguez, E.L. Quarantelli and Russell R. Dynes. New York: Springer.

### ***Book Chapters under development***

- Smith, Gavin. Federal Disinvestment and Devolution of Responsibility: Implications and Opportunities to Advance Institutional Resilience. In *Handbook of Disaster Research Third Edition*, Eds. Havidan Rodriguez, Joseph Trainor and William Donner. New York: Springer.
- Mitigation Matters: Reducing the Impacts of Disasters. Chapter 8. In the Third Assessment of Natural Hazards in the United States. Philadelphia, Pennsylvania: University of Pennsylvania Press.

## ***Book Reviews***

Smith, Gavin. Book Review. Structures of Coastal Resilience. *Journal of Urban Affairs*.  
Published online June 11, 2019. <https://doi.org/10.1080/07352166.2019.1614412>.

## **JOURNAL EDITOR, RESEARCH DOCUMENTS, TECHNICAL REPORTS, EDITORIALS, VIDEOS, and DISSERTATION**

### ***Journal Editor***

*Sustainability*. Editorial Board, Topic Editor. 2020-

*Carolina Planning Journal*. February 2017. Special Edition: Disaster Resilience. University of  
North Carolina Department of City and Regional Planning.

### ***Research Documents***

Barnes, J., Sempier, T., Atoba, K., Belkin, G., Butler, D., Colten, C., Curtis, K., Festing, H.,  
Goldman, L., Ristroph, B., Ross, C., Smith, G., Snider, N., and Tobin, C. National  
Academies of Sciences, Engineering, and Medicine. 2024. Community-Driven  
Relocation: Recommendations for the U.S. Gulf Coast and Beyond. Washington, DC:  
The National Academies Press. <https://doi.org/10.17226/27213>.

Hoffman, J.S., S.G. McNulty, C. Brown, K.D. Dello, P.N. Knox, A. Lascurain, C. Mickalonis,  
G.T. Mitchum, L. Rivers III, M. Schaefer, G.P. Smith, J.S. Camp, and K.M. Wood, 2023:  
Ch. 22. Southeast. In: Fifth National Climate Assessment. Crimmins, A.R., C.W. Avery,  
D.R. Easterling, K.E. Kunkel, B.C. Stewart, and T.K. Maycock, Eds. U.S. Global Change  
Research Program, Washington, DC, USA. <https://doi.org/10.7930/NCA5.2023.CH22>.

Vila, O., Smith, G., Galik C., Henkel, N., Bhattarai, S., and Gyawali, S. 2021. “Interview Guide  
in Policy Innovation in Local Housing Acquisition (Buyout) Programs.” Special Call for  
Weather-Ready Research: Instrument and Data Publication. NSF-CONVERGE.  
DesignSafe-CI. <https://doi.org/10.17603/ds2-en7t-5t68>.

Smith, G., Vila, O., Caverly, G. 2020. “A National Evaluation of State Roles in Hazard  
Mitigation: Building Local Capacity to Implement FEMA Hazard Mitigation Assistance  
Grants.” NSF-CONVERGE. DesignSafe-CI. <https://doi.org/10.17603/ds2-sjbv-eg87>.

### ***Technical Reports and Training Guides***

- Smith, Gavin. 2026. *Putting Coastal Hazards Overlay Districts on the Map*. Zoning Practice. Chicago, Illinois: American Planning Association.
- Smith, Gavin, Vann, Christopher, Black, Abigail, Lu, Yanhua, Turner, Kathryn, Stallings, Kelby, Briley, Lauren, Weaver, Noah. 2025. *Creating More Resilient Historic Properties and Landscapes Training Guide*. North Carolina Department of Natural and Cultural Resources, 320pp.
- Smith, Gavin, Saunders, Wendy, Beattie, Lee, Chuang, I-Ting, Wingate, Brae, Von, Leslie, Li, Zeqing, Shen, Danjie. 2025. *A Comparative Study of Community-Led Relocation in the United States and New Zealand: Lessons from the Buyout of Hazard-Prone Properties*. Raleigh, North Carolina: North Carolina State University, 146 pp.
- Smith, G., Anderson, A., Perkes, D., Anderson, R., Biswas, C., Nichols, C., Stallings, K., DeWitt, G., Duckworth, D., Faulk, B., and Lambert, M. 2025. *Coastal Hazards Overlay District Guide: Creating More Resilient Communities*. Raleigh, North Carolina: North Carolina State University, 229 pp.
- Gavin Smith, Celen Pasalar, Jae Park, Yanhua Lu, Kelby Stallings, Yui Omori, Lauren Briley, Rebecca Ward. 2024. *University Direct Technical Assistance Report*. Raleigh, North Carolina: North Carolina State University, 236 pp.
- Assisted Relocations: A Community-Centered Approach. Discussion paper prepared by Suncorp Group and Natural Hazards Research Australia. 2023. Natural Hazards Research Australia.
- National Academies of Sciences, Engineering, and Medicine. 2023. Assisted Resettlement and Community Viability on Louisiana's Gulf Coast: Proceedings of a Workshop. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26774>. (advisory committee member).
- National Academies of Sciences, Engineering, and Medicine. 2022. *Environmental Challenges and Prospects for Community Relocation in Houston and Port Arthur, Texas: Proceedings of a Workshop*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26701> (advisory committee member).
- National Academies of Sciences, Engineering, and Medicine. 2022. *Relocation and Other Climate Adaptations on Florida's Gulf Coast: Proceedings of a Workshop—in Brief*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26736> (advisory committee member).

***Technical Reports and Training Guides (continued)***

- Innovating to Make Home Buyouts Faster, Easier, and Fairer: Key Learnings from Workshops with Buyout Managers from Across the United States. 2022. Washington, D.C.: Natural Resources Defense Council (advisory committee member and co-author).
- Gavin Smith, Andy Fox, Travis Klondike, Abigail Black, Claire Henkel, Brian Vaughn, Chitali Biswas, Samata Gyawali, Samiksha Bhattarhai. February 2023. *Open Space Management Guide: Building Community Capacity to Program FEMA-Funded Housing Buyout Land*. Raleigh, North Carolina: North Carolina State University.
- Vila, Olivia, Gavin Smith and Samata Gyawali. January 2021. *Capacity to Implement FEMA HMA Grants: SHMO Survey Report*. Raleigh, North Carolina: North Carolina State University.
- Saunders, W.S.A, and G. Smith. 2020. *Spend to Save: Investigating the Property Acquisition Process for Risk Reduction in Aotearoa New Zealand*. Lower Hutt (NZ): GNS Science. (GNS Science report; 2020/23). doi:10.21420/6GR9-EE44.
- Smith, Gavin. April 2020. *Best Practices and Lessons (Learned and Not Learned) in the United States Regarding the Role of States in Fostering Disaster Resilience at the Local Level through Program Design and Implementation*. Report for the Queensland Reconstruction Authority and the Regional Resilience Strategies (Statewide Rollout) Project. Brisbane, Australia: Queensland Reconstruction Authority.
- Smith, Gavin, Mai Thi Nguyen, Colleen Durfee, Darien Williams, Ashton Rohmer. September, 2018. *Resilient Design Education in the United States*. Chapel Hill, North Carolina: Department of Homeland Security Coastal Resilience Center of Excellence.
- Smith, Gavin, Barry Hokanson, Link Walther, Jessica Southwell. 2017. *Hurricane Matthew Disaster Recovery and Resilience Initiative. A Project of the North Carolina Policy Collaboratory*. Chapel Hill, North Carolina: Hurricane Matthew Recovery and Resilience Initiative.
- Smith, Gavin, Lea Sabbag, Ashton Rohmer. *Role of States in Recovery Video Training Guide*. March, 2016. Chapel Hill, North Carolina: Department of Homeland Security, Coastal Resilience Center of Excellence.
- Horney, Jennifer and Gavin Smith. September 2015. *Measuring Successful Recovery: A Case Study of Six Communities in Texas*. Tysons, Virginia: LMI Research Institute.

***Technical Reports and Training Guides (continued)***

- Tuckson, Reed V., et. al., 2015. *Healthy, Resilient, and Sustainable Communities After Disasters: Strategies, Opportunities, and Planning for Recovery*. Washington, D.C.: National Academies Press (consultant).
- Smith, Gavin. *Disaster Recovery Funding: Achieving a Resilient Future?* National Academy of Science, Institute of Medicine. June 2014. National Academy of Science, Committee on Post-Disaster Recovery of a Community's Public Health, Medical and Social Services.
- Smith, Gavin, David Perkes, Andy Rumbach, Darrin Punchard. September 2014. *Living with the Saint Vrain. Lyons, Colorado: Designing a More Resilient Future*. Community Planning Assistance Team Report. Chicago, Illinois: American Planning Association.
- Smith, Gavin, John Whitehead, Nikhil Kaza, Jae Park, John Pine, Randy Kolar. December, 2013. *Aggregate Flood Hazard Risk Reduction Scoping Project*. Chapel Hill, North Carolina: Department of Homeland Security Coastal Hazards Center of Excellence.
- Smith, Gavin, Dylan Sandler, Mikey Goralnik. October 2013. *Vermont State Agency Policy Options. Smart Growth Implementation Assistance Program: Disaster Recovery and Long-Term Resilience Planning in Vermont*. Chapel Hill, North Carolina: Department of Homeland Security Coastal Hazards Center of Excellence.
- Smith, Gavin and Dylan Sandler. July 2012. *State Disaster Recovery Guide*. Chapel Hill, North Carolina: Department of Homeland Security Coastal Hazards Center of Excellence.
- Lyles, Ward, Philip Berke and Gavin Smith. July 2012. *Evaluation of Local Hazard Mitigation Plan Quality*. Center for Sustainable Community Design and the Coastal Hazards Center. Chapel Hill, North Carolina: University of North Carolina at Chapel Hill.
- Burkett, V.R. and Davidson, M.A. 2012. *Coastal Impacts, Adaptation, and Vulnerability: A Technical Input to the 2012 National Climate Assessment. Cooperative Report to the 2013 National Climate Assessment*. Contributing author. Washington, D.C.: Island Press.
- Berke, Philip, Gavin Smith and Sara Reynolds. 2011. *Community Rating System: Plan Evaluation & Model Practices*. Federal Emergency Management Agency. Chapel Hill, North Carolina: Department of Homeland Security Coastal Hazard Center of Excellence.
- Berke, Philip, Gavin Smith, Dave Salvesen, Ward Lyles, and Dylan Sandler. December 2011. *An Evaluation of Floodplain Management Planning Under the Community Rating System*. Final Report for the Federal Emergency Management Agency. Chapel Hill, North Carolina: Department of Homeland Security Coastal Hazard Center of Excellence.

***Technical Reports and Training Guides (continued)***

Smith, Gavin and Victor Flatt. 2011. *Assessing the Disaster Recovery Planning Capacity of the State of North Carolina*. Research Brief. Durham, North Carolina. Institute for Homeland Security Solutions.

Berke, Philip, Gavin Smith, and Ward Lyles. August 2009. *State Hazard Mitigation Plan Evaluation and Model Practices. Analysis of Federal Mitigation Policy in the U.S.: Mitigation Plans, Expenditures, Civic Engagement, and Local Capability*. Report to the Department of Homeland Security Center of Excellence – Disasters, Coastal Infrastructure and Emergency Management, University of North Carolina at Chapel Hill, Chapel Hill, NC.

*Mississippi Alternative Housing Program: A Chronological Analysis*. 2007. Mississippi Emergency Management Agency (contributing author).

*One Year After Katrina: Progress Report on Recovery, Rebuilding and Renewal*. August 2006. Office of Governor Haley Barbour (contributing author).

*After Katrina: Building Back Better than Ever*. December 2006. Governor's Commission on Recovery, Rebuilding and Renewal (contributing author).

Smith, Gavin. 2004. *Holistic Disaster Recovery: Creating a More Sustainable Future*. Emergency Management Institute, Higher Education Project.

Smith, Gavin. 2002. *The 21<sup>st</sup> Century Emergency Manager*. Emmitsburg, Maryland: FEMA Emergency Management Institute, Higher Education Project.

*Proposal for Institute of Disaster Studies to North Carolina Disaster Response and Recovery Commission*. 2001. Office of the President, University of North Carolina (contributing author).

*Research in Support of Hazard Mitigation: Science in Service of Society. Symposium Proceedings*. 2000. North Carolina Department of Crime Control and Public Safety, Division of Emergency Management (Contributing author).

*North Carolina Disaster Recovery Task Force: Recommendations for Action. Progress Report*. September 1997. Office of the Lieutenant Governor, State of North Carolina (contributing author).

*Hurricane Fran Mitigation Strategy Report*. 1997. State of North Carolina. Division of Emergency Management (primary author).

*North Carolina Disaster Recovery Task Force: Recommendations for Action*. February 1997. Office of the Lieutenant Governor, State of North Carolina (contributing author).

### ***Editorials and Commentary***

Smith, Gavin. *Hurricane Sandy Makes an Entrance*. Natural Hazards Observer. Invited Comment. Vol. XXXVIII, No. 3. January 2013. Boulder, Colorado: Natural Hazards Center.

Smith, Gavin. *Before Disaster Strikes*. Editorial. Raleigh News and Observer. September 16, 2011.

Galik, Christopher and Smith, Gavin. *Climate Change and the Challenge of Community Relocation*. North Carolina State University Research and Innovation News. August 25, 2020.

### ***Videos***

Smith, Gavin. March 2016. *Role of States in Disaster Recovery Video*. Produced by Horizon Video Productions, Durham North Carolina.

### ***Dissertation***

Smith, Gavin. 1996. *The Transformation of Environmental Conflict: A Game Theoretic Approach*. Doctoral Dissertation. Department of Landscape Architecture and Urban Planning. College Station, Texas. Texas A&M University.

### ***Book Jacket Reviews***

Jonathan Barnett and Matthijs Bouw. 2022. *Managing the Climate Crisis: Designing and Building for Floods, Heat, Drought, and Wildfire*. Washington, D.C.: Island Press.

Amanda D. Concha-Holmes and Anthony Oliver-Smith. 2019. *Disasters in Paradise: Natural Hazards, Social Vulnerability, and Development Decisions*. Lanham, Maryland: Rowman & Littlefield Publishing Group.

Rubin, Claire. 2019. *Emergency Management: The American Experience*. 3<sup>rd</sup> edition. Boca Raton, Florida: Taylor and Francis.

Ross, Ashley D. 2014. *Local Disaster Resilience: Administrative and Political Perspectives*. New York: Routledge.

Masterson, Jaimie Hicks, Walter Gillis Peacock, Shannon S. Van Zandt, Himanshu Grover, Lori Field Schwarz, and John T. Cooper Jr. 2014. *Planning for Community Resilience: A Handbook for Reducing Vulnerability to Disasters*. Washington, D.C.: Island Press.

## REVIEW OF PUBLICATIONS/TECHNICAL DOCUMENTS

*State of Maine: Infrastructure Rebuilding and Resilience Commission. Interim Report.* State of Maine. November 2024.

*The Role of States in Flood Planning: Assessing Current State Flood Adaptation and Mitigation Planning.* 2021. Burnstein, Eric Tjon and Rogin, Amy. Washington, D.C.: The Urban Institute.

*Guidance for Disaster Recovery Preparedness in Hawaii.* 2019. Courtney, C. A, Gelino, K., Romine, B.M., Hintzen, K.D., Addonizio-Blanco, C., Owens, T.M., Lander, M., and Buika, J. 2019. University of Hawaii Sea Grant Program and State of Hawaii Department of Land and Natural Resources and Office of Planning.

*Building Resilient States: A Framework for Agencies.* Smart Growth America and the Governor's Institute. October 2015. Washington, D.C.: Smart Growth America.

*Pre-Disaster Planning Guidance for States, Tribes, and Territories.* 2014. Federal Emergency Management Agency. National Disaster Recovery Planning Division.

*Planning for Community Resilience: A Handbook for Reducing Vulnerability to Disasters.* 2014. Masterson, Jaimie Hicks, Walter Gillis Peacock, Shannon S. Van Zandt, Himanshu Grover, Lori Feild Schwarz, and John T. Cooper Jr. Washington, D.C.: Island Press.

*Floodplain Management Policy and Program Investigation: Impacts and Barriers to Federal Programs in Achieving the Goals of Floodplain Management.* 2012. Federal Interagency Floodplain Management Task Force.

*Hazard Mitigation and Preparedness.* 2007. Anna Schwab, Katherine Eschelbach, and David Brower. Hoboken, New Jersey: John Wiley and Sons.

FEMA Emergency Management Institute, Higher Education Project course *Coastal Hazards Management.* 2005. David Brower and Anna Schwab.

*National Science Foundation Emergency Management Curriculum Project.* 2003. Washington, D.C.: National Science Foundation.

*Tools and Techniques: An Encyclopedia of Strategies to Mitigate the Impacts of Natural Hazards.* 2002. North Carolina Division of Emergency Management and the Hazard Mitigation Planning Clinic, Department of City and Regional Planning, The University of North Carolina at Chapel Hill.

## REVIEW OF PUBLICATIONS/TECHNICAL DOCUMENTS (continued)

*Multi-Hazard Mitigation Council, Committee on Assessment of Future Savings from Mitigation Activities.* Technical Advisor. 2002. Identification of available data, review of study methods and research approach.

*Keeping Natural Hazards from Becoming Disasters: A Mitigation Planning Guidebook for Local Governments.* 2001. North Carolina Division of Emergency Management and the Hazard Mitigation Planning Clinic, Department of City and Regional Planning, The University of North Carolina at Chapel Hill.

*Hazard Mitigation in North Carolina: Measuring Success.* 2001. North Carolina Division of Emergency Management and the Federal Emergency Management Agency.

*Guiding Principles for the Quality Redevelopment of Eastern North Carolina* (video). 2001. North Carolina Division of Emergency Management and the Hazard Mitigation Planning Clinic, Department of City and Regional Planning, The University of North Carolina at Chapel Hill.

*Steering Barrier Island Communities Toward a More Sustainable Future.* 2001. North Carolina Division of Emergency Management and the Hazard Mitigation Planning Clinic, Department of City and Regional Planning, The University of North Carolina at Chapel Hill.

*A Governor's Guide to Emergency Management. Volume One: Natural Disasters.* 2001. Washington, D.C.: National Governors Association.

*Managing Your Business to Minimize Disruption: A Guide for Small Businesses in North Carolina.* 2001. North Carolina Division of Emergency Management.

*Managing Your Farm to Minimize Disruption from Natural Disasters.* 2001. North Carolina Division of Emergency Management.

*Disaster Mitigation Act of 2000 Enabling Rules.* 2001. Federal Emergency Management Agency.

*Keeping Natural Hazards from Becoming Disasters: A Basic Workbook for Local Governments.* 2000. North Carolina Division of Emergency Management and the Hazard Mitigation Planning Clinic, Department of City and Regional Planning, The University of North Carolina at Chapel Hill.

*Hazard Mitigation Success in the State of North Carolina.* 1999. Department of Crime Control and Public Safety.

## **REVIEW OF PUBLICATIONS/TECHNICAL DOCUMENTS (continued)**

*Tools and Techniques: Putting a Hazard Mitigation Plan to Work*. 1998. North Carolina Division of Emergency Management and the Hazard Mitigation Planning Clinic, Department of City and Regional Planning, The University of North Carolina at Chapel Hill.

Murdock, Steve and David R. Ellis. 1991. *Applied Demography: An Introduction to Basic Concepts, Methods and Data*. Boulder, Colorado: Westview Press.

Peer Reviewer of FEMA How-to-Guides for mitigation planning. Documents include:

*Getting Started: Building: Building Support for Mitigation Planning* (FEMA 386-1).

*Understanding Your Risks: Identifying Hazards and Estimating Losses* (FEMA 386-2).

*Developing the Mitigation Plan: Identifying Mitigation Actions and Implementation Strategies* (FEMA 386-3).

Peer Reviewer of FEMA How-to-Guides for mitigation planning. Documents include:

*Bringing the Plan to Life: Implementing the Hazard Mitigation Plan* (FEMA 386-4).

*Integrating Historic Property and Cultural Resource Considerations into Hazard Mitigation Planning* (FEMA 386-6).

Peer Reviewer of FEMA Sustainability Guides. Documents include:

*Planning for a Sustainable Future: The Link Between Hazard Mitigation and Livability* (FEMA 364).

*Rebuilding a More Sustainable Future: An Operational Framework*. (FEMA 365).

## **CERTIFICATIONS**

American Institute of Certified Planners. American Planning Association. Chicago, Illinois. 2002 to present. Fellow of the American Institute of Certified Planners. 2024 to present.

Group and Meeting Facilitator. Orange County Dispute Settlement Center (40-hour course). June 1996.

Certified Mediator. A.A. White Dispute Resolution Institute (40-hour course). University of Houston, College of Business Administration. April 1995.

## **MEDIA CORRESPONDENCE**

### **Radio**

ABC Radio Western Australia Mornings. “Planning for Community-Led Relocation in an Era of Climate Change: Lessons from Research and Practice.” Perth, Australia. August 27, 2025.

Institute of Fire Engineers Podcast. “Community-Led Relocation.” Perth, Australia. August 28, 2025.

Baltimore National Public Radio. WYPR. “Maryland Could Lose Millions from Cancelled FEMA Program.” April 20, 2025.

National Public Radio. Weekend Edition Sunday. “A Volunteer Recovery effort is Underway to Reach Isolated Communities in North Carolina.” October 6, 2024.

National Public Radio, Marketplace, “Disaster Recovery Preparedness.” June 2019.

SiriusXM – Politics of The United States (P.O.T.U.S.). The Big Picture, Hosted by Oliver Knox. “Coastal Resilience.” January 31, 2019.

Charlotte Talks. “Hurricane Matthew Recovery.” June 21, 2018.

National Public Radio, Marketplace, “After shelters, some Harvey victims will move to vacant Houston apartments.” August 31, 2017.

North Carolina Public Radio, WUNC – “Have we been overestimating flood risk on the outer banks?” April 11, 2017.

North Carolina Public Radio, WUNC – “Princeville works to save homes and history one year after Hurricane Matthew.” October 6, 2017.

North Carolina Public Radio, WUNC – “Some N.C. towns struggle to survive a year after Matthew.” October 4, 2017.

North Carolina Public Radio, WUNC – “Princeville steps up recovery efforts after Hurricane Matthew. July 20, 2017.

Southern California Public Radio, KPCC Air Talk – In the wake of Harvey and Irma, how money moves through government and into aid relief.” September 7, 2017.

North Carolina Public Radio, WUNC The State of Things – “Some NC towns struggle after Matthew.” October 4, 2017.

## **Radio (continued)**

British Broadcasting Corporation, World Service – “Seeking refuge in Houston.” September 10, 2017.

WNCU, North Carolina Central University – The Measure of Everyday Life. “Hazard Mitigation.” December 7, 2016.

WCOM, Chapel Hill, North Carolina – “Art, communication, and disaster relief.” December 2015.

Diane Rehm Show, WAMU – “Environmental Outlook: Extreme Weather.” September 7, 2010.

Mississippi Public Radio – Hurricane Katrina and Governor’s Recovery Expo. March 14, 2006.

## **Newsprint and Magazines**

Sun Magazine. Disaster Risk Reduction, Recovery and Climate Change Adaptation. Article in process.

WLOS. ABC News, Asheville, North Carolina. “Expert Critiques FEMA's Bureaucratic Slowdown Amid Western NC's Helene Recovery Efforts.” September 9, 2025.

Coastal Review. “Oak Island Residents Say Oceanfront Lots Unsited for Homes.” June 16, 2025.

USA Today. “The Impact of NOAA and FEMA Cuts will have on Hurricane Storm Response.” May 31, 2025.

Christian Science Monitor. “Trump, Musk want to Curb FEMA. It’s North Carolina Response Says Volumes” February 12, 2025.

Ashville Citizen Times. “Old Fort Residents Recover from Helene: No Neighbor Left Behind come Hell or High Water.” October 29, 2024.

North State Journal. “Many Voters in NC Have Bigger Problems than Politics.” October 11, 2024.

Associated Press. WFMYNews2.com. “Voters in North Carolina and Georgia have Bigger Problems than Politics. Helene Changed Everything.” October 6, 2024.

WFAE, Charlotte’s NPR News Source. “When Organizing Aid, Avoid Convergence.” October 4, 2024.

## **Newsprint and Magazines (continued)**

Designlife. NC State College of Design. “Designing a Resilient Tomorrow.” Spring 2024.

Washington Post. “America’s Oldest Black Town is Threatened by Floods – And is Seeking a Plan B.” January 28, 2024.

Governing. “A Year After Hurricane Ian: A Community Finds Out Just How Hard it is to Rebuild.” September 29, 2023.

WHQR Public Media. “This is our Life: Homeowners Still in Limbo over Four Years After Hurricane Florence.” February 9, 2023.

The Straits Times. “Why More Americans are Flocking to Florida, Even as Hurricanes Intensifies.” October 9, 2022.

France 24. “Why More Americans are Flocking to Florida, Even as Hurricanes Intensify?” October 9, 2022.

RFI. “U.S. Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 9, 2022.

Phys.org. “U.S. Hurricane Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 9, 2022.

India Times. “Why More Americans are Flocking to Florida, Even as Hurricanes Intensify.” October 9, 2022.

Japan Times. “Why More Americans are Flocking to Florida, even as Hurricanes Intensify?” October 9, 2022.

Hindustan Times. “Why are More Americans Flocking to Florida, Even as Hurricanes Intensify?” October 9, 2022.

UK Prime News. “U.S. Hurricane Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 9, 2022.

What’s News 2 Day. “U.S. Hurricane Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 9, 2022.

Georgiannewstime.com. U.S. Hurricane Rebuilding Rules Must Adapt to ‘Climate Change Era.’” October 9, 2022.

Macau Business. Why More Americans are Flocking to Florida, Even as Hurricanes Intensify. October 9, 2022.

## **Newsprint and Magazines (continued)**

Barrons. U.S. Hurricane Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 8, 2022.

Yahoo News. “U.S. Hurricane Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 8, 2022.

World Times Today. “U.S. Hurricane Rebuilding Rules Must Adapt to ‘Era of Climate Change.’” October 8, 2022.

Local News Today. “U.S. Hurricane Recovery Rules Must Adapt to ‘Climate Change Era.’” October 8, 2022.

Christian Science Monitor. “After Hurricane Ian, Floods Leave a Deep Insurance Gap.” October 5, 2022.

Washington Post. “More Americans are Moving into Hurricane Zones Even as Climate Risks Mount.” October 2, 2022.

Bloomberg. “FEMA Knows About Trying to Build Back Better Infrastructure.” March 29, 2021.

Victoria, Texas Advocate. “City, county push forward with post-Harvey flood buyout programs.” September 21, 2020.

E&E News – “Why the U.S. Disaster Agency isn’t Ready for Catastrophes.” August 19, 2019.

Wall Street Journal – “What Happens When a Family Loses Everything. Follow a North Carolina Family’s Rescue from Hurricane Florence and their Long Journey Back Home.” December 31, 2018 (video).

New York Times – “As Storms Keep Coming, FEMA Spends Billions in ‘Cycle’ of Damage and Repair.” October 8, 2018.

Engineering News-Record – “North Carolina Learns More Lessons From Latest Storm.” October 3, 2018.

New York Times – “North Carolina Town May Never Fully Recover From Double Whammy of Storms.” October 2, 2018.

Engineering News-Record – “The Carolinas Survey Florence Damages.” September 26, 2018.

## **Newsprint and Magazines (continued)**

U.S. News and World Report – “Hurricane raises questions about rebuilding along North Carolina’s coast.” September 20, 2018.

Medium – “The life-or-death science of evacuation psychology.” September 14, 2018.

New York Times – “Facing Florence, some North Carolinians still recovering from previous storms.” September 13, 2018.

FiveThirtyEight – “We aren’t ready for hurricanes like Florence.” September 13, 2018.

Bloomberg – “Hurricane Florence drives some residents to give up on this disaster-prone town.” September 12, 2018.

The Guardian – “Experts say it could take Houston years to fully recover from Harvey.” August 29, 2017.

Raleigh, North Carolina News and Observer – “After two floods, historic African-American town could move to higher ground.” September 29, 2017.

New York Times – “A storm forces Houston, the limitless city to consider its limits.” August 31, 2017.

La Nacion, Buenos Aires, Argentina – “Harvey breaks record of rainfall and worsens disaster.” August 31, 2017.

Raleigh, North Carolina News and Observer – “Some entire towns may become vacant memorials to Matthew.” April 21, 2017.

Coastwatch. Winter 2017. North Carolina Sea Grant. “CURRENTS: Identifying Innovative Recovery Strategies.”

Climate Wire/E&E Publishing – “Adaptation: Can a town that has defied history survive climate change?” September 28, 2016.

American Institute for Economic Research – “Hurricane Harvey damages set to break Katrina record.” September 12, 2017.

Next City – “In this N.C. town, a model for rebuilding is taking shape.” September 21, 2017.

The Daily News Jacksonville/Star-News. “How should Kinston solve its major flooding?” April 6, 2017.

## **Newsprint and Magazines (continued)**

Coastal Review Online. “Past hurricanes have led to tighter rules.” December 9, 2016.

Climate Wire/Scientific American – “Extreme floods may be the new normal.” August 18, 2016.

The Philippine Star. “Designing disaster resilient communities.” October 5, 2010.

Los Angeles Times. “Katrina Recovery Expo hawks ideas for rebuilding / Mississippians see the latest in homes that resist hurricanes.” August 13, 2006.

Orlando Sentinel. “A Mississippi trade show touts designs and materials for disaster survivors.” August 13, 2006.

The Baltimore Sun. “Catering to rebuilding. Mississippi event has prefab homes and legal advice for those recovering from hurricane.” August 13, 2006.

Washington Post. “In Biloxi, recovery is quick – for some.” August 27, 2006.

New York Times Magazine – “Battle for Biloxi.” May 21, 2006.

New York Times. “Officials try to keep residents of flooded town from selling out.” October 24, 1999.

## **Television**

CBS Nightly News. “Inland Flooding and Climate Change.” August 5<sup>th</sup>, 2024.

WRAL Television. Raleigh, North Carolina. – “Ideas from Oklahoma can help NC Plan for Future of Increased Flooding.” September 17, 2019.

Bundaberg Regional Council. Bundaberg, Australia. – “Panel Discussion: The Professor, You and I.” October 20, 2018.

Australian Broadcast Corporation, Bundaberg, Australia. – “Coastal Hazards Adaptation Strategy.” October 20, 2018.

WIN Television. Bundaberg, Australia. – “Coastal Hazards Adaptation Strategy.” October 20, 2018.

UNC-TV. Raleigh, North Carolina. – “What we Learned from Hurricane Florence.” October 19, 2018.

## **Television (continued)**

Univision. Houston, Texas. – “Greater Houston Flood Mitigation Consortium.” February 6, 2018.

NBC affiliate, WRAL, Raleigh, North Carolina – “Design workshop aims at making plans for North Carolina town.” August 26 2017.

NBC affiliate, WRAL, Raleigh, North Carolina – “52-acres would add land less flood-prone to Princeville.” August 29, 2017.

NBC affiliate, WRAL, Raleigh, North Carolina – “Teams develop plans to make Princeville less vulnerable to flooding.” August 29, 2017.

CBS affiliate, WNCN, Raleigh, North Carolina – “Princeville residents get a glimpse of new plans after Hurricane Matthew.” August 29, 2017.

CBS affiliate, WNCT, Greenville, North Carolina – “Princeville kickstarts Hurricane Matthew revitalization.” August 25h, 2017.

CBS affiliate, WNCT, Greenville, North Carolina – “Princeville wraps up revitalization workshop.” August 29, 2017.

CBS affiliate, WNCN, Raleigh, North Carolina – “Princeville partners with design teams to limit flooding in the future.” August 29, 2017.

CBS affiliate, WNCN, Raleigh, North Carolina – “Princeville residents get a glimpse of new plans after Hurricane Matthew.” August 25, 2017.

Australian Broadcast Corporation, Brisbane, Australia – “Dr. Gavin Smith: Interview with Katrina Davidson.” August 30, 2016.

## **ACADEMIC AND PRACTITIONER PANEL PARTICIPATION**

*University of Maryland, Baltimore County. Academic Program Review – Department of Emergency and Disaster Health Systems. April 26<sup>th</sup> – 28th, 2026.*

*North Carolina State University. Public Administration Ph.D. – Strategic Graduate Program Review. March 24<sup>th</sup> and 25<sup>th</sup>, 2025.*

*National Science Foundation. Long-Term Community Resilience Research Infrastructure Workshop. Washington, D.C. October 3-4<sup>th</sup>, 2024.*

## **ACADEMIC AND PRACTITIONER PANEL PARTICIPATION (continued)**

*American Meteorological Society. Assessing the Impact of Climate Change on the Weather, Water, and Climate Workforce: An AMS Policy Program Workshop. May 5, 2022.*

*Natural Hazards Center and the FEMA's Federal Insurance and Mitigation Administration. The Mitigation Match Symposium. June 23, 2021.*

*University of the Virgin Islands. Creation of the Center for Resilience and Sustainability. May 8, 2020. Saint Thomas, Virgin Islands.*

*University of Delaware. Disaster Research Center. Hazard Mitigation and Insurance Workshop. September 16, 2019. Newark, Delaware.*

*Texas A&M University, Desk Review and Field Visit – Proposed PhD in Marine and Coastal Management and Science Texas A&M University/Texas A&M University at Galveston. February-May 2019.*

*National Institute of Standards and Technology. Center for Risk-Based Community Resilience Planning Review Panel. May 2019. Fort Collins, Colorado.*

*National Academy of Science – Panel Reviewer. Gulf Research Program, National Academy of Sciences. Washington, D.C. April-May 2019.*

*University of Florida, Florida Sea Grant. External Peer Review Panel for Research Proposals Submitted to Florida Sea Grant. February 2019 – August 2019.*

*North Carolina State University, North Carolina Sea Grant. Sea Grant's 10 Year Vision on Weather and Climate. March 2018. Raleigh, North Carolina.*

*White House Frontiers Conference (select invitation from President's Office). October 2016. Pittsburgh, Pennsylvania.*

*RAND External Evaluation of Research Quality – Justice, Infrastructure, and the Environment. August 2016. Washington, D.C.*

*Institute of Medicine of the National Academies. Committee on Post-Disaster Recovery of a Community's Public Health, Medical, and Social Services. Consultant. January 2014 – April 2015.*

*University of Florida, Florida Sea Grant. External Peer Review Panel for Research Proposals Submitted to Florida Sea Grant. February 2015 – August 2015.*

## **ACADEMIC AND PRACTITIONER PANEL PARTICIPATION (continued)**

*University of Florida, Florida Sea Grant. External Peer Review Panel for Research Proposals Submitted to Florida Sea Grant. September 2014 – March 2015.*

*University of Florida, Florida Sea Grant. External Peer Review Panel for Research Proposals Submitted to Florida Sea Grant. February – August 2013.*

*National Science Foundation, Division of Civil, Mechanical and Manufacturing Innovation. Unsolicited Proposal Panel Member. January 2011.*

*National Science Foundation, Division of Civil, Mechanical and Manufacturing Innovation. Unsolicited Proposal Panel Member. May 2008.*

*National Science Foundation, Division of Civil, Mechanical and Manufacturing Innovation. Unsolicited Proposal Panel Member. December 2007.*

*National Science Foundation, Emergency Management Curriculum Committee. October 2003. Denver, Colorado.*

## **ACADEMIC HOST TO VISITING SCHOLARS AND STUDENTS**

Department of Homeland Security Science and Technology Directorate Minority Serving Institution Summer Faculty Program. Dr. Michelle Dovil, Florida A&M University. Summer 2019.

Department of Homeland Security Coastal Hazards Center. Dr. Walt Peacock, Texas A&M University. Director, Hazards Reduction and Recovery Center. Fall 2014.

Department of Homeland Security Science and Technology Directorate Service Academies Summer Faculty Program. Dr. David LaRivee, United States Air Force Academy. Summer 2014.

Department of Homeland Security Science and Technology Directorate Minority Serving Institution Summer Faculty Program. Dr. Deanna Schmidt, University of Houston at Clear Lake. Summer 2013.

Department of Homeland Security Science and Technology Directorate Minority Serving Institution Summer Faculty Program. Dr. Ashley Ross, Texas A&M Corpus Christi. Summer 2012.

## **PROFESSIONAL ADVISORY SERVICES**

*New South Wales, Australia. New South Wales Reconstruction Authority. Managed Relocation Framework. June 2025-August 2025.*

*New South Wales, Australia. New South Wales Reconstruction Authority. Disaster Adaptation Plan Assurance Framework. July 2024-December 2024.*

*North Carolina State University. Landscape Architecture Foundation, Deb Mitchel Research Grant. Developing a Disaster Adaptation Framework for Rural Resilience. Technical Advisory Committee. December 2021-June 2023.*

*Federal Emergency Management Agency. Innovations in Buyouts: From Concept to Completion. December 2021-November 2022.*

*Queensland, Australia. Queensland Reconstruction Authority. QRA Regional Resilience Strategies (Statewide Rollout Project). April 2020-June 2020.*

*Federal Emergency Management Agency. Disaster Recovery Reform Act, Building Resilient Infrastructure and Communities Policy Advisor. July 2019-June 2020.*

*County of Hawaii. Volcano Risk Reduction and Community Relocation Project. July 2019-January 2020.*

*Queensland, Australia. Queensland Reconstruction Authority. Resilient Queensland: Community of Practice. October 2018.*

*Bundaberg Region Coastal Hazard Adaptation Strategy. Queensland, Australia. 2017-2018.*

*State of Louisiana. Coastal Protection and Restoration Authority. Non-structural Capacity Assessment Committee. March 2018–February 2019.*

*United States Virgin Islands. Addressing Climate Change Adaptation and Resilience through Hazard Mitigation Planning. Governor’s Institute on Community Design. February 2017–May 2017.*

*Moreton Bay Region Coastal Hazard Adaptation Strategy. Queensland, Australia. 2017.*

*State of North Carolina Governor Roy Cooper’s Transition Team, Department of Public Safety (Emergency Management). 2016.*

*RESTORE Act Center of Excellence for Louisiana. Water Institute of the Gulf. External Review Board Member. November 1, 2016 – October 31, 2019.*

## **PROFESSIONAL ADVISORY SERVICES (continued)**

*Multi-Hazard Mitigation Council and the National Institute for Building Safety. Mitigation Saves 2.0. Oversight Committee for Federal Grants and Design to Exceed I-Code Requirements. January 2016–September 2016.*

*State of Louisiana. Coastal Protection and Restoration Authority. Resiliency Technical Advisory Committee. Louisiana’s Comprehensive Master Plan for a Sustainable Coast. December 2014–2017.*

*State of New Hampshire. Flood Risk Reduction: Repetitive Loss and Mitigation Database Workshop. Governor’s Institute on Community Design. January 2015–June 2015.*

*Community Planning Assistance Team, American Planning Association. Community Assistance Program. Lyons, Colorado. Post-Disaster Recovery Assistance. Team Leader. January 2013–May 2014.*

*FEMA Advisory Team. Pre-Disaster Planning Guidance for States, Tribes and Territories (RPPG-STT). Capacity Building Branch, National Disaster Recovery Planning Division (located in the FEMA Recovery Directorate). February 2014 –*

*FEMA Guidance Review Team. Recovery Pre-Disaster Planning Guide for States, Tribes and Territories. Emergency Management Institute. Emmitsburg, Maryland. April 2014.*

*State of Vermont. US Environmental Protection Agency. Smart Growth Implementation Assistance Project - Disaster Recovery and Long-Term Resilience Planning in Vermont. 2013.*

*The Mayor’s Institute on City Design-South. Coastal Design Studio. Louisiana State University, Baton Rouge, Louisiana. December 2013.*

*Federal Interagency Floodplain Management Task Force. Floodplain Management Policy and Program Investigation: Impacts and Barriers to Federal Programs in Achieving the Goals of Floodplain Management. Advisory Committee, 2012.*

*US Environmental Protection Agency Urban Resilience Technical Steering Committee. USEPA Global Climate Research Program, 2012.*

*National Oceanic and Atmospheric Administration Stakeholder Engagement Workshop. Strategic Framework Evaluation of the Coastal Services Center and Office of Coastal Resource Management. Washington, D.C. December 2012.*

*Governors’ Institute on Community Design: A Workshop on Flood Recovery and Rebuilding. December 2011. Burlington, Vermont.*

## **PROFESSIONAL ADVISORY SERVICES (continued)**

*United States, Department of State. Bureau of International Informational Programs Speaker and Specialist Grant. Philippines and Hong Kong. Hazards Management and Climate Change Adaptation, 2010.*

*State of Mississippi, Office of the Governor. Governor's Office of Recovery and Reconstruction. Executive Director, 2006-2007.*

*State of Mississippi Governor's Commission on Recovery, Rebuilding and Renewal. Policy Advisor, 2005.*

*Multi-Hazard Mitigation Council, National Institute of Building Sciences. Committee on Assessment of Future Savings from Mitigation Activities, technical advisor, 2002.*

*North Carolina Legislative Study Commission on Disaster Response and Recovery. North Carolina Institute of Disaster Studies Feasibility Study Committee, 2001-2002.*

## **DESIGN WORKSHOPS**

Hurricane Katrina, Mississippi Renewal Forum. 2005. Technical Advisor. October 11-18. Biloxi, Mississippi.

Design Week. 2017. January 11-20. Faculty Advisor and Jury Member. North Carolina State University, College of Design. Raleigh, North Carolina.

Princeville Design Workshop (5-day event). 2017. Workshop Coordinator. August 25-28. Princeville, North Carolina.

Design Week. 2018. January 9-18. Faculty Advisor and Jury Member. North Carolina State University, College of Design. Raleigh, North Carolina.

Design Sprint. 2019. March 19-23. Faculty Advisor and Jury Member. North Carolina State University, College of Design. Raleigh, North Carolina.

## **STUDENT ADVISORY COMMITTEES**

*KIETS Climate Leaders Program. Kathryn Turner. College of Design. North Carolina State University. January 2026-December 2026.*

*Master's Committee. Timberlyn Duncan. Marine, Earth, and Atmospheric Science. North Carolina State University.*

***Student committees (continued)***

*Master's Committee, Chair. Claire Hansen. Landscape Architecture. College of Design, North Carolina State University. 2025.*

*Master's Committee, Chair. Melissa Dominguez. Landscape Architecture. College of Design, North Carolina State University. 2025.*

*Master's Committee, Chair. Christopher Vann. Landscape Architecture. College of Design, North Carolina State University. 2025.*

*Master's Committee, Chair. Kelby Stallings. Landscape Architecture. College of Design, North Carolina State University. 2024-2025.*

*Master's Committee, Chair. Lauren Briley. Landscape Architecture. College of Design, North Carolina State University. 2024-2025.*

*Dissertation Committee. Erin White. College of Design. North Carolina State University. August 2024-April 2026.*

*Dissertation Committee. Shannon McGovern. Department of Public Administration. North Carolina State University. April 2023-*

*Dissertation Committee. Rebecca Composto. Geospatial Analytics. North Carolina State University. February 2024-2026.*

*Dissertation Committee. Cornelius Ojo. College of Design. North Carolina State University. February 2024-*

*KIETS Climate Leaders Program. Cornelius Ojo. College of Design. North Carolina State University. January 2025-December 2025.*

*Master's Committee, Chair. Yui Omori. Landscape Architecture. College of Design, North Carolina State University. 2024.*

*Ph.D. Committee, Jury Member. Anna Faiella. Department of Urban Planning, Design, and Policy. Politecnico di Milano. February 2024-*

*Ph.D. Committee, Associate Supervisor. Jane Hamill. School of Earth and Environment. University of Canterbury, New Zealand. January 2024-October 2024.*

*KIETS Climate Leaders Program. Kelby Stallings. Department of Landscape Architecture and Environmental Planning. North Carolina State University. January 2024-December 2024.*

***Student committees (continued)***

*KIETS Climate Leaders Program. Ryan Anderson. Department of Landscape Architecture and Environmental Planning. North Carolina State University. January 2023-December 2023.*

*Master's Committee, Chair. Chitali Biswas, Landscape Architecture. College of Design, North Carolina State University. 2024.*

*Master's Committee, Chair. Ryan Anderson, Landscape Architecture. College of Design, North Carolina State University. 2024.*

*Master's Committee, Chair. Cassie Nichols, Landscape Architecture. College of Design, North Carolina State University. 2023.*

*Master's Committee, Chair. Abby Black, Landscape Architecture. College of Design, North Carolina State University. 2022.*

*Master's Committee, Chair. Brian Vaughn, Landscape Architecture. College of Design, North Carolina State University. 2022.*

*Master's Committee, Chair. Stephanie Kelly, Landscape Architecture. College of Design, North Carolina State University. 2022.*

*KIETS Climate Leaders Program. Brian Vaughn. Department of Landscape Architecture and Environmental Planning. January 2022-December 2022.*

*Dissertation Committee. Meredith Hovis. Department of Forestry and Environmental Resources. North Carolina State University. 2021-2022.*

*Dissertation Committee. Honey Minkowitz. Public Administration. North Carolina State University. 2021-2023.*

*Dissertation Committee. Abdulrahman Alraddadi. College of Design, North Carolina State University. 2021-*

*Master's Committee, Chair. Samata Gyawali, Landscape Architecture. College of Design, North Carolina State University. 2021.*

*Master's Committee. Samiksha Bhattarai, Landscape Architecture. College of Design, North Carolina State University. 2021.*

*Master's Committee, Chair. Eliza Lawdley. Landscape Architecture. College of Design, North Carolina State University. 2021.*

***Student committees (continued)***

*Dissertation Committee. Raaga Bhandari. Landscape Architecture. College of Design, North Carolina State University. 2021-2023.*

*Master's Committee, Chair. Sara Fetty. Landscape Architecture. College of Design, North Carolina State University. 2021.*

*Master's Committee, Chair. Tina Zhang. Landscape Architecture. College of Design, North Carolina State University. 2020.*

*Master's Committee, Co-Chair. Hunter Williams. Landscape Architecture. College of Design, North Carolina State University. 2020.*

*Dissertation Committee. Chair. Astrid Haryati. Doctorate of Design. College of Design, North Carolina State University. 2020-*

*Dissertation Committee. Co-Chair. Hannah Dankbar. Doctorate of Design. College of Design, North Carolina State University. 2021-*

*Dissertation Committee. Byron Ifediora. Geospatial Analytics. North Carolina State University. 2020-2023.*

*Master's Committee, Co-Chair. William Balton. Landscape Architecture. College of Design, North Carolina State University. 2020.*

*Master's Committee, Chair. Sarah Johnson. Landscape Architecture. College of Design, North Carolina State University. 2019.*

*Dissertation Committee. Juhann Waller. Doctorate of Design. College of Design, North Carolina State University. 2019-2023.*

*Advisor, Independent Study. Stephanie Kelly. Department of Landscape Architecture, North Carolina State University. Post-Professional Master's in Landscape Architecture. 2019-2022.*

*Master's Committee, Chair. Stephanie Kelly. Department of Landscape Architecture, North Carolina State University. Post-Professional Master's in Landscape Architecture. 2021-2022.*

*Dissertation Committee. Olivia Vila. Department of Parks, Recreation and Tourism Sciences, North Carolina State University. 2019-2022.*

*Dissertation Committee, Co-Chair. Ryan Scott. Public Administration, North Carolina State University. 2019-2023.*

***Student committees (continued)***

*Dissertation Committee. Tibor Vegh. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2018-2019.*

*Dissertation Committee. Leah Campbell. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2018-2019.*

*Sakshi Handa. Master's Project Committee, Master's Candidate. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2017-2019.*

*Master's Project Committee, Master's Candidate. Margaret Keener. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2017-2019.*

*Department of Homeland Security, Workforce Development Grant Recipient. Sea Grant Knauss Fellowship recipient. Master's Candidate. Jessamin Straub. Department of Marine Science. University of North Carolina at Chapel Hill. 2018-2019.*

*Master's Project Committee, Master's Candidate. Anna Jane Jones. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2017-2019.*

*Dissertation Committee. Jordan Branham. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2017-2019.*

*Dissertation Committee. Nora Schwaller. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2017-2019.*

*Master's Project Committee, Master's Candidate. Chair. Christian Kamrath. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2016-2018.*

*Master's Project Committee, Master's Candidate. Chair. Meredith Burns. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2016-2018.*

*Master's Project Committee, Master's Candidate. Chair. Estefany Noria. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2017.*

*Master's Project Committee, Master's Candidate. Kevin Fish. Sanford School of Public Policy. Duke University. 2017.*

*Master's Project Committee, Master's Candidate. Chair. Darien Williams. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2016-2018.*

*Master's Project Committee, Master's Candidate. Colleen Durfee. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2016-2018.*

***Student committees (continued)***

*Dissertation Committee. Amanda Whittemore. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2015-2020.*

*Master's Project Committee, Master's Candidate. Chair. Ashton Rohmer. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2015-2017.*

*Master's Project Committee, Master's Candidate. Chair. Abby Moore. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2015-2017.*

*Master's Project Committee, Master's Candidate. Chair. Jamar Nixon. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2016-2017.*

*Dissertation Committee, Doctoral Candidate. Sierra Woodruff. Curriculum for the Environment and Ecology, University of North Carolina at Chapel Hill. Local Climate Change Adaptation Plan Quality and Content in the United States. 2012-2017.*

*Master's Project Committee, Master's Candidate. Chair. Lea Sabbag. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2015-2016.*

*Master's Project Committee, Master's Candidate. Chair. Christina Hurley. Department of City and Regional Planning, University of North Carolina at Chapel Hill. 2015-2016.*

*Dissertation Committee, Doctoral Candidate (external committee member). Alex Greer. Disaster Science and Management, University of Delaware. Resettlement After Disaster: Case Studies following Hurricane Sandy. 2013-2015.*

*Master's Project Committee, Master's Candidate. Chair. Caroline Dwyer. Department of City and Regional Planning, University of North Carolina at Chapel Hill. Building Back Better? A Comparison of Intergovernmental Cooperation Frameworks Influencing Post-Sandy Recovery and Rebuilding in Coastal New Jersey and New York. 2013-2014.*

*Master's Project Committee, Master's Candidate. Chair. Fayola Jacobs. Department of City and Regional Planning, University of North Carolina at Chapel Hill. Hazard Mitigation Planning and Policy in the Caribbean. 2013-2014.*

*Master's Project Committee, Master's Candidate. Capstone Committee Member. Rachel Meyerson. Department of Public Administration, University of North Carolina at Chapel Hill. A Tool for Evaluating Plan Quality of Local Government Response Plans. 2011-2012.*

*Master's Project Committee, Master's Candidate. Chair. Rachel Meyerson. Department of City and Regional Planning, University of North Carolina at Chapel Hill. Assessing the Quality of Disaster Response Plans. 2011-2012.*

### ***Student committees (continued)***

*Dissertation Committee, Doctoral Candidate. Ward Lyles. Department of City and Regional Planning, University of North Carolina at Chapel Hill. Stakeholder Network Influences on Local-Level Hazard Mitigation Planning Outputs. 2010-2012.*

*Master's Project Committee, Master's Candidate. Co-Chair. Dylan Sandler. Department of City and Regional Planning, University of North Carolina at Chapel Hill. Assessing the Quality of Disaster Recovery Plans. 2011.*

*Dissertation Committee, Doctoral Candidate (external member). Wendy Saunders. Department of Resource and Environmental Planning, Massey University, Manawatu, New Zealand. Innovative Land-Use Planning for Natural Hazard Risk Reduction in New Zealand. 2011.*

### **STUDENTS SUPPORTED**

*Yanhua Lu, Ph.D. student, NCSU College of Design. Spring 2024; Post-Doc - Fall 2024, Spring 2025.*

*Lauren Briley, Master's student, NCSU Department of Landscape Architecture. Fall 2023, Spring 2024, Fall 2024, Spring 2025.*

*Kathryn Turner, Master's student, NCSU Department of Landscape Architecture. Spring 2025.*

*Rebecca Ward, Ph.D. student, NCSU Meteorology, Earth, and Atmospheric Sciences. Spring and Summer 2023.*

*Cassie Nichols, Master's student, NCSU Department of Landscape Architecture. Fall 2022, Spring and Summer 2023.*

*Christopher Vann, Master's student, NCSU Department of Landscape Architecture. Spring and Summer, Fall 2023, Spring 2024.*

*Kelby Stallings, Master's student, NCSU Department of Landscape Architecture. Spring, Summer, and Fall 2023, Spring 2024, Fall 2024, Spring 2025.*

*Yui Omori, Master's student, NCSU Department of Landscape Architecture. Spring, Summer, and Fall 2023, Spring 2024.*

*Ryan Anderson, Master's student, NCSU Department of Landscape Architecture. Fall 2022, Spring, Summer, and Fall 2023, Spring 2024.*

*Chitali Biswas, Master's student, NCSU Department of Landscape Architecture. Fall 2021, Spring 2022, Fall 2022, Spring, Summer, and Fall 2023, Spring 2024.*

## **STUDENTS SUPPORTED (continued)**

*Abigail Black, Master's student, NCSU Department of Landscape Architecture. Fall 2021, Spring 2022, Fall 2022, Spring 2023.*

*Brian Vaughn, Master's student, NCSU Department of Landscape Architecture. Spring & Fall 2021, Spring 2022, Fall 2022.*

*Claire Henkel, Master's student, NCSU Department of Landscape Architecture. Spring, Summer & Fall 2021, Spring 2022, Fall 2022.*

*Jane Allen, Master's student, Climate Science and Society, NCSU Department of Meteorology Earth and Atmospheric Sciences. Summer 2020.*

*Eliza Lawdley, Master's student, NCSU Department of Landscape Architecture. Fall 2020.*

*Olivia Vila, Ph.D. student, NCSU Department of Parks, Recreation and Tourism Management. 10 hours per week. Coastal Resilience Center grant. Spring, Summer & Fall 2020, Spring, Summer & Fall 2021.*

*Gretchen Caverly, Master's student, NCSU Department of Landscape Architecture. Coastal Resilience Center grant. 15 hours per week (tuition and fees). Fall 2019, Spring & Summer 2020.*

*Samiksha Bhattarai. Master's student, NCSU Department of Landscape Architecture. Coastal Resilience Center grant. 20 hours per week (tuition and fees plus stipend). Spring & Fall 2020, Spring, Summer & Fall 2021.*

*Samata Gyawali. Master's student. NCSU Department of Landscape Architecture. Coastal Resilience Center grant. 20 hours per week (tuition and fees plus stipend). Spring, Summer & Fall 2020, Spring, Summer & Fall 2021.*

*Ahmad Khawaja. Master's student, NCSU Department of Landscape Architecture. State of North Carolina Start-Up funds. 20 hours per week (stipend). Spring 2020.*

*Jessamin Straub, Master's student. UNC, Department of Marine Science. Department of Homeland Security Workforce Development Grant (tuition and fees; \$20,000 annual stipend). Fall 2018-Spring 2019.*

*Colleen Durfee, Master's student, UNC, Department of City and Regional Planning. Department of Homeland Security Workforce Development Grant (tuition and fees; \$20,000 annual stipend). Fall 2016-Spring 2018.*

## **STUDENTS SUPPORTED (continued)**

*Darien Williams. Master's student, UNC Department of City and Regional Planning. Department of Homeland Security Workforce Development Grant (tuition and fees; \$20,000 annual stipend). Fall 2016-Spring 2018.*

*Ashton Rohmer. Master's student, UNC Department of City and Regional Planning. Department of Homeland Security Workforce Development Grant (tuition and fees; \$20,000 annual stipend). Fall 2015-Spring 2017. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week, Summer 2018.*

*Carl Kolosna. Master's student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week, Summer 2018.*

*Meredith Burns, Master's student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week, Summer 2018; 20 hours per week Spring 2017, Fall 2018.*

*Christian Kamrath. Master's student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018. 20 hours per week Spring 2017, Fall 2018.*

*Gar Yeung. Master's student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018. 20 hours per week Spring 2017, Fall 2018.*

*Amanda Martin. Ph.D. student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018.*

*Kirsten Frescoln. Ph.D. student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018.*

*Samantha Farley. Undergraduate student, UNC. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018.*

*Jonathan Peterson. Master's student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018.*

*Shama Chowdhury. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*Lindsey Naylor. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

## **STUDENTS SUPPORTED (continued)**

*Stephanie Heimstead. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*Ezgi Balkanay. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*Danielle Chelles. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*Austin Marshall. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*James Popin. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*Nora Schwaller. Ph.D. student, UNC Department of City and Regional Planning. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Fall 2018.*

*Adam Walters. Master's student, NCSU Department of Landscape Architecture. Hurricane Matthew Disaster Recovery and Resilience Initiative. 20 hours per week Summer 2018.*

*Devon McGhee. Master's student, Duke University Environmental Management, Institute for the Environment. Hurricane Matthew Disaster Recovery and Resilience Initiative. 40 hours per week Summer 2018.*

*Lea Sabbag. Master's student, UNC Department of City and Regional Planning. Department of Homeland Security Workforce Development Grant (tuition and fees; \$20,000 annual stipend). Fall 2015-Spring 2017.*

*Dylan Sandler. Master's student, UNC Department of City and Regional Planning. 20 hours per week April 2012 – August 2013.*

*Mikey Goralnik. Master's student, UNC Department of City and Regional Planning. 20 hours per week April 2012 – August 2013.*

*Eric Thomas. Master's student, UNC Department of City and Regional Planning. 20 hours per week April 2012 – August 2013.*

*Rachel Meyerson. Master's student, UNC Department of City and Regional Planning. 20 hours per week Fall 2011.*

## **FACULTY MENTORING**

*Austin Becker, Assistant Professor. Coastal Planning, Policy, and Design. Director, Graduate Programs in Marine Affairs. Departments of Marine Affairs and Landscape Architecture. University of Rhode Island. 2016-2018.*

## **FACULTY and STAFF SELECTION COMMITTEES**

Global Change Biologist Search Committee. North Carolina State University. Fall 2019-Spring 2020.

Keenan Institute Engineering, Technology & Science Climate Leaders / Coastal Resilience and Sustainability Program Manager Interview Committee. Spring 2021.

## **ACADEMIC/PROFESSIONAL BOARDS AND COMMITTEES**

*North Carolina State University – Academy of Outstanding Faculty in Extension and Engagement. 2026.*

*International Community of Practice – Community-Led Relocation. Executive Committee. 2023-*

*PhD Admissions Committee, College of Design. North Carolina State University. 2026-*

*Texas A&M University, Hazard Reduction and Recovery Center. Advisory Board Member. August 2025-*

*American Planning Association / FEMA Advisory Panel. Upskilling for Hazard Mitigation Planning and Climate Change Adaptation. June 2024 -*

*Faculty Senate, College of Design. North Carolina State University. September 2022-*

*National Academy of Science. Managed Retreat in the US Gulf Coast Region Committee. February 2022-November 2023.*

*U.S. Global Change Research Program. Fifth National Climate Assessment (NCA5), Southeast Region – Author. September 2021-December 2023.*

*North Carolina Office of Recovery and Resiliency Steering Committee – Development of Statewide Resilience Guidebook. June 2021-2022.*

*National Academy of Sciences, Engineering, and Medicine. Policy and Global Affairs. Resilient America Roundtable. December 2020-December 2023.*

***ACADEMIC/PROFESSIONAL BOARDS AND COMMITTEES (continued)***

*Conference Vision Committee-Community Growth and Development. College of Design North Carolina State University. February 2021-December 2021.*

*Association of Floodplain Manager's Project Steering Committee, Flood Mitigation Library Website Project. November 2020-November 2021.*

*Association of State Floodplain Manager's and Coastal States Organization (CSO), Project Advisory Committee (PAC) for Mitigating Multiple Loss Properties. 2020-2022*

*North Carolina State University Kenan Institute, Climate Leaders Steering Committee. 2020-*

*North Carolina State University, Faculty Representative. HazNerds Student Group. August 2020-2023*

*North Carolina State University, College of Design's Scholarship, Research, Extension and Engagement Committee. August 2020-*

*North Carolina State University, University Research Committee. August 2020-*

*Southeastern Universities Working Group for Coastal Resilience. May 2020-*

*NSF-CONVERGE. Bridging Community Needs and Research through Action-Oriented Co-Design. Working Group Member. May 2020-2022.*

*North Carolina State University, College of Design Research Committee. May 2020-*

*HurriCon: Science at the Intersection of Hurricanes and the Populated Coasts. NSF-funded Coastlines and People (CoPE) Conference grant. External Steering Committee. November 2019-February 2020.*

*North Carolina State University Coastal Resilience and Sustainability Leadership Group. October 2019-2024.*

*American Planning Association, AICP Community Assistance Planning Services Committee. January 2019-December 2021.*

*FEMA Advisory Committee: Research in Support of Compliance of Substantially Damaged Properties with Floodplain Management Regulations. January 2018-January 2019.*

*North Carolina Division of Coastal Management, Coastal Resilience Committee. April 2018-2020.*

***ACADEMIC/PROFESSIONAL BOARDS AND COMMITTEES (continued)***

*North Carolina State University, College of Design Curriculum Committee. September 2019-2023*

*Academic Hazards and Disaster Research Centers Coalition. Natural Hazards Research Center, University of Colorado at Boulder. November 2017-2020.*

*Social Science Extreme Events Reconnaissance (SSEER) Platform. National Science Foundation. November 2017-2018.*

*University of North Carolina at Chapel Hill Faculty Review Committee – Mentor Award for Lifetime Achievement - 2018.*

*Governor’s Hurricane Matthew Advisory Committee-University of North Carolina System.*

*State of North Carolina Risk Management Coordinating Council. Member. 2016-2018.*

*Southeast & Caribbean Disaster Resilience Partnership Advisory Board. 2016-2024.*

*State of North Carolina Disaster Recovery Task Force. Community Planning and Capacity Building Recovery Support Function Lead. 2016-2018.*

*Bushfire & Natural Hazards Cooperative Research Centre, International Science Advisory Panel. East Melbourne, Australia. 2016-2022.*

*Multi-Hazard Mitigation Council and the National Institute for Building Safety. Mitigation Saves 2.0. Technical Oversight Committee. January 2016-2018.*

*University of Washington Department of Urban Design and Planning. Master of Infrastructure Planning and Management Program, Floodplain Management Degree Option Advisory Committee. 2015-2016.*

*State of Louisiana. Coastal Protection and Restoration Authority. Resiliency Technical Advisory Committee. 2014-2017.*

*Fayetteville State University, Center for Defense and Homeland Security. Advisory Board Member. 2011-2015.*

*Steering Committee, Hazard Mitigation and Disaster Recovery Planning Division, American Planning Association, Chairman, 2007-2009.*

*National Hurricane Conference, Mitigation Committee, 1998-2002.*

***ACADEMIC/PROFESSIONAL BOARDS AND COMMITTEES (continued)***

*National Building Museum. Designing for Disaster Advisory Council. 2010-2013.*

*State of North Carolina Emergency Transitions Collaboration Team. 2010-2012*

*Integrated Hazard Risk Management Committee. North Carolina Division of Emergency Management, 2009-2012*

*North Carolina Sea Level Rise Risk Management Committee. North Carolina Division of Emergency Management, 2009-2012.*

*State of Mississippi Hurricane Katrina Renaissance Committee, 2006.*

*Post, Buckley, Schuh, and Jernigan Leadership Class of 2005.*

*State Hazard Mitigation and Long-term Recovery Advisory Group, Chair, 1998-2002.*

*North Carolina Floodplain Mapping Initiative Committee, 2000-2002.*

*Institute for Business and Home Safety, Land Use and Mitigation Committee, 2002.*

*North Carolina Floodplain Mapping Initiative Sub-committee, Post-Flood Hazard Verification, Co-Chair, 2000-2002.*

*North Carolina Floodplain Mapping Initiative Sub-committee, Higher Standards, Co-Chair, 2000-2002.*

*North Carolina State Emergency Response Team, 1998-2002.*

*North Carolina Natural Hazards Conference Planning Committee, 2002.*

*Governor's Hurricane Floyd Recovery Issues Team, 1999-2001.*

*National Emergency Management Association, State Hazard Mitigation Officers Committee, 1998-2000.*

*Hurricane Floyd Federal Redevelopment Needs Task Force, 1999-2000.*

*Blue Sky Foundation Steering Committee, 1998-2000. (non-profit advancing disaster resilient coastal construction)*

*North Carolina Governor's Hurricane Conference Mitigation Committee, Chair, 1999.*

***ACADEMIC/PROFESSIONAL BOARDS AND COMMITTEES (continued)***

*Hurricane Fran Disaster Recovery Task Force, Emergency Management Liaison, 1996-1998.*

*National Emergency Management Association, Project Impact Subcommittee, 1998.*

*National Emergency Management Association, Accreditation Committee, 1998.*

**PROFESSIONAL MEMBERSHIPS**

*American Planning Association, 2002 -*

*American Planning Association - Fellow of the American Institute of Certified Planners 2024 -*

*American Planning Association - American Institute of Certified Planners 2008 -*

*American Planning Association - Hazard Mitigation and Disaster Recovery Planning Division, (founding member, advisory committee) 2015-2018.*

*American Planning Association - Hazard Mitigation and Disaster Recovery Planning Division - 2015-*

*National Emergency Management Association, 2000-2008*

*North Carolina Emergency Management Association, 1999-2002*

**FELLOWSHIPS & AFFILIATED FACULTY / SCHOLAR**

North Carolina State University. Global One Health Academy. Affiliate Member. 2024-

Fellow of the American Institute of Certified Planners 2024 -

Ph.D. Faculty. North Carolina State University, College of Design. Ph.D. Program. 2019-

Faculty Affiliate. Department of Public Administration. North Carolina State University. 2020-

Doctorate of Design Program Faculty. North Carolina State University, College of Design. 2019-

Faculty Affiliate. Southeast Climate Adaptation Science Center. NC State University. 2019-

Faculty Fellow. Center for Urban and Regional Studies. University of North Carolina at Chapel Hill. 2008-2019.

## **FELLOWSHIPS & AFFILIATED FACULTY / SCHOLAR (continued)**

Affiliated Scholar. Center for Law, Environment, Adaptation, and Resources. University of North Carolina at Chapel Hill, School of Law. 2014-2016.

Affiliated Faculty, Institute for the Environment. University of North Carolina at Chapel Hill. 2016-2019.

## **AWARDS**

North Carolina State University Outstanding Engagement Award. 2026.

North Carolina State University Academy of Outstanding Faculty in Extension and Engagement. 2026.

Department of Landscape Architecture and Environmental Planning. 2025 Faculty Award. Extreme Disaster and Resilience. North Carolina State University.

Bushfire and Natural Hazards Cooperative Research Centre – (Australia and New Zealand). Certificate of Appreciation. 2013-2021.

North Carolina State University. 2020 Alumni Association Outstanding Research Award.

North Carolina State University Leadership Academy. 2020-

North Carolina State University, Sustainability Award. Department of Landscape Architecture. 2019.

University of North Carolina at Chapel Hill. *Distinguished Teaching Award for Post-Baccalaureate Instruction*. 2017.

Post, Buckley, Schuh, and Jernigan. *Associate*. 2004-2008.

Post, Buckley, Schuh, and Jernigan. *National Award – Projects Under 2 Million Dollars. Governor's Office of Recovery and Renewal*. 2007.

Environmental Protection Agency, Gulf Guardian Program. *1<sup>st</sup> Place, Partnership Award – Mississippi Renewal Forum*. 2006.

Federal Emergency Management Agency, Region IV. *Special Recognition Award*, 2002.

Association of State Floodplain Managers. *Tom Lee Award for State Excellence–Platinum Level*, 2001. North Carolina Floodplain Mapping Initiative.

## **AWARDS (continued)**

American Institute of Planners / Association of Collegiate Schools of Planning. *Collaborative Project Award*, 2001. North Carolina Hazard Mitigation Planning Initiative.

National Hurricane Conference. *Outstanding Achievement Award – Mitigation*, 2001.

The Conservation Fund. *Community Champion Award*, 2001.

Federal Emergency Management Agency. *Project Impact State of the Year*, 2000.

North Carolina Department of Crime Control and Public Safety. *Meritorious Service Award*, 2000.

Research Associate, Texas A&M University. Hazard Reduction and Recovery Center. 1992-1995.

## **UNIVERSITY COURSES TAUGHT**

### ***North Carolina State University:***

- Public Policy and Design (LAR 582 – 3 hours) – Spring 2026
- Natural Hazards, Disasters and Climate Change Adaptation Lecture Series (LAR 582, 607 – 1 hour) – (Spring 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026)
- Survey of Natural Hazards and Disasters (LAR 582, 552 – 3 hours) – (Fall 2019, 2020, 2021, 2022, 2023, 2024, 2025)
- Disaster Resilient Policy, Engineering, & Design (LAR 582, 554 – 3 hours) – (Spring 2020, 2021, 2022, 2023, 2024, 2025, 2026)
- Advanced Topics Studio – Hazard-Prone Housing Acquisition and Resettlement (LAR 507 – 6 hours) – (Spring 2021)
- Nature Based Solutions and Coastal Resilience (LAR 582 – 3 hours (Fall 2023)

### ***University of North Carolina at Chapel Hill:***

- Planning for Natural Hazards and Climate Change Adaptation (PLAN 755 3 hours) – (Fall 2012, 2013, 2014, 2015, 2016, 2018)
- Natural Hazards Resilience Speaker Series (PLAN 754 1 hour) – (Spring 2016, 2017, 2018, 2019)
- Survey of Natural Hazards and Disasters (PLAN 756 3 hours) – (Spring 2015, 2016, 2017)
- Disaster Recovery Planning Workshop (3 hours) – (Spring 2017)
- Study: Building Resilience to Coastal Hazards in Hawai'i: Strengthening the Post-Disaster Recovery Process (2.5 hours) – (Summer 2016)
- Independent Study: The Role of States in Disaster Recovery (3 hours) – (Spring 2016)
- Independent Study: Coastal Economic Resilience (3 hours) – (Spring 2015)
- Independent Study: Master's Projects (3 hours) – (Spring 2012, Fall 2013, Spring 2015)
- Special Topics: Disaster Recovery Planning (3 hours) – (Spring 2002)

## ***UNIVERSITY COURSES TAUGHT (continued)***

### ***University of Hawaii at Manoa:***

- Disaster Recovery Planning Seminar (Summer 2012, 2013) – Honolulu, Hawaii
- Disaster Recovery Planning Seminar (Summer 2014 – Bandung Institute of Technology, Bandung, Indonesia.

### ***Venice International University in Partnership with Duke University:***

- Environmental Management in a Changing World: Coping with Sea Level Rise (Summer 2016 – one-week summer course in Venice, Italy).

***Guest lecturer in College and University Courses in the United States and Abroad:*** (see college and university guest lectures and presentations section)

## **PROFESSIONAL TRAINING COURSES TAUGHT**

National Disaster Preparedness Training Center, University of Hawaii

- Advanced Disaster Recovery Strategies for Local Communities (8-hour course)
  - Fall 2015 – Raleigh, North Carolina.
  - Spring 2016 – Warwick, Rhode Island; Phoenix, Arizona.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

American Planning Association. Write the article Putting Coastal Hazards Overlay Districts on the Map. Zoning Practice. \$750. May 2026-June 2026.

Duda Visiting Designer Program (Studio). \$33,500. May 2026-December 2026.

KIETS Climate Leaders Program. Faculty Advisor. \$3,000. January 2026-December 2026.

New South Wales Reconstruction Authority. Managed Relocation Policy Development. \$19,400. June 2025 – August 2025.

KIETS Climate Leaders Program. Faculty Advisor. \$5,000. January 2025-December 2025.

New South Wales Reconstruction Authority. Review of NSW's Climate Change Adaptation Plans. \$9,861. July 2024 – June 2025.

United States Department of Homeland Security, Science and Technology Directorate. Building Resilience through an International Learning Laboratory. P.I/ \$100,000. July 2024 – June 2025.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

Federal Emergency Management Agency (FEMA-Mitigation Directorate). Building the Capacity to Develop, Implement, and Manage Building Resilient Infrastructure and Communities (BRIC) Grants and Assist Communities Adapt to a Changing Climate by Harnessing the Abilities of U.S. University and Institutional Systems. P.I. \$863,000. September 2024-August 2025.

KIETS Climate Leaders Program. Faculty Advisor. \$5,000. January 2024-December 2024.

United States Department of Homeland Security, Science and Technology Directorate. Operationalizing the University Network to Deliver Direct Technical Assistance to Under Resourced Communities. P.I. \$150,000. July 2023 – June 2024.

KIETS Climate Leaders Program. Faculty Advisor. \$5,000. January 2023-December 2023.

Federal Emergency Management Agency. Building the Capacity to Develop, Implement, and Manage Building Resilient Infrastructure and Communities (BRIC) Grants and Assist Communities Adapt to a Changing Climate by Harnessing the Abilities of U.S. University and Institutional Systems. P.I. \$1,402,971. October 2022 – June 2024.

New South Wales, Australia. Post-Flood Resettlement Strategy. \$5,000. June 2022 – August 2022.

United States Department of Homeland Security, Science and Technology Directorate. Operationalizing the Coastal Hazards Overlay District and Hazard Transect: Improving Design Standards from Concept to Practice Among Local Jurisdictions while Informing National Managed Retreat Policy. P.I. \$200,000. July 2022 – June 2023.

Emergency Supplemental Historic Preservation Fund Project for the NC Department of Natural and Cultural Resources. Historic Properties and Landscapes Training Program. P.I. \$150,000. January 2022 – April 2025.

Haywood County, North Carolina. Advisory Services– Resilience, Land Acquisition, and Multi-Objective Greenway Planning. \$5,000. January 2022-March 2022.

KIETS Climate Leaders Program. Faculty Advisor. \$5,000. January 2022-December 2022.

NOAA Sea Grant and UNC Law School – Increasing Capacity to Aid Economically Disadvantaged Communities After Disasters. \$2,000. June 2021 – June 2022.

NSF-CONVERGE. DesignSafe-CI. Special Call for Weather-Ready Research: Instrument and Data Publication. Policy Innovation in Local Housing Acquisition Programs. \$1,250.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

United States Department of Homeland Security, Science and Technology Directorate. An Assessment of Hazard-Prone Housing Buyouts and Community Resettlement in an Era of Climate Change. P.I. \$150,000. July 2021 – June 2022.

KIETS Climate Leaders Program. Faculty Advisor. \$5,000. January 2021-December 2021.

American Flood Coalition and Pew Charitable Trust. Assessment of State Flood Plans. \$3,000. March 2021-August 2021.

Queensland Reconstruction Authority. State Resilience Fund Allocation Strategy. \$10,000. January 2021-May 2021.

National Science Foundation-Sponsored Social Science Extreme Events Research (SSEER) and CONVERGE. Bridging Community Needs and Research through Action-Oriented Co-Design. Working Group Member. \$1,000. May 2020 – August 2020.

NSF-CONVERGE. DesignSafe-CI. A National Evaluation of State Roles in Hazard Mitigation: Building Local Capacity to Implement FEMA Hazard Mitigation Assistance Grants. <https://doi.org/10.17603/ds2-sjbv-eg87>. P.I. \$500.

United States Department of Homeland Security, Science and Technology Directorate. Institutionalizing the Graduate Certificate in Disaster Resilient Policy, Engineering and Design. P.I. \$150,000. July 2020 – June 2021.\*\*

Queensland Reconstruction Authority. Queensland Reconstruction Authority Regional Resilience Strategy (Statewide Rollout Project). P.I. \$5,928. March 2020 – June 2020.

Hawaii County, Hawaii. Housing Related Subject Matter Expertise for Volcano Recovery. \$61,370. July 2019 – December 2019.

Department of Homeland Security, Science and Technology Directorate. Expanding and Institutionalizing Disaster Resilient Policy and Design Education through National Hazard Mitigation Policy Counsel and Course Development. P.I. \$161,982. July 2019 – June 2020.\*\*

Texas Higher Education Coordinating Board. Texas A&M Galveston Proposal to Develop a PhD. Program in Coastal Management. \$5,000. April – June 2019.

Bundaberg Region Coastal Hazard Adaptation Strategy. Queensland, Australia. \$10,000. October 2018 – October 2019.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

North Carolina Department of Transportation. Review of Floodplain Ordinances in the Neuse River Basin. \$40,829. August 2018 – August 2019.

Federal Emergency Management Agency, Emergency Management Institute. Disasters and Design Course Curriculum Development. P.I. \$3,500. September 2018 – March 2019.

United States Department of Homeland Security, Science and Technology Directorate. Enhancing Coastal Resilience through the Continuation of the Natural Hazards Resilience Certificate Program. P.I. \$208,456. July 2018 – June 2020.\*\*

RESTORE Act Center of Excellence for Louisiana. Water Institute of the Gulf. External Review of CPRA's Parish Nonstructural Capacity Assessment. \$10,000. March 1 2018 – February 2019.

North Carolina Division of Emergency Management. Evaluation of the Disaster Recovery Process Following Hurricane Matthew. P.I. \$72,483. March 2018 – February 2019.

North Carolina Community Foundation. Hurricane Matthew Disaster Recovery and Resilience Initiative Student Support. P.I. \$25,000. January 2018 – August 2018.

University of North Carolina at Chapel Hill. North Carolina Policy Collaboratory. Hurricane Matthew Disaster Recovery and Resilience Initiative. P.I. \$100,000. January 2018 – December 2019.

North Carolina Division of Emergency Management. Hurricane Matthew Disaster Recovery and Resilience Initiative. P.I. \$251,979. September 2017 – February 2018.

United States Department of Homeland Security, Science and Technology Directorate. First Responder Group – Flood Apex Program. Assessing Resilience through an Analysis of Hurricane Floyd Recovery and its Effect Following Hurricane Matthew in North Carolina. P.I. \$300,000. January 2017 – December 2017.

University of North Carolina at Chapel Hill. North Carolina Policy Collaboratory. Hurricane Matthew Disaster Recovery and Resilience Initiative. P.I. \$340,602. January 2017 – December 2017.

North Carolina Division of Emergency Management. Hurricane Matthew Disaster Recovery and Resilience Initiative. \$274,364. January 2017 – September 2017.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

Governor's Institute on Community Design. United States Virgin Islands. Addressing Climate Change Adaptation and Resilience through Hazard Mitigation Planning. P.I. \$3,000. February 2017 – May 2017.

RESTORE Act Center of Excellence for Louisiana. Water Institute of the Gulf. External Review Board Member. P.I. \$12,500. November 1, 2016 – October 31, 2019.

Bundaberg Region Coastal Hazard Adaptation Strategy. Queensland, Australia. P.I. \$1,000. May, 2017.

Moreton Bay Region Coastal Hazard Adaptation Strategy. Queensland, Australia. P.I. \$1,000. November, 2017.

Multi-Hazard Mitigation Council and the National Institute for Building Safety. Mitigation Saves 2.0. Technical Oversight Committee. P.I. \$7,500. January 2016 – September 2016.

United States Department of Homeland Security, Science and Technology Directorate in partnership with the White House. Resilient Design Education Study. \$50,000. PI. Period of Performance: October 1, 2016 – August 30, 2017.\*\*

United States Department of Homeland Security, Science and Technology Directorate. Science and Engineering Workforce Development Fellowship. Coastal Resilience Center of Excellence. \$208,850. PI. Period of Performance: July 1, 2016 – June 30, 2018.\*\*

United States Department of Homeland Security, Science and Technology Directorate. Coastal Resilience Center of Excellence. \$808,000. Co-PI. Period of performance: August 1, 2015 – July 30, 2017.\*\*

Department of Homeland Security, Science and Technology Directorate. Expanding Coastal Resilience at UNC. P.I. \$208,850. Period of performance: August 1, 2015 – July 30, 2017.\*\*

United States Department of Homeland Security, Science and Technology Directorate. Coastal Resilience Center of Excellence. \$20,000,000. Co-P.I. July 1, 2015 – June 30, 2020.\*\*

United States Department of Homeland Security, Science and Technology Directorate. Expanding Coastal Resilience Education at UNC. P.I. \$391,000. July 1, 2015 – June 30, 2020.\*\*

State of Louisiana. Coastal Protection and Restoration Authority. 2017 Coastal Master Plan Resiliency Technical Advisory Committee. P.I. \$18,000. January 1, 2015 – December 31, 2016.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

Department of Homeland Security, Science and Technology Directorate. The Role of the State in Disaster Recovery: A Comparative Analysis of Gubernatorial Leadership and State Agency Official Engagement, Collaboration and Capacity Building. P.I. \$60,000. P.I. July 1, 2014 – June 30, 2015.\*

Department of Homeland Security, Science and Technology Directorate. Course Development and Teaching at UNC-CH. P.I. \$30,000. July 1, 2014 – June 30, 2015.\*

LMI Research Institute. \$35,223. P.I. Measuring Successful Disaster Recovery. October 1, 2014 – September 30, 2015.

United States Department of Homeland Security, Science and Technology Directorate. Co-PI. \$14,508,322. July 1, 2008 – June 30, 2015.\*

Federal Emergency Management Agency. The Role of the State in Disaster Recovery: A Comparative Analysis of Gubernatorial Leadership and State Agency Official Engagement, Collaboration and Capacity Building. P.I. \$30,000. October 1, 2014 – May, 2015.

National Academies, Institute of Medicine. The Institute of Medicine's Committee on Post-Disaster Recovery of a Community's Public Health, Medical and Social Services. Disaster Recovery Funding: Achieving a Resilient Future? Washington, D.C. P.I. \$10,000. January, 2013 – July, 2014.

United States Department of Homeland Security, Science and Technology Directorate. Hazard Mitigation Planning. Co-P.I. \$695,002. July 1, 2008 – June 30, 2014.\*

Department of Homeland Security, Science and Technology Directorate. Course Development and Teaching at UNC-CH. P.I. \$46,282. July 1, 2013 – June 30, 2014.\*

National Disaster Preparedness Training Program, University of Hawaii at Manoa. Disaster Recovery Course Development, Pilot Testing and Delivery of NDPTC Training Courses. P.I. \$116,682. Period of performance: August 2013 – June 2014.

Federal Emergency Management Agency. Hurricane Sandy: Field Testing of Recovery Indicators. P.I. \$165,853. Period of performance: October 1, 2013 – June 30, 2014.

United States Department of Homeland Security, Science and Technology Directorate. Career Development Grant Fellowship. Coastal Resilience Center of Excellence. \$225,000. P.I. Period of Performance: July 1, 2013 – June 30, 2014.\*

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

Environmental Protection Agency and Federal Emergency Management Agency. Smart Growth Implementation Assistance Project Disaster Recovery and Long-Term Resilience Planning in Vermont. P.I. \$80,480. September 2012 – December 2013.

The Mayor's Institute on City Design-South. Coastal Design Studio. Louisiana State University, Baton Rouge, Louisiana. P.I. \$500. December, 2013.

Department of Homeland Security, First Responder Group. Disaster Recovery Indicators Project. Co-PI. \$99,850. December 1, 2012 – August 31, 2013.

Department of Homeland Security, Science and Technology Directorate. Comparative Household Resilience. P.I. \$15,664. July 1, 2012 – June 30, 2013.\*

Department of Homeland Security, Science and Technology Directorate. Aggregate Flood Hazard Risk Scoping Project. P.I. \$70,751. July 1, 2012 – June 30, 2013.\*

Department of Homeland Security, Science and Technology Directorate. Course Development and Teaching at UNC-CH. P.I. \$22,756. July 1, 2012 – June 30, 2013.\*

National Disaster Preparedness Training Program and the Department of City and Regional Planning. University of Hawaii at Manoa. Summer School, Lecturer. P.I. \$2,000/summer. June 2012, 2013.

North Carolina Division of Emergency Management. Climate Change Adaptation Guide. P.I. \$40,374. June 1, 2012 – May 31, 2013.

North Carolina Division of Emergency Management. North Carolina Sea Level Rise Study. P.I. \$145,000. September 2011– November 2012.

United States Department of Homeland Security, Science and Technology Directorate. Applying Plan Quality Principles to State Disaster Recovery Planning. P.I. \$90,000. July 1, 2011 – June 30, 2012.\*

National Science Foundation. Workshop on the Theory of Recovery. Co-P.I. \$ 45,060. June 2010 – February 2012.

Federal Emergency Management Agency. An Evaluation of the Floodplain Management Plans under the Community Rating System of the National Flood Insurance Program. Co-P.I. \$140,000. May 2010 – November 2011.

## **EXTERNALLY FUNDED RESEARCH AND ADVISORY SERVICES**

\* = project funded as part of \$15,250,000 Department of Homeland Security grant.

\*\* = project funded as part of \$20,000,000 Department of Homeland Security grant.

Public Entity Risk Institute. Book Author. P.I. \$75,000. *Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework*. June 2007 – September 2011.

Institute for Homeland Security Solutions. P.I. \$149,999. Assessing the State of North Carolina's Recovery Plan. Award Number 2-312-0211772. June 1, 2010 – May 31, 2011.

United States, Department of State. Bureau of International Informational Programs Speaker and Specialist Grant. P.I. \$2,000. Philippines and Hong Kong. Hazards Management and Climate Change Adaptation. May 2010.

State of Mississippi, Office of the Governor. \$1,000,000. Project Manager. 2006 – 2007.

State of Mississippi, Office of the Governor. \$236,000,000. Congressional Appropriation. Mississippi Alternative Housing Program. 2006. Lead Grant Writer.

## **CONGRESSIONAL and LEGISLATIVE TESTIMONY**

U.S. House of Representatives Testimony. House Select Committee on Hurricane Katrina. Subcommittee on Housing and Community Opportunity. Gulfport, Mississippi. January 2006.

U.S. Senate Testimony. Senate Homeland Security and Governmental Affairs Committee. Hurricane Katrina. Gulfport, Mississippi. January 2006.

North Carolina Legislative Study Commission on Disaster Response and Recovery. February 2002. *Long-Term Recovery and Mitigation*.

North Carolina Legislative Research Commission, Hurricane Floyd Recovery. Raleigh, North Carolina. September 2000. Hazard Mitigation.

## **CONGRESSIONAL, LEGISLATIVE and COMMITTEE BRIEFINGS**

Government Accountability Office. Flood Mitigation: Actions Needed to Improve Use of FEMA Property Acquisitions. Report: GAO-22-106037. August 2021. Phone interview. Report published September 13, 2022. <https://www.gao.gov/products/GAO-22-106037>.

House Committee on the Climate Crisis Request for Information. Recommendations from the Building Better Buyouts Network. November 2019.

## CONGRESSIONAL, LEGISLATIVE and COMMITTEE BRIEFINGS (continued)

Department of Homeland Security Centers of Excellence. Congressional Briefing. June 2018. Washington, D.C.

American Meteorological Association. Congressional Briefing. November 2017. Washington, D.C. *Resiliency Policy*.

National Academies, Institute of Medicine. The Institute of Medicine's Committee on Post-Disaster Recovery of a Community's Public Health, Medical and Social Services. January 2014. Washington, D.C. *Community Planning and Disaster Recovery*.

Disasters Roundtable, National Research Council / National Academies. July 2012. Washington, D.C. *What are the Seminal Pieces of Legislation that Affect Integrated Recovery?* Panel Member.

Disasters Roundtable, National Research Council / National Academies. July 2012. Washington, D.C. *Disaster Recovery: Overview of the Legislative and Legal Landscape*.

National Academies Disasters Roundtable and National Academy of Environmental Design. Disaster Resilient Design Workshop. October 2010. Washington, D.C. *Key Factors Influencing the Integration of Disaster Resilient Design and Sustainable Development Principles into Pre- and Post-Event Hazards Management Planning*. Panel Member.

Rebuilding for Resilience: How Science and Engineering Can Inform Haiti's Reconstruction. National Science and Technology Council Subcommittee on Disaster Reduction. *Assessing the Disaster Recovery Assistance Framework: Planning for Post-disaster Recovery*. Miami Florida, March 22, 2010. Panel Member.

Disasters Roundtable, National Research Council / National Academies. February 2009. Irvine, California. *Cascading Disasters: How Disasters Unfold. Achieving Sustainability in Recovery Strategies*. Panel Member.

New Zealand National Security Council. *Emergency Housing and Disaster Recovery*. July 2008.

University of North Carolina, Program on Public Life. Briefing for Members of the North Carolina General Assembly. May 28, 2008. *North Carolina's Challenges in Preparing for Natural Hazards and Disasters*.

Disasters Roundtable, National Research Council / National Academies. October 2007. Washington, D.C. *Recovery from Disaster. Status of Recovery in Mississippi Since Hurricane Katrina*. Panel Member.

## CONGRESSIONAL, LEGISLATIVE and COMMITTEE BRIEFINGS (continued)

Government Accountability Office. Senate Homeland Security and Governmental Relations Committee. July 2007. *Improving Disaster Recovery*. Phone Interview.

National Institute of Building Sciences. Board of Directors Meeting. Washington, D.C. May 2007. *The Potential Role of NIBS in the Field of Hazards Management*.

Disasters Roundtable, National Research Council / National Academies. March 2007. Washington, D.C. Protecting Lives and Property at our Coastlines: It's More than Katrina. *Coastal Hazard Impacts and Nationwide Economic Ripples*. Panel Member.

Congressional Briefing of the Natural Hazards Caucus, National Research Council / National Academies. Washington, D.C. March 2007. *Coastal Hazards Roundtable*.

National Science Foundation. Katrina 2006 Research Symposium – Social Science Research of the Katrina Aftermath. New Orleans, Louisiana. November 2006. *Proposed Model of Disaster Recovery and its Application Following Hurricane Katrina in Mississippi*.

National Homebuilders Association Conference. Orlando, Florida. March 2006. News Conference on Hurricane Katrina Housing Recovery.

Emergency Management Accreditation Program Review. Raleigh, North Carolina. January 2002. *The North Carolina Response to Review Committee Findings*.

Heinz Center for Science, Economics and the Environment, Coastal Symposium. Human and Environmental Links to Natural Disasters: Strengthening Coastal Communities. Raleigh, North Carolina. May 2001. *Hurricane Floyd: it's Impact on Communities in North Carolina*.

National Emergency Management Association, Mid-Year Conference. Washington, D.C. February 2001. *Briefing of the North Carolina Congressional Delegation*.

National Emergency Management Association, Mid-Year Conference. Washington, D.C. February 2000. *Briefing of the North Carolina Congressional Delegation*.

National Emergency Management Association, Mid-Year Conference. Washington, D.C. February 1999. *Briefing of the North Carolina Congressional Delegation*.

National Emergency Management Association, Mid-Year Conference. Washington, D.C. February 1998. *Briefing of the North Carolina Congressional Delegation*.

National Emergency Management Association, Mid-Year Conference. Washington, D.C. February 1998. *Presentation of findings, NEMA Project Impact Subcommittee*.

## COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS

University of Queensland. Twenty Years of Personal Research and Practice: Lessons for Community-Led Relocation. Brisbane, Australia. July 2026.

51st Natural Hazards Workshop. A Conversation about the Evolving Status of FEMA: Updates and Implications. Broomfield, Colorado. June 2026.

North Carolina State University. KIETS Lecture Series. Community-Led Relocation: Lessons from Research and Practice. Morehead City, North Carolina. May 2026.

Moderator. International Community of Practice: Assisted Relocation Meeting. Raleigh, North Carolina. April 2026.

International Community of Practice: Assisted Relocation Meeting. *Proposed Applied Research, Engagement, and Teaching Agenda*. Raleigh, North Carolina. April 2026.

Guest Lecture. Public Administration 553/798. Disaster, Crisis, and Emergency Management. *The Role of the State in Disaster Recovery: Policy and Politics*. North Carolina State University. Raleigh, North Carolina. March 2026.

Guest Lecture, Graduate Seminar - Global One Health Fellows. *Post-Hurricane Impacts in North Carolina*. North Carolina State University. Raleigh, North Carolina. March 2026.

Guest Lecture, Climate Change and Society. *Planning for Community-Led Relocation in an Era of Climate Change: Lessons from Research and Practice (Opportunities and Areas for Improvement)*. North Carolina State University. Raleigh, North Carolina. January 2026.

University of Missouri, Kansas City. *Buyouts and Community-Led Relocation: Pressing Research Questions and Practice-Based Needs*. November 2025.

North Carolina State University. Research Week. *Lightning Round Presentation – Community-Led Relocation*. October 2025.

North Carolina State University. Landscape Architecture and Environmental Planning Lecture Series. *Community-Led Relocation in an Era of Climate Change: Lessons from 20 Years of Research and Practice*. October 2025.

North Carolina State University. Think and Do: Climate Challenges and Solutions. Climate Leaders Symposium. *Hazard Mitigation and Disaster Recovery: The Case of Little Sugar Creek*. October 2025.

North Carolina State University. Guest Lecture, Healthy and Smart Cities. *Climate Change Adaptation and Community-Led Relocation*. September 2025.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

50<sup>th</sup> Natural Hazards Workshop. Concurrent Session. *Community-Led Relocation: 20 Years of International Research*. Broomfield, Colorado. July 2025.

50<sup>th</sup> Natural Hazards Workshop. Concurrent Session. *25 Years of Hazards Planning: Now What?* Broomfield, Colorado. July 2025.

North Carolina State University. KIETS Lecture Series. *Community-Led Relocation: Lessons from Research and Practice*. Morehead City, North Carolina. May 2025.

North Carolina State University. Leaders Council Spring Meeting. *Disaster Resilient Research, Policy Counsel, and Education*. Raleigh, North Carolina. April 2025.

North Carolina State University. Scholar Success Series. Mansour and Goodnight Doctoral Fellows Program. *When Disaster Strikes: An Interdisciplinary Approach*. Raleigh, North Carolina. March 2025.

North Carolina State University. Guest Lecture, Climate Change and Society. *The Coastal Hazards Overlay District Guide: Creating More Resilience Communities*. Raleigh, North Carolina. January 2025.

1890-Extension Disaster Education Network Advisory Group. University Direct Technical Assistance Network: Assisting Under-Resourced Communities Write Hazard Mitigation Grants. September 2024.

North Carolina State University. Healthy and Smart Cities. *Seminar: International Lessons on Managed Retreat*. Raleigh, North Carolina. September 2024.

49<sup>th</sup> Natural Hazards Workshop. Concurrent Session. *Beyond Buyouts: Stories of Community-Driven Relocation*. Broomfield, Colorado. July 2024.

North Carolina State University. Coastal Resilience and Sustainability Initiative. *Seminar: International Lessons on Managed Retreat*. Raleigh, North Carolina. February 2024.

North Carolina State University. Curated Speaker Roundup. University Direct Technical Assistance. Raleigh, North Carolina. October 2024.

North Carolina State University. New Faculty Research Orientation. *How to Find and Acquire Funding*. Raleigh, North Carolina. January 2024.

North Carolina State University. Guest Lecture, Climate Change and Society. *The Buyout of Flood-Prone Housing: Lessons for Managed Retreat*. Raleigh, North Carolina. January 2024.

## COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)

North Carolina State University Guest Lecture. *Buyouts and Elevation: Lessons for Managed Retreat*. Smart and Healthy Cities Seminar, Department of Landscape Architecture and Environmental Planning. Raleigh, North Carolina. September 2023.

University of Victoria, Wellington Lunchtime Lecture. *Buyouts and Elevation of Hazard-Prone Housing: Sharing Planning and Design Lessons Learned and not Learned for Managed Retreat*. September 2023.

University of Victoria, Wellington. *Buyouts and Elevation of Hazard-Prone Housing: Sharing Planning and Design Lessons Learned and not Learned for Managed Retreat*. September 2023.

University of Auckland. *Buyouts and Elevation of Hazard-Prone Housing: Sharing Planning and Design Lessons Learned and not Learned for Managed Retreat*. Masters of Urban Design Course. September 2023.

University of Auckland. *Buyouts and Elevation of Hazard-Prone Housing: Sharing Planning and Design Lessons Learned and not Learned for Managed Retreat*. Urban Planning Studio. September 2023.

48<sup>th</sup> Natural Hazards Workshop. Plenary. Ethical Obligations to Current and Future Generations of the Natural Hazards Workforce. *Developing a National Network of University Faculty, Extension Experts, and Students to Assist Under Resourced Communities Enhance their Level of Disaster Resilience*. Broomfield, Colorado. July 2023.

The HighWaters Evaluation Project. *Flood Hazard Risk Reduction: Lessons Learned and Not Learned*. University of Lisbon. Lisbon, Portugal. June 2023.

1<sup>st</sup> Annual Sustainable Futures Conference: Resilience to Extreme Events. *Infrastructure Challenges and Opportunities as Understood in the Disaster Recovery and Climate Change Adaptation Context: Lessons Learned and Not Learned*. Anglia Ruskin University. Cambridge, England. June 2023.

North Carolina State University. Guest Lecture, Climate Change and Society. *The Buyout of Flood-Prone Housing: Lessons for Managed Retreat*. Raleigh, North Carolina. February 2023.

University of Colorado at Denver. Guest Lecturer, Climate Change and Disaster Recovery Planning Course. *Linking Climate Change Adaptation, Disaster Recovery, and Hazard Mitigation through Buyouts and Managed Retreat*. October 2022.

## COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)

North Carolina State University Climate Leaders Symposium. Socio-Economics and Policy Panel. *The Buyout of Flood-Prone Housing: Lessons for Managed Retreat*. Raleigh, North Carolina. October 2022.

Natural Hazards Researchers Meeting. *Applied Hazard Mitigation Research: Findings and Implications for Community Resettlement*. Broomfield, Colorado. July 2022.

Keenan Institute of Engineering, Science, and Technology. North Carolina State University. Climate Leaders Program Intensive Academy. *Climate Change Adaptation Issues and Impacts*. May 2022.

University of Virginia. Guest Lecturer, Coastal Resilience Course. *The Acquisition of Hazard-Prone Housing: Lessons for Strategic Retreat in an Era of Climate Change*. February 2022.

North Carolina State University, Center for Marine Sciences and Technology Seminar Series. *Developing Sound Nature-Based Solutions in an Era of Climate Change: Linking Social and Ecological Systems*. January 2022.

North Carolina State University, Coastal Resilience and Sustainability Initiative Panel. *Coupled Human and Natural Systems*. November 2021.

Association of Collegiate Schools of Planning Annual Meeting. *Non-Academic Career Paths for Planning PhD's*. October 2021.

Extension Disaster Education Network Annual Meeting. *The Hurricane Matthew Disaster Recovery and Resilience Initiative: Blending Research, Teaching and Engagement*. Keynote. Raleigh, North Carolina. September 2021.

Natural Hazards Researchers Meeting. *Assessing the Capacity of SHMOs to Assist Communities Develop Hazard Mitigation Grants*. Broomfield, Colorado. July 2021.

46<sup>th</sup> Natural Hazards Workshop. *Creating Experts: Building Workforce Capacity Through Outside Collaboration*. Broomfield, Colorado. July 2021.

University Research Symposium. *Natural Hazards and Disaster Resilient Design*. Moderator. North Carolina State University. Raleigh, North Carolina. March 2021.

Guest Lecture, Climate Change and Society. *Planning for Natural Hazards and Disasters: Lessons for Climate Change Adaptation*. North Carolina State University. Raleigh, North Carolina. February 2021.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

North Carolina State University, University Research Committee. *Applying Disaster-Based Social Science Research to the Covid-19 Pandemic: Lessons for the NC State University Campus*. North Carolina State University. Raleigh, North Carolina. October 2020.

Southeast Climate Adaptation Science Center, Coastal Resiliency Working Group. *Comparative Study of Hazard-Prone Housing Acquisition Programs in the United States and New Zealand*. Virtual event, North Carolina State University. September 2020.

NSF-CONVERGE Workshop: Publish your Data Event. *National Survey of State Hazard Mitigation Officers*. Virtual event sponsored by the University of Colorado at Boulder. August 2020.

Guest Lecture. Architecture Studio. *Vulnerability, Disaster Resilience and the Role of Architecture in an Era of Climate Change*. North Carolina State University. Raleigh, North Carolina. August 2020.

45th Annual Natural Hazards Research and Applications Workshop. *Implementation of the Disaster Recovery Reform Act*. Plenary. Broomfield, Colorado. July 2020.

Southeast Climate Adaptation Science Center. Global Change Seminar. *Adaptation to Climate Change in Urban Areas*. North Carolina State University. Raleigh, North Carolina. April 2020. Webinar.

Guest Lecture, Climate Change and Society. *Planning for Natural Hazards and Disasters: Lessons for Climate Change Adaptation*. North Carolina State University. Raleigh, North Carolina. February 2020.

Guest Lecture, The Landscape Imperative. *Hazardscapes: Landscape Architecture and Disaster Resilience in an Era of Climate Change*. North Carolina State University. Raleigh, North Carolina. February 2020.

Guest Lecture, Barrier Islands Studio. *Disaster Resilient Design in the Coastal Zone: Lessons Learned and Not Learned*. North Carolina State University. Raleigh, North Carolina. February 2020.

The Urban Flooding Open Knowledge Network Workshop. North Carolina State University. *Grand Challenges in Urban Flooding*. Plenary. Raleigh, North Carolina. November 2019.

Buyouts Workshop. University of North Carolina. *Key Issues Surrounding the Acquisition of Hazard-Prone Communities*. Chapel Hill, North Carolina. October 2019.

## COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)

- North Carolina State University: Connecting in North Carolina. *Hurricane Matthew Disaster Recovery and Resilience Initiative: Princeville North Carolina Design Workshop*. Princeville, North Carolina. October 2019.
- 44th Annual Natural Hazards Research and Applications Workshop. *Coming Together to Build a Culture of Preparedness and Mitigation*. Plenary. Broomfield, Colorado. July 2019.
- UNC System Safety and Security Conference: Preparing for the Unexpected. *The Role of University Faculty in Advancing Resilience on Campus*. Plenary. Asheville, North Carolina. May 2019.
- University of Puerto Rico, Mayaguez. Department of Civil Engineering. *Disaster Recovery in an Era of Climate Change: The Role of the Design Community*. Mayaguez, Puerto Rico. April 2019.
- North Carolina State University. Workshop on Disaster Research at NCSU: Insights from Hurricane Florence and other Events. *Hurricane Matthew Disaster Recovery and Resilience Initiative: Blending Research, Teaching and Engagement*. April 2019.
- North Carolina State University. Doctor of Design PhD Colloquium. *Disaster Resilient Design, Ethics and Empathy*. Raleigh, North Carolina. April 2019.
- NC State University Research Symposium. Opportunities in Cross- and Multi-Disciplinary Research. *Hurricane Matthew Disaster Recovery and Resilience Initiative: Blending Interdisciplinary Research, Teaching and Engagement*. Raleigh, North Carolina. March 2019.
- NSF PREVENTS Workshop. Coupling Uncertain Geophysical Hazards. Raleigh, North Carolina. *Adapting to Climate Change: Lessons from Natural Hazards Planning*. Keynote. March 2019.
- 43rd Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. *Focusing Events: Leveraging Resources for Preparedness and Mitigation in At-Risk Communities*. Plenary. July 2018.
- 43rd Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. *Resilient Design Education: Current Status and Future Directions*. July 2018.
- University of Puerto Rico at Rio Piedras. Symposium: Planning and Resilient Recovery in Puerto Rico. *Pre- and Post-Disaster Planning as a Field of Study & Practice*. San Juan, Puerto Rico. Plenary. May 2018.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

University of North Carolina at Chapel Hill, Department of City and Regional Planning. Plan 246: Cities of the Past, Present, and Future. *Planning for Natural Hazards and Climate Change Adaptation*. Chapel Hill, North Carolina. Guest Lecturer. April 2018.

Virginia Polytechnic University Eminent Interdisciplinary Scholar Series. *The Role of States in Disaster Recovery*. Blacksburg, Virginia. April 2018.

University of North Carolina at Chapel Hill Law School. 22nd Annual Conference on Race, Class, Gender, and Ethnicity. There's No Place Like Home: Housing in Crisis. *Post-Disaster Housing Security*. Chapel Hill, North Carolina. Panel Moderator. February 2018.

Louisiana State University. Urban Resilience course. College of Art and Design. *Disasters and Design*. Baton Rouge, Louisiana. February 2018.

Louisiana State University. Coastal Ecology course. *Ecosystem Services and Disaster Resilience*. Baton Rouge, Louisiana. February 2018.

Rethinking Flood Analytics Colloquium. Coastal Resilience Center of Excellence. University of North Carolina at Chapel Hill. *Hurricane Matthew Recovery and Resilience Initiative: Linking Research, Data, and Community Engagement in Disaster Recovery Policy and Planning*. Chapel Hill, North Carolina. November 2017.

Tougaloo College. HBCU Flood and Hurricane Meeting. *Hurricane Matthew Recovery in Small North Carolina Communities*. Jackson, Mississippi. July 2017.

University of North Carolina System Economic Transformation Council. *Hurricane Matthew Disaster Recovery and Resilience Initiative*. Chapel Hill, North Carolina. July 2017.

42<sup>nd</sup> Annual Natural Hazards Research and Applications Workshop. Association of State Floodplain Managers Foundation Larry Larson Speaker Series. Plenary. Broomfield, Colorado. July 2017.

42<sup>nd</sup> Annual Natural Hazards Research and Applications Workshop. *Big Lights, Big Cities, and Big Plans for Disaster Resilience*. Broomfield, Colorado. July 2017.

Tougaloo College. Disaster Coastal Studies Research Symposium. *Hurricane Matthew Disaster Recovery and Resilience Initiative: Linking Research and Practice*. April 2017.

North Carolina State University. Hurricane Matthew DesignWeek. *Disasters and Design: Tools and Techniques to Advance Resilience*. January 2017.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

Macquarie University, Australia. *Adapting to Climate Change: International Lesson Drawing From Natural Hazards Planning in Venice, Italy and US Coastal Communities*. August 2016.

RMIT University, Australia. *Adapting to Climate Change: Lessons from Natural Hazards Planning*. August 2016.

Global Water Resource and Climate Resiliency. Duke University. *Issues and Opportunities to Advance Resilience through Natural Hazards Risk Management*. February 2016.

Center for Coastal Physical Oceanography and Mitigation and Adaptation Research Institute Seminar Series. Old Dominion University. *Planning for Natural Hazards and Climate Change Adaptation*. January 2016.

Department of Political Science Fire and Emergency Management Program. Oklahoma State University. Disaster Mitigation class lecture. *State and Local Hazard Mitigation Planning*. November 2015.

University of North Carolina at Chapel Hill. Department of City and Regional Planning. Planning For All Seminar. *Planning for Natural Hazards and Climate Change Adaptation: Lessons in Engagement and Equity*. October 2015.

Global Public Health Opportunities and Challenges in Conflict Settings and Complex Emergencies—A Learning Symposium. University of North Carolina at Chapel Hill. *The Role of Alternative Dispute-Resolution Techniques in Disaster Recovery: Lessons from Research and Practice*. October 2015.

40th Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. Hurricane Katrina Plenary Session. *Disaster Recovery in Mississippi: Lessons from Research and Practice*. Plenary. July 2015.

40th Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. Disaster Recovery Health Impact Assessments Panel. *Key Dimensions of Disaster Recovery and their Relevance to Public Health*. July 2015.

International Research Committee on Disasters Annual Meeting. Broomfield, Colorado. Climate Change Adaptation Panel. *Adapting to Climate Change: Lessons from Natural Hazards Planning*. July 2015.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

Center for Law, Environment, Adaptation and Resources Workshop on Private Sector Climate Change Adaptation. University of North Carolina at Chapel Hill. Private Property, Climate Information Disclosure, and the Role of Insurance and Government. *Need for Data and Use of Data – Refining Methodologies for Better Reliability of Risk Data*. March 2015.

Hurricanes, Major Disasters, Coastal Protection, and Rapid Recovery in Texas and the Gulf Coast Region. 6th Annual Texas Hurricane Center Conference. University of Houston. *The Role of the State in Disaster Recovery: A Comparative Analysis of Gubernatorial Leadership and State Agency Official Engagement, Collaboration and Capacity Building*. August 2014.

University of North Carolina, Institute for Defense and Business. Strategic Fellows Program. Disaster Response and Recovery Program Panel. *Disaster Recovery and the Role of the Military*. June 2014.

Bandung, Institute of Technology, Department of City and Regional Planning. Bandung, Indonesia. *Lesson Drawing from Disaster Recovery in the United States*. June 2014.

Global Research Institute Seminar Series. University of North Carolina at Chapel Hill. *Adapting to Climate Change: Lessons from Natural Hazards Planning*. April 2014.

University of North Carolina Climate Change Symposium. University of North Carolina at Chapel Hill. *Linking Climate Change Adaptation and Natural Hazards Management Through Planning*. April 2014.

North Carolina State University, College of Design. Coastal Dynamics course. *Disasters and Design: The Role of Planning and Architecture in Hazard Mitigation and Disaster Recovery*. April 2014.

Cities, Rivers and Cultures of Change: Rethinking and Restoring the Environments of the Global American South. University of North Carolina at Chapel Hill. *Disasters in the American South: Socio-Cultural, Ecological, and Economic Conditions that Presage Extreme Events and Influence Recovery Outcomes*. February 2014.

Environmental Studies Capstone Course, Vulnerability Assessment of Beaufort County, North Carolina. University of North Carolina at Chapel Hill. February 2014. *Belhaven, North Carolina: The Elevation of a Vulnerable Coastal Town*.

Yale Urban Ecosystems Services Symposium. January 2014. Yale University. *Coastal Adaptation and Resilience to Storm Events and Sea Level Rise*.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

Disaster Recovery Planning Course, University of Colorado at Denver. January 2014. *Planning for Disaster Recovery: Challenges and Opportunities: An Institutional Perspective.*

The Mayor's Institute on City Design-South. December 2013. Louisiana State University. *The Role of Planning and Design in Creating Disaster Resilient Communities.*

National Strategic Maritime Risk Stakeholder Alliance Meeting. November 2013. Purdue University. Panel: Climate Change, Natural Disaster, and the Maritime Environment. *Adapting to Climate Change: Lessons from Natural Hazards Planning.* Moderator and panel member.

Louisiana State University, Coastal Sustainability Studio Webinar Series. September 2013. Louisiana State University Coastal Sustainability Studio. *Reducing Risk through Ordinances, Codes and Design: The Integrative Role of Planning.*

Department of City and Regional Planning Faculty Research Seminar. October 2013. University of North Carolina at Chapel Hill. *Adapting to Climate Change: Lessons from Natural Hazards Planning.*

Workshop on Urban Planning for Climate Events. September 2013. Rutgers University, Center for Discrete Mathematics and Theoretical Science and the Command, Control, and Interoperability Center for Advanced Data Analysis. *Adapting to Climate Change: Lessons from Natural Hazards Planning.*

38th Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. July 2013. *Assessing the Quality of State and Local Hazard Mitigation Plans in the United States: Findings, Policy Implications and Proposed Solutions.*

38th Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. July 2013. Plenary: Integrating Climate Adaptation into Federal Policy. *Adapting to Climate Change: Lessons from Natural Hazards Planning.*

5<sup>th</sup> Annual Texas Hurricane Conference. Houston, Texas. July 2013. University of Houston, Texas Hurricane Center for Innovative Technology. *Climate Change Adaptation and Natural Hazards Risk Management.*

University of Hawaii. Natural Disaster Preparedness Center. June 2013. Visiting Instructor in team taught course. PLAN 740 Disaster Recovery: Concepts, Policies and Approaches.

University of Houston at Clear Lake. Clear Lake City, Texas. April 2013. *The Geography of Natural Hazards and Disasters: Case Studies of Mississippi and North Carolina following Major Disasters.*

## COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)

Harvard University, Graduate School of Design. Cambridge, Massachusetts. April 2013.  
*Lessons from Natural Hazards Planning: Adapting to Climate Change.*

Harvard University, Graduate School of Design. Cambridge, Massachusetts. March 2013.  
GSD 5342. Creating Resilient Cities. Class lecture. *Disaster Recovery and the Role of the Planning and Design Community.*

Duke University Center for International Development, Sanford School of Public Policy.  
Durham, North Carolina. Kunshan Young Leaders' Program on Economic Upgrading & Transformation and Modern Service Business. October 2012. *Recovery and Risk Reduction: Two Approaches to Infrastructure Planning Post-Disaster. Lessons for Kunshan City, China.*

Duke University Center for International Development, Sanford School of Public Policy.  
Durham, North Carolina. September 2012. *Coastal Resilience in the Age of Climate Change: Disaster Recovery Planning Across Infrastructure, Community and Government, Lessons for Fujian Province, China.*

Duke University Center for International Development, Sanford School of Public Policy.  
Durham, North Carolina. September 2012. *Infrastructure Planning and Disaster Recovery: A Case Study of the Houston, Galveston Bay Area after Hurricane Ike, Lessons for Fujian Province, China.*

4<sup>th</sup> Annual Texas Hurricane Conference. Hurricanes, Major Disasters, Coastal Protection and Rapid Recovery in Texas and the Gulf Coast Region. University of Houston. Houston, Texas. August 2012. *Housing Recovery and Resilience: Assessing the Constraints and Facilitators of Post-Disaster Housing Recovery in Vulnerable Coastal Communities.*

Institute for Defense and Business, University of North Carolina. Chapel Hill, North Carolina. Strategic Fellows Program. July 2012. *Planning for Post-Disaster Recovery.*

37<sup>th</sup> Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. July 2012. Panel: An Assessment of the Quality of Local Hazards Mitigation Plans. *Local Mitigation Planning: Better Plans, More Resilient Communities?*

37<sup>th</sup> Annual Natural Hazards Research and Applications Workshop. Broomfield, Colorado. July 2012. Plenary. *Planning for Post-Disaster Recovery: a Review of the United States Disaster Assistance Framework.*

University of Hawaii. Natural Disaster Preparedness Center. June 2012. Guest Lecture and Workshop: Summer Program. *Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework.*

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

Texas A&M University at Galveston Speaker Series. Galveston, Texas. April 2012.  
*Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework.*

University of Vermont Law School. April 2012. After Irene: Law and Policy Lessons for the Future. Plenary. *Dealing with Disaster in the Era of Climate Change.*

Duke University. Durham, North Carolina. February 2012. Course title: Natural Disasters: Policy, Planning and Politics. *The Role of Planning and Design in Disaster Recovery.*

Mississippi College, School of Law. Jackson, Mississippi. November 2011. *The Role of Law and Policy in Hazard Mitigation and Disaster Recovery.*

Harvard University Graduate School of Design. Cambridge, Massachusetts. October 2011.  
*The Role of Planning and Design in Disaster Recovery.*

Harvard University Graduate School of Design. Cambridge, Massachusetts. October 2011.  
*Pre-Event Planning for Post-Disaster Recovery.*

Virginia Polytechnic University Research Center. Arlington, Virginia. September 2011.  
Second Conference on Community Resiliency. Technology, Policy and Resiliency:  
Moving Resiliency from Concept to Reality. *Planning for Post-Disaster Recovery.*  
Panel Member, Dimensions of Resilience.

Hazards Research and Applications Workshop. Broomfield, Colorado. July 2011. *Planning for Post-Disaster Recovery: A Review of the United States Disaster Recovery Assistance Framework.* Panel Member, Theorizing Disaster Recovery.

The Hong Kong Polytechnic University. Hong Kong. May 2010. *Building a Multi-disciplinary Research Center: Lessons and Opportunities for Collaboration.*

City University of Hong Kong. Hong Kong. May 2010. *Climate Change Adaptation and Hazard Mitigation.*

Chinese University of Hong Kong. Hong Kong. May 2010. *Hazards Management and Climate Change Adaptation.*

Hong Kong University of Science and Technology. May 2010. *Hazards Management and Climate Change Adaptation.*

Hazards Research and Applications Workshop. Boulder, Colorado. July 2009. *Long-Term Recovery: A Neglected Component of Emergency Management.* Panel Member.

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

Hazards Research and Applications Workshop. Boulder, Colorado. July 2009. *Bridging the Gap: Where's the Applied Multidisciplinary Research?* Moderator.

University of New Orleans. New Orleans, Louisiana. June 2009. *Observations on Recovery: Presentation to Long-Term Recovery Research Panel.*

International Research Committee on Disasters Researchers Meeting. Boulder, Colorado. May 2009. *The Disaster Recovery Assistance Framework: Planning for Recovery.*

Hazards Research and Applications Workshop. Boulder, Colorado. July 2008. *Recovery from Catastrophic Events: Katrina and other Potential Catastrophes.* Plenary Session.

Hazards Research and Applications Workshop. Boulder, Colorado. July 2008. *Research from The Department of Homeland Security Centers of Excellence.* Panel Member.

Massey University. Palmerstown North, New Zealand. July 2008. *The United States Disaster Recovery Framework: Observations and Recommendations for Improvement.*

University of North Carolina at Chapel Hill. Chapel Hill, North Carolina. March 2008. The Center for the Study of the American South. Panel Presentation. *Disaster Recovery in Mississippi: The Application of Research to Practice.*

Duke University. Durham, North Carolina. February 2008. Triangle Center on Terrorism and Homeland Security. *Creating a New Disaster Assistance Framework: The Role of Planning and Policy.*

Hazards Research and Applications Workshop. Boulder, Colorado. July 2007. *The Role of Planners in the Rebuilding Process.* Panel Member.

The Hazards and Disaster Researchers Meeting. Boulder, Colorado. July 2007. Plenary Session Preparing for the Best and Worst of Times. *A Review of the United States Disaster Assistance Framework: Planning for a Sustainable Recovery.* Moderator and Panel Member.

Texas A&M University, College of Landscape Architecture and Urban Planning Lecture Series. College Station, Texas. October 2006. *The Role of Planning and Design in Sustainable Disaster Recovery.*

Carl Small Town Center. Mississippi State University College of Architecture, Art and Design. Mississippi Gulf Coast Your Town Citizens' Institute on Rural Design Workshop. Biloxi, Mississippi. October 2006. Opening Remarks. *Rebuilding the Mississippi Gulf Coast Using Sustainable Development Principles.*

## **COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)**

University of North Carolina at Chapel Hill. Center for Urban and Regional Studies Symposium. Chapel Hill, North Carolina. October 2006. *The Application of a Proposed Model of Disaster Recovery Following Hurricane Katrina in Mississippi.*

Mississippi Institutions of Higher Learning. Mississippi Economic Outlook Conference. October 2006. *Economic Impacts and Opportunities in Recovery Following Hurricane Katrina.*

Hazards Research and Applications Workshop. Boulder, Colorado. July 2006. Plenary Session. *Proposed Model of Disaster Recovery and its Application Following Hurricane Katrina in Mississippi.*

University of Mississippi, School of Business Insurance Symposium. Oxford, Mississippi. April 2006. *The Role of Insurance in Disaster Recovery.*

Seminar: Land Use and Sprawl. University of North Carolina at Chapel Hill, Department of City and Regional Planning. September 2005. *Hazards, Disasters and Land Use: Comparing Hurricane Floyd and Katrina.* Guest lecturer.

University of Washington, Seattle, Washington. January 2005. Symposium 2005: Best Practices in Risk Reduction for Colleges and Universities. *Creating a Disaster Resistant University: A Proposed Approach.*

North Carolina Institute of Disaster Studies. Raleigh, North Carolina. November 2004. *Determining Disaster Data Needs for a Multi-Stage, Multi-Disaster Context.* Workshop Facilitator.

Chungbuk National University Emergency Management Workshop. *Provincial and Local Emergency Management Roles in Korea.* Cheongju, South Korea. October 2004.

Department of Public Administration, Chungbuk National University. Cheongju, South Korea. October, 2004. *Roles and Responsibilities of State and Local Emergency Management Officials in the United States.* Guest lecturer.

Virginia Mitigation Summit. Charlottesville, Virginia. June 2004. *Mitigation and Community Sustainability.*

Virginia Mitigation Summit. Charlottesville, Virginia. June 2004. Keynote. *Guiding Principles for the Quality Redevelopment of Eastern North Carolina.*

## COLLEGE and UNIVERSITY GUEST LECTURES and PRESENTATIONS (continued)

The State of Hazards Research, Instruction and Outreach in North Carolina: Setting an Agenda for the Institute of Disaster Studies. East Carolina University, Greenville, North Carolina. May 2003. *Linking Research and Practice: The Role of Academia in Emergency Management*.

27<sup>th</sup> Annual Hazards Research and Applications Workshop. Boulder, Colorado. July 2002. *Roundtable on Land Use as a Mitigation Tool and the 10 Most Needed Research Questions*.

Coastal Zone Management. Texas A&M University, Department of Wildlife and Fisheries Science. April 2002. *Hazard Mitigation Planning in the Coastal Zone*. Guest lecturer.

Disaster Recovery Engineering. University of North Carolina, Charlotte, School of Engineering. April 2002. *Inter-organizational Relationships and Policy Making: Key Factors Shaping Disaster Recovery in North Carolina and the Nation. Presentation of Preliminary Findings*. Guest lecturer.

26<sup>th</sup> Annual Hazards Research and Applications Workshop. Boulder, Colorado. July 2001. *Shifts in Hazard Management in the 21<sup>st</sup> Century*.

East Carolina University Hazards Conference. Of People, Places and Progress: Extended Recovery on the Coastal Plain. Greenville, North Carolina. May 2001. *Decision-making on the Coastal Plain: The Sociopolitical Context*.

Directions in Hazard Mitigation: Breaking the Disaster Cycle. University of North Carolina at Chapel Hill, Department of City and Regional Planning. April 2001. *The Disaster Mitigation Act of 2000*. Guest lecturer.

New Directions in Hazard Mitigation: Breaking the Disaster Cycle. University of North Carolina at Chapel Hill, Department of City and Regional Planning. January 2001. *Implementing Mitigation and Recovery at the State Level*. Guest lecturer.

25<sup>th</sup> Annual Hazards Research and Applications Workshop. Boulder, Colorado. July 2000. *Measuring Mitigation Successes*. Panel member.

23<sup>rd</sup> Annual Hazards Research and Applications Workshop. Boulder, Colorado. July 1998. *Hazard Mitigation Planning*. Panel member.

## CONFERENCE and WORKSHOP PRESENTATIONS

Practitioner Exchange for Effective Response to Sea Level Rise (PEERS). Oceania Webinar. *Planned Relocation*. October 2025.

American Planning Association / Federal Emergency Management Agency Webinar. Planning Information Exchange. *25 Years of the Disaster Mitigation Act of 2000: What Now?* October 2025.

American Society of Landscape Architects Annual Meeting. *Coastal Hazards Overlay District*. New Orleans, Louisiana. October 2025.

Western Australia Planning Commission. *Community-Led Relocation Policy Briefing*. Perth, Australia. August 2025.

Australasian Fire and Emergency Service Authorities Council (AFAC) 2025. Keynote. *International Community of Practice: Community-Led Relocation in Australia, New Zealand, and the United States*. Perth, Australia. August 2025.

Natural Hazards Research Australia. Annual Conference. *Community of Practice: Managed Retreat Workshop*. Adelaide, Australia. June 2025.

Association of State Floodplain Manager's National Conference. *Plenary Speaker. 20 Year's After Katrina: Building Resilience for the Next Generation*. New Orleans, Louisiana. May 2025.

Maryland Department of Natural Resources, Critical Area Commission. *Coastal Hazards Overlay District and Resiliency Planning*. Webinar. May 2025.

Maryland Department of Natural Resources, Critical Area Commission. *Coastal Hazards Overlay District*. Webinar. April 2025.

American Planning Association Annual Conference. *25 Years of Hazards Planning: Now What?* Denver, Colorado. March 2025.

Coastal Flood Resilience Project. *Coastal Hazards Overlay District Guide*. Webinar. March, 2025.

Southeast and Caribbean Disaster Resilience Partnership. *Communicating and Connecting with Underserved Communities to Build Resilience*. *University Direct Technical Assistance Program*. Wilmington, North Carolina. January 2025.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Roundtable with the New Zealand National Emergency Management Agency, Prime Minister's Office, Ministry for the Environment, and the Department of Internal Affairs. *Buyouts and Lessons for Community-Led Relocation in New Zealand*. Wellington, New Zealand. December 2024.

Seminar. New Zealand, National Emergency Management Agency. *Hurricane Helene Impacts and Recovery*. Wellington, New Zealand. December 2024.

Presentation. KPMG-Hosted Adaptation Network. *Nature and Scale of Hurricane Helene Impacts*. Wellington, New Zealand. December 2024.

Extension Disaster Education Network Annual Conference. *University Direct Technical Assistance Program*. Salt Lake City, Utah. October 2024.

1890 Extension Disaster Education Network Advisory Council Meeting. *University Direct Technical Assistance Program*. Online. October 2024.

National Science Foundation. Long-Term Community Resilience Research Infrastructure Workshop. Partnerships with Communities. Washington, D.C. October 2024.

Maryland Coast Smart Council. *Overview of the Coastal Hazards Overlay District Guidebook*. Maryland Smart Growth Council. Annapolis, Maryland. August 2024.

New Zealand Institute of Landscape Architects Annual Conference. Conference Theme: WHAKAWHITI (ENGAGE). Keynote. *Engaging with Under-resourced Communities to Advance Resilient Design Strategies*. Wellington, New Zealand. May 2024.

Australian Floodplain Managers Annual Conference. Keynote. *The Application of Flood Risk Reduction Techniques: Lessons for Community-Led Relocation*. Brisbane, Australia. May 2024.

Australian Floodplain Managers Annual Conference. Workshop Participant. *Pre-Conference Morning Workshop: The data is in – How can we use research to shape change?* Brisbane, Australia. May 2024.

Australian Floodplain Managers Annual Conference. Workshop Lead. *Pre-Conference Afternoon Workshop: Rising to the Challenge – Learning from flood hazards to build resilient communities*. Brisbane, Australia. May 2024.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

27th Coastal and Estuarine Research Federation (CERF) Conference. Plenary: Resilience and Recovery. *The Role of Land Use Planning and Design: Lessons Learned and Not Learned to Address Natural Hazards Risk Reduction, Disaster Recovery, and Climate Change Adaptation*. Portland, Oregon. November 2023.

Making Mitigation Work. FEMA and University of Colorado Webinar. *Direct Technical Assistance Advancing Resilience in Underserved Communities: Creating a University Network*. November 2023.

American Planning Association. World Planning Day. How can Planners Support Recovery from Urban Crises and Build Adaptability to Future Challenges? *Sustainability and Resilience Through Planning*. Plenary Session. November 2023.

Christchurch City Council. *The Acquisition (Buyout) of Hazard-Prone Properties: Sharing Strategies and Lessons Learned (and not learned) for Managed Retreat*. Christchurch, New Zealand. September 2023.

New Zealand Planning Institute Seminar. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Christchurch, New Zealand. September 2023.

New Zealand Earthquake Commission Seminar. *The Acquisition (Buyout) of Hazard-Prone Properties: Sharing Strategies and Lessons Learned (and not learned) for Managed Retreat*. Wellington, New Zealand. September 2023.

Workshop with New Zealand Central Government Agencies. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Wellington, New Zealand. September 2023.

Northland Regional Council Meeting. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Auckland, New Zealand. September 2023.

New Zealand Planning Institute Seminar. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Auckland, New Zealand. September 2023.

New Zealand Planning Institute Seminar. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Wellington, New Zealand. September 2023.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

New Zealand Planning Institute Seminar. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Hastings, New Zealand. September 2023.

New Zealand Planning Institute Seminar. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Christchurch, New Zealand. September 2023.

Queensland Infrastructure Protection Division. *Home Elevation and Community Design Standards: Lessons Learned and not Learned for Flood Hazard Risk Reduction*. Brisbane, Australia. September 2023.

Queensland Reconstruction Authority. *Buyouts: Lessons Learned and Not Learned for Managed Retreat*. Brisbane, Australia. September 2023.

Members of the Australian Parliament and National Agency Leaders. Hosted by Suncorp and Natural Hazards Research Australia. *The Acquisition (Buyout) of Hazard-Prone Properties: Sharing Strategies and Lessons Learned (and not Learned) for Managed Retreat*. Canberra, Australia. September 2023.

National Emergency Management Agency Australia and New South Wales Reconstruction Authority. *The Acquisition (Buyout) and Elevation of Hazard-Prone Properties: Sharing Lessons Learned (and not Learned) for Managed Retreat*. Canberra, Australia. September 2023.

Resilient Sydney. Committee Meeting. Keynote. *Managing Natural Hazards through Land Use Tools and Techniques: Lessons Learned and Not Learned*. Sydney, Australia. September 2023.

CONVERGE: An Immersive Experience in Transdisciplinary Societal Problem Solving. Plenary Session. *Interdisciplinary Problem Solving*. Baltimore, Maryland. August 2023.

Congress for New Urbanism 31<sup>st</sup> Annual Conference. *Coastal Hazards Overlay District: Applications in New Urbanist Communities*. Charlotte, North Carolina. June 2023.

Association of State Floodplain Managers National Conference. *Reframing Retreat: Buyouts and Other Proactive Approaches for Moving People and Property out of Harm's Way*. Opening Plenary. Raleigh, North Carolina. May 2023.

Association of State Floodplain Managers National Conference. *Resilient NC: 25+ Years of Mitigation Planning and Implementation*. Raleigh, North Carolina. May 2023.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

- Association of State Floodplain Managers National Conference. *The History of Hazard Mitigation in North Carolina*. Training Workshop. Raleigh, North Carolina. May 2023.
- Natural Hazards Research Australia. Webinar. *Rising to the Challenge – Learning from Natural Hazards to Build Resilient Communities*. February 2023.
- Southeastern and Caribbean Disaster Resilience Partnership Annual Meeting. Responding to the Urgency: Working Together to Build Effective and Inclusive Resilience. *Developing a National Cadre of Land Grant and Minority Serving Institutions to Assist Under-resourced Communities Develop and Implement Resilience Strategies*. Miami, Florida. January 2023.
- National Academies of Science, Managed Retreat on the Gulf Coast Study. *Expert Roundtable Discussion Perspectives and Approaches to Property Acquisitions: Challenges and Lessons Learned*. Moderator. Houma, Louisiana. December 2022.
- National Science Foundation People on the Move in a Changing Climate (PEMOCC). Plenary – Southeastern Region: Climate Mobility and Social Justice. *Lessons from Applied Research Tied to the Acquisition of Hazard-Prone Housing*. Atlanta, Georgia. November 2022.
- National Academies of Science, Managed Retreat on the Gulf Coast Study. Workshop 2: Opportunities & Challenges of Climate Adaptation on Florida’s Gulf Coast. *Planning for Affordable Housing Panel*. Moderator. Saint Petersburg, Florida. July 2022.
- New Zealand Planning Institute Annual Conference. *A Comparative Study of Hazard-Prone Housing Acquisition Programs in the US and New Zealand: Lessons for National Managed Retreat Strategies in both Countries*. June 2022.
- American Institute of Architects, North Carolina Chapter. Climate Academy, Program on Resiliency. *Resiliency and Regenerative Design*. April 2022.
- Southeast and Caribbean Disaster Resilience Partnership Annual Conference. Unique Communities, Shared Challenges: Building Resilience, Equitably. *Managed Retreat*. Moderator and Panelist. January 2022.
- National Academies of Sciences, Engineering and Medicine. Resilient America Roundtable. *Equitable and Resilient Infrastructure Investments*. January 2022.
- Water Adaptation to Ensure Regional Success (WATERS) Summit. *Disaster Recovery Lessons Learned and not Learned*. Panel. Greenville, North Carolina. October 2021.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

American Institute of Architects Committee on the Environment (COTE) Lecture. Design for Climate Change and Resilient Design. *Disaster Resilient Design in the Era of Climate Change*. Virtual. October 2021.

Building Better Buyouts Meeting. *Applied Hazard Mitigation Research: A Comparative Study of Buyouts in the United States and New Zealand*. July 2021.

Hazard Mitigation Partners Workshop. *Applied Hazard Mitigation Research: A National Survey of State Hazard Mitigation Officers and a Comparative Study of Buyouts in the United States and New Zealand*. May 2021.

FEMA Making Mitigation Work Webinar. *Applied Hazard Mitigation Research*. April 2021.

Briefing of FEMA Flood Insurance and Mitigation Administration. *NC State Research Team Overview: Findings and Future Work*. March 2021.

Southeast & Caribbean Disaster Resilience Partnership Annual Workshop. *Green Infrastructure & The Evolution of BRIC*. Moderator. January 2021.

Southeast & Caribbean Disaster Resilience Partnership Annual Workshop. *Applied Research and Community Engagement*. Moderator. January 2021.

NOAA Office for Coastal Management and North Carolina Sea Grant. Floodplain Resilience: Communities Sharing Strategies and Lessons Learned Panel. October 2020.

U.S. Virgin Islands Office of Disaster Recovery. *Disaster Recovery in the U.S. Virgin Islands following Hurricanes Irma and Maria: Lessons from Practice and Research*. July 2020.

North Carolina Association of Floodplain Manager's Continuing Education Webinar. *Linking Applied Buyout Research, Education and Practice to Advance Disaster Resilience*. May 2020.

Queensland Reconstruction Authority Briefing. *State-level Resilience Lessons Learned and not Learned in the United States: The Importance of Building and Sustaining Capacity*. Webinar. April 2020.

Federal Emergency Management Agency, National Training and Education System, Higher Education Program. *Graduate Certificate Program in Disaster Resilient Policy, Engineering and Design*. Webinar. January 2020.

GNS Science. *Assessing the United States Approach to Hazard-Prone Housing Acquisition Programs*. Wellington, New Zealand. December 2019.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

- American Society of Landscape Architecture Annual Conference. Modeling and Experimental Strategies to Inform Coastal Adaptation, Restoration and Living Shorelines. *Disaster Resilient Design: Bridging Data and Action*. San Diego, California. November 2019.
- FEMA Plan Effectiveness Committee. *Measuring Plan Quality and Effectiveness: Lessons Learned and Not Learned* (webinar). Washington, D.C. November 2019.
- North Carolina Disaster Recovery Roundtable. *How do you Plan for It: Disaster Recovery and Resiliency*. Keynote. Lumberton, North Carolina. April 2019.
- American Council of Engineering Companies and the Professional Engineers of North Carolina. Environment and Energy Educational Event. *Planning for Climate Change and Natural Hazards Resilience*. Raleigh, North Carolina. February 2019.
- Water Technologies Group. *Planning for Natural Hazards and Climate Change Adaptation*. Brisbane, Australia. October 2018.
- Queensland Reconstruction Authority. *Enhancing Resilience, Disaster Recovery, and Climate Change Adaptation Outcomes through International Lesson-Drawing: Integrating Queensland's Community of Practice and the University of North Carolina at Chapel Hill's International Learning Lab*. Brisbane, Australia. October 2018.
- Queensland Reconstruction Authority. *Coordinating Post-Disaster Assistance: Governance, Planning, and Opportunities to Inject Resilience Thinking into Recovery*. Brisbane, Australia. October 2018.
- Queensland Reconstruction Authority. Mary River Catchment Pilot Program. *United States Lessons: Planning for Resilience*. Gympie, Australia. October 2018.
- Bundaberg, Australia Coastal Hazard Adaptation Strategy Community Group. *Building Community Partnerships through Planning*. Bundaberg, Australia. October 2018.
- Bundaberg, Australia Town Council. *Climate Change Adaptation in Coastal Communities: Lessons Learned?* Bundaberg, Australia. October 2018.
- State of Queensland. *Addressing Resilience in an Era of Climate Change: Moving beyond Stationarity towards Adaptive Planning*. Brisbane, Australia. October 2018.
- American Planning Association and the Association of State Floodplain Manager's Association Planning Information Exchange Webinar. *Current Research Topics in Planning for Disasters, Hazard Mitigation, and Resilience*. October 2018.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Center for Climate and Security / North Carolina Sea Grant. *Sea Level Rise & Security in the Southeast: Implications for the Military and Civilian Communities*. Panel discussion following the screening of the film *Tidewater*. Raleigh, North Carolina. September 2018.

Pacific Risk Management Ohana (PRiMO) Conference. *Hurricane Matthew Disaster Recovery and Resilience Initiative*. Honolulu, Hawaii. August 2108.

Pacific Risk Management Ohana (PRiMO) Conference. Resilience-Focused Disaster Reconstruction Planning Workshop. Honolulu, Hawaii. August 2108.

Southeast Disaster Recovery Partnership Annual Meeting. *Hurricane Matthew Disaster Recovery and Resilience Initiative*. Saint Petersburg, Florida. June 2018.

Environmental and Water Resources Institute Congress. *Disasters and Decision Making: A Matter of Ethics*. Minneapolis, Minnesota. June 2018.

Planning Institute of Australia National Congress. *Planning for Resilience and Community Recovery: Stories from Across the US and Australia*. Panel (webinar) Perth, Australia. May 2018.

Interagency Flood Risk Management Community of Practice Training Seminar. *Integrating Plan Development with Regional Resiliency*. Indianapolis, Indiana. May 2018.

American Planning Association. *Plight and Possibility: Multi-scalar Adaptation Planning*. Panel. New Orleans, Louisiana. April 2018.

American Planning Association. Waterworld: Old Movie Turned New Reality. Moderator. *Impacts and Observations of 2017 Disasters: Growing Challenges for Planners in an Era of Climate Change*. New Orleans, Louisiana. April 2018.

American Shore and Beach Preservation Association. *Planning for Natural Hazards and Climate Change Adaptation*. Washington, D.C. March 2018. Keynote.

Greater Houston Flood Mitigation Consortium. Buyout Workshops. *Key Lessons in the Buyout of Flood-Prone Housing*. Houston, Texas. February 2018.

Moreton Bay, Australia. Regional Planning Council. Coastal Hazards Adaptation Strategy Workshop. *Planning for Natural Hazards and Climate Change Adaptation*. November 2017. Webinar.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

American Meteorological Association. *Resiliency Policy*. Washington, D.C. November 2017. Panel.

Leadership North Carolina Government Session. Class of XXV. *Local Governments and Disasters*. Raleigh, North Carolina. November 2017. Moderator.

American Institute of Architects, North Carolina Chapter. *Disasters and Design in an Era of Climate Change*. Rocky Mount, North Carolina. November 2017. Keynote.

Big City Emergency Managers Conference. *Lessons Learned from Recent Hurricanes*. Washington, D.C. October 2017. Panel.

American Society of Landscape Architects. Resilient by Design: Building Better in Response to Rising Waters. *Resilience Thinking: Introduction to Hazard Mitigation and Risk Reduction in Design*. Los Angeles, California. October 2017. Panel.

Carolina Public Humanities. UNC College of Arts and Sciences. Flyleaf Books, Chapel Hill North Carolina. *Natural Disasters and Social Vulnerability: A Global and Local Perspective*. October 2017.

North Carolina Chapter of the American Planning Association Annual Conference. *Planning for Natural Hazards and Climate Change Adaptation*. Greenville, North Carolina. September 2017. Keynote.

Research Driving Change. Showcase 2017. Bushfire and Natural Hazards Cooperative Research Centre *Resilience Research Centres: An International View*. Adelaide, Australia. July 2017. Panel.

Bundaberg, Australia Region Coastal Hazards Adaptation Strategy Workshop. *Climate Change Adaptation Challenges*. November 2017. Conference call presentation.

North Carolina's Coastal Conference. North Carolina Sea Grant. Raleigh, North Carolina. April 2017. Opening Session Panel.

North Carolina's Coastal Conference. North Carolina Sea Grant. Raleigh, North Carolina. April 2017. Closing Session Panel.

Urban Sustainability Directors Network, Coastal Preparedness User Group. *Mapping Tools and Community Resilience: Challenges and Opportunities in an Era of Climate Change*. December 2016. Panel member.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Principles for Preparing a Community's Disaster Recovery Plan. American Planning Association, Hazard Mitigation and Disaster Recovery Planning Division. *Planning for Post-Disaster Recovery: Key Concepts and Issues that Should Inform Practice*. September 2016. Panel member.

Enhancing Governance through Research: The Role of Research and Analysis in Storm Recovery and Resiliency Planning. Rockefeller Institute of Government, SUNY in Storm Recovery and Resiliency Planning, within the Governor's Office of Storm Recovery, New York State. October 2016. Panel member.

Australasian Fire and Emergency Management Conference. Brisbane, Australia. August 2016. *The Role of States in Disaster Recovery: Lessons from Research and Practice*. Keynote.

North Carolina Flood Risk Symposium. Raleigh, North Carolina. May 2016. *Increasing Flood Resilience through Land Use Planning in an Era of Climate Change*. Keynote.

American Planning Association, Annual Conference. Phoenix, Arizona. April 2016. NDPTC *Advanced Disaster Recovery Training Course*. Instructor.

North Carolina Emergency Management Association Conference. Cherokee, North Carolina. March 2016. *The Role of States in Disaster Recovery*. Keynote.

Southeastern Pennsylvania Task Force's Regional Recovery Conference. Philadelphia, Pennsylvania. March 2016. *Planning for Post-Disaster Recovery: Key Concepts and Issues that Should Inform Practice*.

National Conference of State Legislatures Discussion Group. Washington, D.C. December 2015. *Overview of the Federal-State-Local Relationship in Disaster Response and Recovery Current Policy Landscape*. Panel member.

Smart Growth America Webinar. October 2015. *Building Resilient States: A Framework for Agencies*. Panel member.

U.S. Department of Housing and Urban Development Webinar Series. September 2015. *Integrated Resilience Planning*.

Association of State Floodplain Manager's Conference. Atlanta, Georgia. May 2015. Closing Plenary Session. Local Mitigation on My Mind: What's Going on Around the Country That You Could Do Too? *Hazard Mitigation: Lessons from Research and Practice*.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

- 5<sup>th</sup> Annual North Carolina Division of Emergency Management Hurricane Conference. Greenville, North Carolina. May 2015. *Coastal Hazards Resilience Center of Excellence Overview.*
- National Oceanic and Atmospheric Administration and the American Planning Association's Sustainable Communities Division Webinar. May 2015. *Creating Sustainable and Disaster Resilient Communities.*
- American Planning Association, Annual Conference. Seattle, Washington. April 2015. *Adapting to Climate Change: Lessons from Natural Hazards Planning.*
- American Planning Association, Annual Conference. Seattle, Washington. April 2015. Community Planning Assistance Team Panel. *Living with the Saint Vrain: Lyons, Colorado.*
- North Carolina Emergency Management, 2015 Spring Conference. Keynote Speaker. Cherokee, North Carolina. March 2015. *Planning for Post-Disaster Recovery.*
- U.S. Department of Health and Human Services Disaster Recovery Workshop. Plenary Session: How and Why We Did It – Local/State/Federal Recovery Planning Process. Washington, D.C. March 2015. *Key Components to Recovery and Resilience Planning.*
- State of New Hampshire. Building a More Resilient New Hampshire. Governor's Institute on Community Design. Concord, New Hampshire. January 2015. *Institutionalizing Resilience.*
- 17<sup>th</sup> Annual North Carolina Beach, Inlet and Waterway Association Conference. Living in Coastal North Carolina. November 2014. Wrightsville Beach, North Carolina. *Hazard Mitigation, Disaster Recovery, and Climate Adaptation Planning: The Integrative Results of Three Research Projects.*
- Governor's South Atlantic Alliance. September 2014. Ponte Vedra Beach, Florida. State of the South Atlantic Resilience Edition. *Adaptation to Climate Change: Lessons from Natural Hazards Planning.*
- National Sea Grant Meeting. September 2014. Clearwater, Florida. Opening Plenary. *Adaptation to Climate Change: Lessons from Natural Hazards Planning.*

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

2<sup>nd</sup> World Reconstruction Conference. Resilient Recovery: An Imperative for Sustainable Development. World Bank. Washington, D.C. September 2014. Business Continuity Management and Organizational Resilience: Contributions to Communities Post-Disaster Recovery and Reconstruction. *Planning for Post-Disaster Recovery: Dimensions of Organizational Resilience*.

Governing Summit. Cost of Government. Washington, D.C. September 2014. The Cost of Resiliency I: Disaster Preparedness and Recovery. *Achieving Disaster Resilience through Collaborative Planning and Governance*.

State Resilience and Economic Growth Summit. Washington, D.C. September 2014. Hazard Resilience Strategies: State Leadership. *The Role of the State in Disaster Recovery: A Comparative Analysis of Gubernatorial Leadership and State Agency Official Engagement, Collaboration and Capacity Building*.

State Resilience and Economic Growth Summit. Washington, D.C. September 2014. Hazard Resilience Strategies: State Leadership. Learning from Best Practices. *Summit Overview, Closing Thoughts and Next Steps*.

National Capital Region, Disaster Recovery Seminar. July 2014. Washington, D.C. *Pre- and Post-Disaster Recovery Planning*.

Triangle J Council of Governments. Smart Growth and Water Resources Advisory Committee. July 2014. Raleigh, North Carolina. *Hazard Mitigation Planning: Findings of a Six-Year National Study of the Quality of State and Local Hazard Mitigation Plans*.

Environmental Protection Agency. Community Environmental Resilience Index Workshop. July 2014. Washington, D.C. *Disaster Planning and Decision-Making: Lessons from Hazard Mitigation, Disaster Recovery, and Climate Change Adaptation*.

Recovery Pre-Disaster Planning Guidance Workshop. Federal Emergency Management Agency. Emergency Management Institute. April 2014. Emmitsburg, Maryland. *State Leadership in Recovery; Involving Stakeholders and Building Partnerships*.

National Homeland Security Conference. April 2014. Philadelphia, Pennsylvania. *FEMA Advanced Disaster Recovery Course*.

Pacific Risk Management 'Ohana Annual Conference. Building Communities of Practice for Resilience. March 2014. Honolulu, Hawaii. *Advanced Disaster Recovery Strategies for Local Communities Workshop*.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

- Hazard Mitigation Seminar. Federal Emergency Management Agency. January 2014. Washington, D.C. *Analysis of Federal Mitigation Policy: Mitigation Plans, Civic Engagement and Local Capacity.*
- Environmental Protection Agency Resilience Workshop. Greenville, South Carolina. September 2013. *Creating Sustainable and Disaster Resilient Communities.*
- 8<sup>th</sup> Anniversary of Hurricane Katrina. Durham, North Carolina. August 2013. *Personal Reflections on Recovery from Katrina and the People of the Mississippi Gulf Coast.*
- Gulf to Shore: Disaster, Recovery and Rebuilding Lessons Learned from the Gulf Coast. Toms River, New Jersey. May 2013. *Lessons from Natural Hazards Planning and Utilizing ABFE's in Post-Disaster Community-Based Planning.*
- 9<sup>th</sup> Annual Risk Mitigation Leadership Forum. Build it Better. Charlotte, North Carolina. May 2013. *Governance and Disaster Recovery: Lessons from the Field.*
- Gulf of Mexico Climate Outreach, Community of Practice Workshop. Houston, Texas. Keynote speaker. April 2013. *Coastal Hazards and Climate Change Adaptation: Case Studies of Mississippi and North Carolina following Major Disasters.*
- North Carolina Department of Transportation. Geo3 T2 Conference & Exposition. Exploring the Challenges and Advances in Geotechnical, Geophysical, and Geoenvironmental Engineering Technology Transfer. Cary, North Carolina. April 2013. Keynote speaker. *Creating More Resilient Infrastructure in North Carolina in the Face of Natural Hazards and Disasters.*
- State Hazard Mitigation Advisory Group. Raleigh, North Carolina. March 2013. *Assessing Aggregate Flood Hazard Risk.*
- Lincoln Institute of Land Policy. New England Smart Growth Leadership Forum. Cambridge, Massachusetts. March 2013. *Linking Smart Growth and Disaster Resilience: The Role of States.*
- Coastal Symposium. Norfolk, Virginia. March 2013. American Planning Association, Virginia And North Carolina Chapters. Keynote speaker. *Coastal Hazards and Climate Change Adaptation: Case Studies of Mississippi and North Carolina following Major Disasters.*
- National Institute of Building Sciences Conference and Expo. January 2013. Multi-Hazard Mitigation Council Symposium. Washington, D.C. Large-Scale Mitigation Planning and Strategies. Panel member. *Hurricane Sandy: The Challenges and Opportunities to Link Disaster Management and Climate Change Adaptation.*

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

- City of Seattle, City Council Meeting. Seattle Washington. January 2013. *Disaster Recovery Planning.*
- City of Seattle. Disaster Management Committee Meeting. Seattle, Washington. January 2013. *Developing a Disaster Recovery Plan: Lessons and Observations from Research and Practice.*
- State of Vermont. Smart Growth Implementation Assistance Project - Disaster Recovery and Long-Term Resilience Planning in Vermont. Waitsfield, Vermont. October 2012. EPA and FEMA Region I. *Linking Smart Growth and Disaster Resilience.*
- Research to Resilience Workshop. Northeastern University. Boston, Massachusetts. September 2012. *Use of the ADCIRC Storm Surge Prediction Model and Disaster Planning Tools to Mitigate Hurricane Impacts.*
- Governors' South Atlantic Alliance. Long-Term Recovery Planning Summit. Jacksonville, Florida. July 2012. *Long-Term Recovery: Experience from the Field.* Keynote speaker.
- North Carolina Division of Emergency Management. State Disaster Recovery Workshop. Raleigh, North Carolina. June 2012. *The Importance of Pre-Event Planning for Post Disaster Recovery.*
- Association of State Floodplain Manager's Conference. San Antonio. May 2012. *Planning for Post-Disaster Recovery: An Assessment of the United States Disaster Recovery Assistance Framework.*
- National Hurricane Conference. Orlando, Florida. April 2012. *The Disaster Mitigation Act: An Assessment of State & Local Mitigation Planning & Implementation.*
- American Planning Association Annual Conference. Los Angeles. April 2012. Resettlement and Adaptation: Hazard Mitigation Lessons. *Lesson Drawing from the North Carolina and Mississippi Experience following four Major Disasters.*
- American Planning Association Annual Conference. Los Angeles. April 2012. Contrasting Approaches to Climate Change and Hazards. *Adapting to Climate Change: Lessons from Natural Hazards Planning.*
- NOAA of the Carolinas. Charleston, South Carolina. *Coastal Resilience in the Age of Climate Change.* March 2012. Keynote speaker.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Governors' Institute on Community Design: A Workshop on Flood Recovery and Rebuilding. December 2011. Burlington, Vermont. *Hazard Mitigation, Land Use, and Rebuilding*.

Hurricanes, Major Disasters, Coastal Protection and Rapid Recovery in Texas and Gulf Coast Region. August 2011. Houston, Texas. *Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework*. Panel member.

Smart Growth and Hazards Resilience Roundtable. August 2011. Silver Springs Maryland. *The Challenges of Implementing Post-Disaster Hazard Resilience Strategies at Regional and Community Scales in Mississippi Following Hurricane Katrina*. Panel member.

National Hazard Mitigation Association. July 2011. Broomfield, Colorado. *Successes and Failures of State and Local Mitigation Planning: Assessing Plans Using Plan Quality Analysis Techniques*. Panel member.

National Level Exercise 2011. National Recovery Seminar. Federal Emergency Management Agency. July 2011. Arlington, Virginia. *Planning for Post-Disaster Recovery: A Review of the United States Disaster Assistance Framework*. Panel member.

Coastal Zone Management Conference. July 2011. Chicago, Illinois. Building Adaptive Capacity of Coastal Communities Through Risk Management. *The Gulf Coast Community Design Studio in Mississippi following Hurricane Katrina*. Panel Member.

10th Annual New Partners for Smart Growth: Building Safe, Healthy and Livable Communities. February 2011. Charlotte, North Carolina. Linking Smart Growth and Safe Growth: Disaster Recovery in Mississippi Following Hurricane Katrina. Panel Member.

United States Department of State Sponsored Seminar in the Philippines. *Designing Disaster Resilient Communities: Bridging the Hazards Management-Climate Change Adaptation Divide*. May 2010. Presented in Manila, Cebu City, and Davao, Philippines (3 eight-hour workshops).

American Chamber of Commerce. Hong Kong. May 2010. *Hazards Management and Climate Change Adaptation*.

Climate Change Business Forum. Business Environment Council. Hong Kong. May 2010. *Natural Hazards, Disasters and Climate Change: A Wake Up Call for Business*.

American Planning Association Annual Conference. April 2010. Preparedness and Recovery Planning in Delta Regions. New Orleans, Louisiana. *An Assessment of the U.S. Disaster Recovery Assistance Framework*. Panel Member.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

American Planning Association Annual Conference. April 2010. Prescription for Safe Delta Development. New Orleans, Louisiana. *The Disaster Mitigation Act: An Assessment of Hazard Mitigation Plans*. Panel Member.

Sustainable Development and Long-Term Disaster Recovery: A Convening of Experts to Inform and Support the Deliberations of the Long-Term Disaster Recovery Working Group. Washington, D.C. January 2010. *Empowering Communities*. Panel member.

Sustainable Development and Long-Term Disaster Recovery: A Convening of Experts to Inform and Support the Deliberations of the Long-Term Disaster Recovery Working Group. Washington, D.C. January 2010. *Progressive Rebuilding*. Panel member.

Emergency Management Institute Annual Higher Education Project Conference. Emmitsburg, Maryland. Panel Member. June 2009. *Long-term Recovery from Disasters: The Neglected Phase of Emergency Management*.

Emergency Management Institute Annual Higher Education Project Conference. Emmitsburg, Maryland. Panel Member. June 2009. *Catastrophe Readiness and Response*.

Emergency Management Institute Annual Higher Education Project Conference. Emmitsburg, Maryland. June 2009. *The University of North Carolina Center for the Study of Natural Hazards and Disasters*.

North Carolina Emerging Issues Forum. Moderator. Raleigh, North Carolina. February 2009. *Natural Hazards and Smart Growth*.

North Carolina Emergency Management Fall Conference. Clemmons, North Carolina. October 2008. *The Center for the Study of Natural Hazards and Disasters*.

Australasian Hazards Management Conference. Keynote Address. Wellington, New Zealand. July 2008. *The Application of Research and Practice to Recovery in Mississippi Following Hurricane Katrina*.

Australasian Hazards Management Conference. Workshop Participant. Wellington, New Zealand. July 2008. *Achieving Risk Reduction Through Land-Use Planning*.

Solutions to Coastal Disasters Conference. Oahu, Hawaii. April 2008. *A Review of the United States Disaster Assistance Framework: Planning for Recovery*. American Society of Civil Engineers.

American Planning Association Annual Conference. Nevada, Las Vegas. April 2008. *Influencing Recovery and Rebuilding*.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Broward County Emergency Preparedness Summit. Opening Session. Fort Lauderdale, Florida. December 2007. *Observations and Lessons Learned in Large Scale Disasters.*

Broward County Emergency Preparedness Summit. Fort Lauderdale, Florida. December 2007. *Economic Impacts and Recovery following Disasters.*

International Association of Emergency Managers Annual Conference. Reno, Nevada. November 2007. *Geography of Disaster: Economic Realities and Recovery Planning in Mississippi.*

Emergency Management Institute Higher Education Conference. Emmitsburg, Maryland. June 2007. *Disaster Recovery Workshop: Observations, Lessons Learned, and Research Applied in Mississippi Following Hurricane Katrina.*

National Oceanic and Atmospheric Association 2007 National Stakeholder Forum. Crystal City, Virginia. May 2007. *Ecosystem Management and Disaster Recovery.*

National Hurricane Conference. New Orleans, Louisiana. April 2007. *Disaster Recovery Workshop: Observations and Lessons Learned in Mississippi Following Hurricane Katrina. Plenary.*

American Planning Association Annual Conference. Philadelphia, Pennsylvania. April 2007. *Mississippi Alternative Housing Program.*

National Oceanic and Atmospheric Association. Washington, D.C. December 2006. *Community Resilience – Exploring the Conceptual Framework.* Invited Participant

Mississippi Arts Commission. Cultural Charrette: Conversations about Coastal Life. December 2006. *Achieving a Cultural Recovery on the Mississippi Gulf Coast.*

Land Development Conference. Las Vegas, Nevada. November 2006. *Rebuilding the Mississippi Gulf Coast: The Role of Planning and Design in Sustainable Redevelopment.*

American Planning Association, American Institute of Certified Planners Symposium. Washington, D.C. October 2006. *Rebuilding the Mississippi Gulf Coast: The Role of Planning and Design in Sustainable Redevelopment.*

Governor's Recovery Expo. Biloxi, Mississippi. August 2006. *Emergency Housing Alternatives in the State of Mississippi.*

Roundtable for the Mid South's Hurricane Recovery and Restoration Tour. Biloxi, Mississippi. August 2006. *Unmet Needs in Mississippi.*

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

- Congress for the New Urbanism Annual Conference. Providence, Rhode Island. June 2006.  
*Implementing the Vision: Achieving Sustainable Recovery and Redevelopment Following Hurricane Katrina in Mississippi through Design and Planning Practice.*
- Housing and Community Development Conference. Jackson, Mississippi. June 2006.  
*Overview of Hurricane Katrina Recovery Efforts in the State of Mississippi.*
- Hurricane Katrina Homebuilders Workshop. Biloxi, Mississippi. May 2006. *The Mississippi Alternative Housing Program.*
- American Planning Association Annual Conference. San Antonio, Texas. April 2006.  
*Planning for Sustainable Disaster Recovery in Mississippi.*
- National Hurricane Conference. Lake Buena Vista, Florida. April 2004. *Mitigation's Future – Bright or Bleak?*
- South Carolina Chapter of the American Planning Association. Hilton Head, South Carolina. November 2004. *Developing the State of South Carolina Hazard Mitigation Plan.*
- North Carolina County Commissioners Association. Asheville, North Carolina. August 2004.  
*A Hard Rain's Gonna Fall: Hazard Mitigation – Protecting Our Future.*
- Emergency Management Institute Annual Higher Education Project, Summer Conference. Emmitsburg, Maryland. June 2004. *Project Summary: Holistic Disaster Recovery: Creating a More Sustainable Future.*
- The 2003 State Hazard Mitigation Program Managers Workshop: Risk Management in a Multi-Hazard World. *The Benefits of Doing Mitigation: Evaluating Mitigation Effectiveness.* Emergency Management Institute, Emmitsburg, Maryland. June 2003.
- Emergency Management Institute Annual Higher Education Project, Summer Conference. Emmitsburg, Maryland. May 2003. *Holistic Disaster Recovery: Creating a More Sustainable Future.* Emergency Management Institute, Higher Education Project, College Course.
- 25<sup>th</sup> Annual National Hurricane Conference. New Orleans, Louisiana. April 2003. *Analyzing Your Risk: The Role of Risk Assessment in Emergency Management.*
- North Carolina Chapter of the American Planning Association, Annual Conference. October 2002. New Bern, North Carolina. *Hazard Mitigation Planning.*

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Missouri Emergency Management. Jefferson City, Missouri. September 2002. *Using HAZUS In Hazard Mitigation Planning.*

Association of Kansas County Planners. Salina, Kansas. August 2002. *Using HAZUS in Hazard Mitigation Planning.*

California Office of Emergency Services Conference. Industry, California. May 2002. *Linking Disaster Response, Mitigation and Recovery.*

Emergency Management Institute Annual Higher Education Project, Summer Conference. Miami, Florida. May 2002. *The Model Emergency Manager in the 21<sup>st</sup> Century.*

North Carolina Natural Hazards Conference. Sunset Beach, North Carolina. March 2002. *North Carolina Small Business Initiative: Mitigation and Disaster Recovery Planning.* Moderator.

North Carolina Natural Hazards Conference. Sunset Beach, North Carolina. March 2002. *Disaster Mitigation Act of 2000: Implications for Hazard Mitigation and Disaster Recovery.* Plenary Session.

International Personnel Management Association - North Carolina Chapter. Winter Workshop. Kannapolis, North Carolina. January 2002. *Disaster Recovery Planning.*

State Emergency Manager's Workshop. Raleigh, North Carolina. January 2002. *The Role of the Web in Information Transfer.*

National Hazard Mitigation Officer's Annual Workshop. Scottsdale, Arizona. October 2001. *The North Carolina Enhanced Hazard Mitigation Plan.*

North Carolina State Climate Office, 25<sup>th</sup> Anniversary Celebration. Raleigh, North Carolina. October 2001. *Building Effective State Partnerships.*

North Carolina Emergency Management Association Fall Conference. Atlantic Beach, North Carolina. October 2001. *How to Develop a Local Hazard Mitigation Plan.*

North Carolina Institute of Government: Introduction to Planning Practice in North Carolina. Chapel Hill, North Carolina. September 2001. *Hazard Mitigation Planning.*

Creating Markets for Mitigation. Raleigh, North Carolina. August 2001. *Sustainable Hazard Mitigation: Federal and State Perspectives.* Moderator.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

Creating Markets for Mitigation. Raleigh, North Carolina. August 2001. *Policy Discussion*.  
Moderator.

New Emergency Management Coordinators Workshop. Raleigh, North Carolina. August 2001.  
*Hazard Mitigation in North Carolina*.

North Carolina Division of Emergency Management Training Course: Inland Impacts of  
Hurricanes. Hillsboro, North Carolina. July 2001. *Hazard Mitigation in North Carolina*.

National Association of Floodplain Manager's Conference. Charlotte, North Carolina. June 2001.  
*North Carolina Floodplain Mapping Initiative*.

Save Our State, Coastal Issues Forum: Dredging, Dunes and Development, Meeting Human and  
Ecological Needs in Coastal North Carolina. Wilmington, North Carolina. May 2001.  
*Sustainability in Eastern North Carolina*.

National Hurricane Conference. Washington D.C. April 2001. *Disaster Recovery Grant's*  
*Management 101*. Moderator.

National Hurricane Conference. Washington, D.C. April 2001. *Inland Impacts of Hurricanes*.  
Panel Member.

National Hurricane Conference. Washington, D.C. April 2001. Disaster Mitigation Act of 2000.  
Panel Member.

North Carolina Geographic Information Systems Conference. Winston-Salem, North Carolina.  
March 2001. *Preparing for the Next Hurricane Floyd: The North Carolina Floodplain*  
*Mapping Initiative*. Panel Member.

North Carolina Hurricane Conference. Sunset Beach, North Carolina. March 2001. *North*  
*Carolina Floodplain Mapping Initiative*. Moderator.

North Carolina Hurricane Conference. Sunset Beach, North Carolina. March 2001. *The Evolution*  
*of Hazard Mitigation in North Carolina*.

Coastal Municipalities Meeting. Pine Knoll Shores, North Carolina. January 2001. *Storm Hazard*  
*Mitigation: What We Need to Know to Prepare*.

State Hazard Mitigation Officer's Workshop. Biloxi, Mississippi. November 2000.  
*Hazard Mitigation in North Carolina*.

## CONFERENCE and WORKSHOP PRESENTATIONS (continued)

National Emergency Management Association, Annual Conference. Palm Beach, Florida. August 2000. *North Carolina's Hazard Mitigation Program.*

North Carolina Division of Emergency Management. Raleigh, North Carolina. October 2000. First Annual Research Symposium. *Research in Support of Hazard Mitigation: Science in Service of Society.* Moderator.

North Carolina Floodplain Mapping Initiative Kickoff Meeting. Raleigh, North Carolina. August 2000.

National Hurricane Conference. New Orleans, Louisiana. April 2000. *Managing the Nations Largest Mitigation Buyout Program-North Carolinas Experience After Hurricane Floyd.*

North Carolina Hurricane Conference. Sunset Beach, North Carolina. March 2000. *Hazard Mitigation Success Stories.*

North Carolina Hurricane Conference. Morehead City, North Carolina. March 1999. *Hazard Mitigation Planning Initiative.* Panel chair.

National Hurricane Conference. Orlando, Florida. March 1999. *Hazard Mitigation Planning and Sustainability: The North Carolina and Florida Experience.*

North Carolina Hurricane Conference. Morehead City, North Carolina. March 1998. *Hazard Mitigation.*

Eastern United States Mitigation Summit. Wilmington, North Carolina. December 1997. *Hazard Mitigation Opportunities Post-Disaster.*

North Carolina Planning Association Conference. Durham, North Carolina. June 1997. *Hazard Mitigation Planning in North Carolina.*

North Carolina/South Carolina Association of Floodplain Managers Conference. Myrtle Beach, South Carolina. April 1997. *The Hazard Mitigation Planning Initiative in North Carolina.*

North Carolina Hurricane Conference. Atlantic Beach, North Carolina. March 1997. *The Hazard Mitigation Grant Program in North Carolina.*

National Hurricane Conference. Houston, Texas. March 1997. *Hazard Mitigation Following Hurricane Fran.*