

Alessandra Jerolleman, PhD, JD, MPA, CFM

Education

Loyola University New Orleans College of Law, *Juris Doctor*, cum laude, May 2023
Certificates in Environmental Law and Social Justice

University of New Orleans, *PhD in Urban Studies*, May 2013
“The Privatization of Hazard Mitigation: A Case Study of the Creation and Implementation of a Federal Program”
Masters of Public Administration with a Hazard Certificate and a concentration in Nonprofit Leadership, December 2006

Tulane University, New Orleans, Louisiana, *Bachelor of Arts* in English and Spanish, May 2003

Experience

July 2025 – Present
Livelihoods Knowledge Exchange Network
Senior Disaster Resilience and Adaptation Fellow

September 2023 – Present
Loyola Law School, Center on Environment, Land, and Law
Director of Research

- Direct and administer the Community Based Research Lab. Fellows and students in the lab engage in the following activities: (1) legal research on environmental, regulatory, and justice related issues identified by community partners; (2) drafting public comment response memos to various upcoming federal agency actions and requests for information; (3) creating templates for use by community partners and allies in responding to public comments and education efforts; (4) creating clear language policy briefs for the public; (5) creating other educational and summary media content as needed, such as audio for a podcast or materials for the web; and, (6) meeting with partners at other law schools, NGOs and community institutions.
- Conduct participatory action research to support climate adaptation, hazard mitigation, and resilience in partnership with frontline communities.
- Support the development of community-based advocacy and policy-change strategies.
- Create plain language resources for community-based partners.

February 2023 – January 2025
National Climate Justice Lead – USGS Climate Adaptation Science Centers (CASC)
Support Environmental and Climate Justice Efforts across the CASCs, including DEIA Strategy and implementation.

- Shape the CASC network's existing Climate Justice related programs - e.g. the Climate Adaptation Scientists of Tomorrow (CAST) Program
- Contribute to and support a USGS bureau-wide equity service assessment by directing an evaluation of the CASCs' current climate justice-related projects, programs, and efforts as they relate to Executive Orders 12898, 13985, and 14008
- Work with the USGS Office Diversity and Equal Opportunities to build partnerships with federal programs, conservation organizations, professional and scientific organizations, community groups, and academic institutions with similar and complementary environmental justice goals
- Inform an expansion of the scope and impact of CASC research related to climate justice
- Serve as a climate justice subject matter expert and liaison to the USGS Environmental Justice Task Force, including contributing to bureau-wide recommendations to better support underserved communities in advancing environmental justice for themselves.

January 2015 – December 2024

Jacksonville State University

Distinguished Affiliate Professor – Emergency Management (2023-present)

Director, Doctorate of Emergency Management (2022 – 2023)

Associate Professor – Emergency Management (2020-2023)

Assistant Professor – Emergency Management (2018-2020)

Distinguished Affiliate Professor – Emergency Management (2015-2018)

- Direct the Doctoral Program in Emergency Management
- Advise all doctoral students
- Teach and develop courses in Resilience and Vulnerability, Leadership, Emergency Management Policy, Program Evaluation, Qualitative Methods and Interdisciplinary Emergency Management.
- Teach the Master's level Capstone and Leadership classes
- Serve on Doctoral Committees and the Comprehensive Exam Review Committee
- Conduct applied research in climate justice, disaster recovery, children in disasters, gender, the nonprofit sector in disasters, and resilience

August 2015 – June 2025

Lowlander Center

Community Resilience Facilitator and Advisor

- Design and implement various training and outreach workshops for communities, small businesses, and local government.
- Support disaster response and recovery activities across the Gulf Coast.
- Project Management team member for the Lowlander Center HUD NDRC Application
- Support convergence research for the Louisiana Rising Voices Changing Coasts Hub
- Emergency Planning and Grant Writing for the First Peoples' Conservation Council of Louisiana.

- Lead research into small business resiliency
- Facilitate meetings and workshops on topics such as population migration
- Grant writing and administration

December 2007 – Present

Alessandra Jerolleman, LLC

Owner

- Instruct at the Center for Domestic Preparedness
- Design and implement various training workshops for communities, states, private firms, and others.
- United Nations Development Programme, Consultant for Disaster Recovery Planning and Coordination
- Provide technical assistance to local and regional firms to strengthen hazard mitigation planning, stakeholder engagement, and project identification.
- Conduct research for clients such as the Louisiana Endowment for the Humanities and the New Orleans Jazz and Heritage Foundation
- Subject Matter Expert in hazard mitigation planning, emergency operations planning, disaster resistant university planning, risk assessment, training, stakeholder mapping, peer networking, disaster resilience, energy assurance and more.

August 2015 – Present

Tulane University

Senior Fellow – Disaster Risk Leadership Academy (2020 – Present)

Adjunct Instructor – Emergency Management and Homeland Security (2015-2019)

- Teach courses in Homeland Security, Hazard Mitigation, and Terrorism.
- Teach Disaster Operations and Community Economic Recovery

September 2016 – April 2023

Federal Emergency Management Agency - Reservist

- 2022 – Equity Advisor to Montana DR-4655 Flood Recovery
Developed an Equity Concept of Operations and an Equity Impact Assessment Tool
- 2022 – Supported IRC listening sessions for equity and assisted with the creation of guidance documents
- 2021 - Equity Advisor to Oregon DR-4562 Wildfire Recovery
- 2021 – supported Headquarters in a review of position descriptions and task books for the Cadre
- 2020-2021 – supported the COVID-19 Recovery Task Force in Region III as the Economic Recovery Lead
Co-developed: U.S. Federal Emergency Management Agency. (2020). *COVID-19's Impact on the Human and Social Services Sector*. Washington, D.C.: FEMA.

- 2017-2019 supported the Louisiana Resilient Recovery Watershed Initiative:
Developed technical assistance documents for key watershed partners
Conducted research into national best practices for watershed management
Relationship-building in Louisiana's philanthropic sector and with state and federal agencies
- 2016-2017 served as Philanthropic Advisor to the Federal Disaster Recovery Coordinator
In partnership with various Louisiana foundations and other FEMA staff, created key organizational documents and underlying principles for the Louisiana Disaster Recovery Alliance and its committees. Provided targeted research on government & philanthropic grant opportunities to support community recovery across Louisiana .
Provided information on disaster impacts and delivery of government assistance to philanthropic partners in order to leverage impacts and ensure that gaps were addressed

January 2015 – 2021

Louisiana WaterWorks, L3C; Imagine Water Works

Advisor (2019- 2021)

Vice President (2015-2018)

- Design and implement various training and outreach workshops for communities, small businesses, and local government.
- Authored City of New Orleans Main Streets Resiliency Hardening Guide
- Grants management and programmatic assistance to various jurisdictions.
- Project Management team member for the Lowlander Center HUD NDRC Application
- Update the Rapides Comprehensive Resilience Plan
- Provided support to the 2016 update of the City of New Orleans Hazard Mitigation Plan and the Pennsylvania Pre-Disaster Recovery Plan.
- Subject Matter Expert in hazard mitigation planning, emergency operations planning, disaster resistant university planning, risk assessment, training, stakeholder mapping, peer networking, disaster resilience, energy assurance and more.

2015 – 2017

University of New Orleans

Instructor – Public Administration

- Teach and develop courses in Non-Profit Leadership, Research Methods, and Cross-Sectoral Collaboration.
- Advise students on Master's projects

2008 – 2015

Natural Hazard Mitigation Association

Founder and Executive Director

- Founded and played a leadership role in creating first professional association for hazard mitigation professionals.
- Organized and hosted National Mitigation Practitioner Workshops in 2010, 2011, 2012, 2013, and 2014. An International Mitigation Practitioner Workshop is currently being developed for 2015.
- Served as Project Manager and Subject Matter Expert for multiple projects and publications, including the Resilient Neighbors Network.
- Delivered conference sessions and workshops, participated on national task forces and committees relevant to hazard mitigation, provided congressional testimony, and represented NHMA on several boards and alliances.

2013 – 2015

JEO Consulting Group

Senior Hazard Mitigation and Emergency Management Planner

- Directly project-managed and/or provided planning and technical subject-matter expertise to DMA 2000-compliant local and state hazard mitigation planning, including state and local jurisdictions and institutions of higher education in Nebraska, Iowa, South Dakota, and New Jersey.
- Conducted training and outreach related to disaster resilience with local officials, community stakeholders, private consultants, and others.
- Expanded the participatory mechanisms in place for local mitigation planning efforts.

2011 - 2012

Save the Children, New Orleans, Louisiana

Program Specialist – Ready and Resilient Communities

- Work in Louisiana and Mississippi as an advocate to ensure that children’s needs are being taken into account in emergencies.
- Respond to disasters across the United States to assist with temporary respite care and restoring child related infrastructure.
- Design and implement various training workshops to child care providers, educators and first responders.

2007 - 2011

James Lee Witt Associates, New Orleans, Louisiana

Senior Hazard Mitigation Planner / Project Manager

- Directly project-managed and/or provided planning and technical subject-matter expertise to DMA 2000-compliant local and state hazard mitigation planning, including state and local jurisdictions and institutions of higher education in Louisiana, Oklahoma, New Jersey, Mississippi, Virginia, Texas and Iowa.

- PM and Senior Planner for one state hazard mitigation plan, three parish (counties) hazard mitigation plans, three project scoping and plan update projects in Louisiana under a pilot program, and one city.
- Senior Planner and QA/QC for one state hazard mitigation plan, eight county hazard mitigation plans, one regional hazard mitigation plan, one city hazard mitigation plan, one parish (county) hazard mitigation plan, one college disaster resistant university plan, and three university disaster resistant university plans.
- SME and QA/QC for three parish hazard mitigation plans, one university plan, one city plan and one state EMAP accreditation.
- Project managed contracts, including: oversight of budgets, timelines, and scopes; client relationships and customer service; staffing and subcontractors; conflict management and overall project risk management (i.e., identification and mitigation of challenges)
- Delivered conference sessions and large project-related presentations, facilitated large and small discussions, and provided executive briefings to top leaders

2005-2006

**Center for Hazards Assessment, Response and Technology
University of New Orleans, New Orleans, Louisiana**

Graduate Research Assistant

- Conducted applied research related to mitigation, community outreach and disaster planning within several Louisiana communities and for the University.
- Performed benefit-cost analyses for the potential retrofitting of university buildings, flood mitigation planning for several suburban New Orleans neighborhoods with a focus on repetitive flood loss properties, identified and implemented outreach projects for the Disaster Resistant University project, and conducted community outreach related to FEMA's Hazard Mitigation Grant Program.

**Professional
Affiliations**

American Bar Association, *Member*
Association of State Floodplain Managers, *Certified Floodplain Manager*
American Society of Public Administration, *Secretary, Executive
Committee Member of the Section of Emergency and Crisis Management*
Climigration Network, *Council Member*
Culture and Disaster Action Network, *Member*
International Association for the Study of the Commons, *Member*
International Journal of Public Administration, *Editorial Board*
Global Affairs Society for Applied Anthropology, *Member*
Louisiana Floodplain Managers Association, *Member*
Louisiana State Bar Association, *Member*

Natural Hazard Mitigation Association, *Former Board Member, Founder and Former Executive Director*
New Orleans Bar Association, *Member*
Southeastern Conference for Public Administration, *Member*

Awards

2022 Kavli Frontiers of Science, Fellow
2019 Ignatian Law Scholar Award, Loyola University
2018 Institute for Environmental Communication Fellow
2014 Distinguished Alumni Award, University of New Orleans
2012 NHMA President’s Award
2008 ASPA Petak Prize for the Best Paper in Emergency Management
2006 Mary Fran Myers Scholarship Recipient, University of Colorado, Natural Hazards Center
2006 Marcus B. Christian Scholarship Recipient, UNO
2006 Founder’s Forum Fellowship (ASPA)

Certifications

NCDP Trainer
Certified Floodplain Manager
NASPAA Site Visitor
Admitted to the Louisiana Bar in 2024

Publications

Davidson, T., Brown, C. T., Rathbun, H., Jerolleman, A., Awbrey, M., Guerke, M., Leahy, C., Feliscar, L., Logan, A., Patton, N., & Ferreira, R. (2025). Practitioner perspectives on disaster assistance reform: A roadmap of obstacles to avoid. Full report—Part I of III. Consortium for Emergent Disaster Resilience. <https://cedrhub.org/publications/>

Awbrey, M., Davidson, T., Feliscar, L., Rathbun, H., Brown, C. T., Ferreira, R. J., Leahy, C., Jerolleman, A., Logan, A., Guerke, M., Contillo, C. M., Bamba, L. A. M., Vermilyea, J., Rose, K., & Buttell, F. P. (2025). A scoping literature review on FEMA’s Individuals and Households Program. *MANUSCRIPT UNDER REVIEW WITH Progress in Disaster Science*. <https://cedrhub.org/>

Davidson, T., Brown, C. T., Rathbun, H., Jerolleman, A., Awbrey, M., Guerke, M., Leahy, C., Feliscar, L., Logan, A., Patton, N., & Ferreira, R. (2025). Practitioner perspectives on disaster assistance reform: A roadmap of obstacles to avoid. Full report—Part I of III. Consortium for Emergent Disaster Resilience. <https://cedrhub.org/publications/>

Jerolleman, Alessandra., Buchanan, Paula., & Graves, Jerry. (2025). Community Lifelines Approach: Emergency Management’s Role in Ensuring Access to Water. *Journal of Emergency Management Accepted for Publication*

Barger, Sarah., Julie Maldonado, Mehana Blaich Vaughan, Alessandra Jerolleman, Kristina Peterson, Elder Chief Shirell Parfait-Dardar, Elder Rosina Philippe, Carrie Monohan, Karen J. Bunce Rodríguez, José Antonio Nevárez Rivera Sibyl Diver, Alan V. Di Vittorio, Melissa Awbrey, Kajal Khana. (2025). Lessons from place: Indigenous-led repatriation for strengthening climate adaptation and resilience. *Journal of Geography*, 124(3): 73-82.

Ferreira, R., Davidson, T., Buttell, F., Contillo, C. M., Leddie, C., Leahy, C., Nuñez-Dune, C., Lentz, B., Simkins, M., Jerolleman, A., Eide, C., Glaude, M. W., Thomas, J., Leiva, D., Awbrey, M. L., & Friedman, R. (2024). Barriers to equitable disaster recovery: A literature review. *International Journal of Disaster Risk Reduction*.

Elizabeth Marino, Noemie Gonzalez, Alessandra Jerolleman, Annie Weyiouanna, Dennis Davis & Chantel Comardelle (2024) Community-led relocations and the use of buyouts as an adaptation to climate change-induced flooding and erosion, *Arctic, Antarctic, and Alpine Research*, 56:1

Julie Maldonado, Kristina Peterson, R. Eugene Turner, Theresa Dardar, Shirell Parfait-Dardar, Rosina Philippe, Donald Dardar, Alessandra Jerolleman, Julie Torres, Rebecca Lovingood, Mira Olson. (2023). Climate actions with a lagniappe: Coastal restoration, flood risk reduction, sacred site protection, and tribal communities. In. *Anthropology and Climate Change*, 3rd ed.

Marino, E.K., K. Maxwell, E. Eisenhauer, A. Zycherman, C. Callison, E. Fussell, M.D. Hendricks, F.H. Jacobs, A. Jerolleman, A.K. Jorgenson, E.M. Markowitz, S.T. Marquart-Pyatt, M. Schutten, R.L. Shwom, and K. Whyte, 2023: Ch. 20. Social systems and justice. 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.CH20>

Alessandra Jerolleman (1st), Elizabeth Marino (1st), Nathan Jessee (1st), Liz Koslov, Melissa Villarreal, Daniel de Vries, Joel Neimeyer, Stacey Fritz, and Simon Manda (2023). *The Relationship between Persons and Property: Implications for Climate Change and Resettlement*. Palgrave: McMillan.

Simon Manda, Alessandra Jerolleman, Elizabeth Marino. (2023). Home Buyout Programs: Rethinking How We Define Success. The Insider. ASFPM.

Simon Manda, Alessandra Jerolleman, Elizabeth Marino. (2023) Assumptions and understanding of success in home buyout programs, *International Journal of Disaster Risk Reduction*, <https://doi.org/10.1016/j.ijdrr.2023.103863>.

Jerolleman, Alessandra and Belblidia, Miriam. (2022). "Current and Future Directions in Hazard Mitigation Policy" in Islam, Tanveer. *Innovating and Adapting to Reduce Disaster Losses*. Elsevier Press.

Elizabeth Marino, Alessandra Jerolleman, Nathan Jessee, Annie Weyiouanna, Meghan Sigvana Topkok, Eli Keene, and Simon Manda. (2022) "Is the Longue Durée a Legal Argument?: Understanding Takings Doctrine in Climate Change and Settler Colonial Contexts in the United States" *Human Organization*

Jerolleman, Alessandra., Hodges, Race., and Belblidia, Miriam. (2022). "Preventing Fraud vs. Preventing Risk Reduction – Are we focusing too much on making sure that people don't cheat?" in Kushma, Jane. *Exploiting the Opportunities for Adaptation and Innovation*. Elsevier Press.

Jerolleman, Alessandra., Shirley Laska and Julie. "Lessons from Co-Occuring Disasters" in ed. Jerolleman, Alessandra. & Waugh, Bill. (2022). *Justice, Equity and Emergency Management*

Jerolleman, Alessandra. & Waugh, Bill. (ed). (2022). *Justice, Equity and Emergency Management*

Jerolleman, Alessandra. (2021). *Compassion, Grieving and Being Human: The Path through Recovery with Justice – An Interview with Dr. Alessandra Jerolleman*. Fire Adapted Communities Learning Network. <https://fireadaptednetwork.org/interview-with-dr-alessandra-jerolleman/>

Jerolleman, A., Laska, S., & Torres, J. (2021). *Lessons from Co-Occurring Disasters: COVID-19 and Eight Hurricanes. Natural Hazards Center Quick Response Grant Report Series, 327*. Boulder, CO: Natural Hazards Center, University of Colorado Boulder. Available at: <https://hazards.colorado.edu/quick-response-report/lessons-from-co-occurring-disasters>

Graves, Jerry., Jerolleman, Alessandra., and, Belblidia, Miriam. (2021). "Public Safety, Emergency Managers, and Emergency Management: How a Budget Crisis and Poor Public Administration Resulted in the Flint Water Crisis." In Thornton, Tonya., Andrew W. Williams, Katherine M. Simon & Jennifer F. Sklarew. Eds. *Management Challenges for the Flint Water Crisis*. Westphalia Press.

Jerolleman, Alessandra. (2021). *Building Resilience for Rural America*. EoS. <https://eos.org/opinions/building-resilience-in-rural-america>

Jerolleman, Alessandra. (2021). *Storytelling and Narrative Research in Crisis and Disaster Studies*. In *Encyclopedia of Crisis Analysis*. Oxford University Press. doi:10.1093/acrefore/9780190228637.013.ORE_POL-01615.R1

Elizabeth Marino, Joyce Rivera-Gonzalez, Mara Benadusi, Alexa Dietrich, Mo Hamza, Alessandra Jerolleman, and Adam Koons (2020) *COVID-19 and All the Things That Kill Us: Research Ethics in the Time of Pandemic*. *Practicing Anthropology*: Fall 2020, Vol. 42, No. 4, pp. 36-40.

Jerolleman, Alessandra and Graves, Jerry. (2020) *Linking the Social and Built Environments*. In Huff, B., Thomas, E., & McNabb, N. *The Community Resilience Handbook*. American Bar Association.

Freitag, Bob., Thad Hicks, Alessandra Jerolleman & Wendy Walsh. (2020). *Storytelling – Plots of Resilience, Learning & Discovery in Emergency Management*. *Journal of Emergency Management*

Jerolleman, Alessandra & Graves, Jerry. (2020). *Personal and Institutional Timelines for Hurricane Preparedness, Recovery and Mitigation*. *International Journal of Mass Emergencies and Disasters*, 38(1):

Jerolleman, Alessandra. (2019). *Untitled Contribution*. Digital Dialogue No. 4: Improving the Disaster Recovery of Low Income Households. Wharton Risk Management and Decision Processes Center. <https://riskcenter.wharton.upenn.edu/digital-dialogues/improvingdisasterrecovery/>

Jerolleman, Alessandra. (2019). *Disaster Justice for All: The Need for a More Equitable and Just Recovery Lens*. *Research Counts*. <https://hazards.colorado.edu/news/research-counts/disaster-justice-for-all-the-need-for-a-more-equitable-and-just-recovery-lens>

Jerolleman, Alessandra and Graves, Jerry. (2019). "Evacuation of an At-Risk Population: Cultural Competency and Ensuring Safety." In ed. Knox, Claire and Haupt, Brittany. *Cultural Competency in Emergency Management Case Study Book*

Jerolleman, Alessandra., Belblidia, Miriam. & Graves, Jerry. (2019) "Long Term Recovery for the Small Businesses Community" In Edwards, Frannie. (2019) *Housing Recovery after Disaster*

Kiefer, John., Jerolleman, Alessandra., & Graves, Jerry. (2019) "Pressure Points: A Systems Approach to Long-Term Recovery in South Louisiana" In Edwards, Frannie. (2019) *Housing Recovery after Disaster*

Jerolleman, Alessandra. (2019). "Challenges of Post-Disaster Recovery in Rural Areas: Poverties Control" in Laska, Shirley. *Louisiana Response to Extreme Weather*.

Jerolleman, Alessandra. (2019). *Disaster Recovery Through the Lens of Justice*. Palgrave Macmillan

Jerolleman, Alessandra. (2019). "The Production of Natural Hazard Services by Public Agencies and Private Contractors" *Oxford Research Encyclopedia of Natural Hazard Science*

Feldmann-Jensen, Shirley, Caroline S. Hackerott, Claire Connolly Knox, James D. Ramsay, David A. McEntire, & Alessandra Jerolleman. (2018). "The Scholarship of Teaching and Learning in Emergency Management and Homeland Security: Trends, Gaps, Barriers, and Opportunities," *Journal of Emergency Management*

Review editor NC4, Southeast Chapter. USGCRP, 2017: Climate Science Special Report: Fourth National Climate Assessment, Volume I [Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, D.J. Dokken, B.C. Stewart, and T.K. Maycock (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, 470 pp., doi: 10.7930/J0J964J6.

Laska, Shirley., Howell, Susan., and Jerolleman, Alessandra. (2018) "Built-in" Structural Violence and Vulnerability: A Common Threat to Resilient Disaster Recovery. In Zakour, Michael., Mock, Nancy., & Paul Kadetz. *Creating Katrina, Rebuilding Resilience: Lessons from New Orleans on Vulnerability and Resiliency*. Elsevier

Jerolleman, Alessandra. (2017). *Community Resettlement*. *Global Encyclopedia of Public Administration, Public Policy, and Governance*

Jerolleman, Alessandra and Kiefer, John. (2015). Leveraging the Private Sector in Emergency Management: Thar Be Dragons! *PA Times* 1:3.

Klima, Kelly & Jerolleman, Alessandra (2015). "A Rose by Any Other Name – Communicating Between Hazard Mitigation, Climate Adaptation, Disaster Risk Reduction, and Sustainability Professionals". *Journal of Environmental Studies and Sciences*.

Jerolleman, Alessandra & Kiefer, John. (2015). *The Private Sector's Role in Disasters: Leveraging the Private Sector in Emergency Management - Preparedness, Response, Recovery, and Mitigation*. CRC Press.

Jerolleman, Alessandra (2014). "National Disaster Mitigation Framework." *Encyclopedia of Public Administration and Public Policy*. Taylor & Francis.

Jerolleman, Alessandra (2014). "Emergency Management: Disaster Mitigation Act of 2000." *Encyclopedia of Public Administration and Public Policy*. Taylor & Francis.

Klima, Kelly & Jerolleman, Alessandra (2014): "Bridging the Gap: Hazard Mitigation in the Global Context" *Journal of Homeland Security and Emergency Management (DGJHSEM)*, 11(2): 209-216.

Kiefer, John & Jerolleman, Alessandra (2013) "What Has Been Done? Louisiana After Katrina." In Kapucu, Naim & Liou, Kuotsai Tom (eds). (2013). *Disasters & Development: Issues and Country Studies*.

Jerolleman, Alessandra & Kiefer, John. (2012). *Natural Hazard Mitigation: A Casebook for Academics and Practitioners*. CRC Press.

Co-Author “Planning and Building Livable, Safe & Sustainable communities: The Patchwork Quilt Approach.” NHMA 2011

Co-Author “ Early Update on January 12, 2010 Mw 7.0 earthquake in Haiti” AEG News: Association of Environmental and Engineering Geologists. March 2010

“Natural Hazard Mitigation Association Editorial on Disaster in Haiti”. Tulsa Partners Newsletter: January/February 2010

Research

2022-2027 National Science Foundation. Title: Large-scale CoPe: Rising Voices, Changing Coasts: The National Indigenous and Earth Sciences Convergence Hub. \$20,000,000.

Co-Principal Investigator. NSF. 2019-2024 1921045. Adaptations to Repetitive Flooding: Understanding Cross-Cultural and Legal Possibilities for Long-Term Solutions to Flooding Disaster

2021-2023 National Oceanic and Atmospheric Administration’s Adaptation Sciences Program. Title: From Land to Sea: Learning from Indigenous and Local Knowledges to Co-create Climate Adaptation Metrics. \$299,629.

2021-2023 National Estuary Program—Coastal Watersheds Grant Program. Title: Lagniappe for the working coast: reducing flood risk and protecting sacred sites and tribal communities’ resilience by strengthening Louisiana’s marshes. \$246,385.

2021-2022 National Fish and Wildlife Foundation—National Coastal Resilience Fund. Title: Restoring Louisiana Marshes: Protecting Sacred Sites, Increasing Tribal Resilience, and Reducing Flood Risk. NFWF Award Number NA20NOS4730027. \$112,000.

Quick Response Jerolleman, Alessandra & Laska, Shirley. (2020). “Co-Occurring Black Swan Events -- First-time Ever Overlapping Hurricanes with Challenging Storm Forecast in the Context of a Pandemic: Uncharted Coastal County Disaster Management,” Quick Response Research Award Supported by the Natural Hazards Center at the University of Colorado Boulder with the support of the National Science Foundation. (\$2,000.00)

The U.S. Federal Emergency Management Agency. (2020). *COVID-19’s Impact on the Human and Social Services Sector*. Washington, D.C.: FEMA.

CADAN [Culture and Disaster Action Network]. 2020. Cumulative Effects of Successive Disasters Research Protocol. CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research. Working Group: Katherine E. Browne and Caela O'Connell (leads), Alexa Dietrick, A.J. Faas, Alessandra Jerolleman, Adam Koons, Julie Maldonado, Keely Maxwell, Laura Yoder, Laura Olson, Namrita Singh (members)

CONVERGE COVID-19 Working Group: Global Researchers' Network for COVID-19: Working Group II

Principal Investigator. EMI Higher Ed. 2018-2019. *Storytelling in Emergency Management Education.*

Co-PI NOAA. 2019. LiKen. *Rising Voices: Climate Resilience through Indigenous and Earth Sciences Program*

Principal Investigator. *Performing Arts Readiness, Jazz and Heritage Foundation.* 2019

Co-PI. *Long Term Recovery from Hurricane Maria*

Principal Investigator. Louisiana Endowment for the Humanities. 2017-2018. *Disaster Recovery and Preparedness for Humanities Institutions in Louisiana*

Principal Investigator. National Academy of Sciences. 2017-2019 *Supporting the Isle de Jean Charles Community Resettlement through Cross-Boundary Networks and Knowledge Synthesis*

Principal Investigator. Lowlander Center. 2016-2017. *Building the Resilience of Small Coastal Businesses*

Principal Investigator. Natural Hazard Mitigation Association. 2015. *Hide From the Wind: Tornado Safe Rooms in Central Oklahoma*

Principal Investigator. National Wildlife Federation. 2014. *Achieving Resilience in Coastal Communities: Resources and Recommendations*

Presentations, Workshops and Courses Taught

Harvard Radcliffe Institute. "Assessing, Communicating, and Managing Climate Risk in Underserved Communities." 2026. Invited Participant

AMS Annual Meeting. "Community-driven Environmental & Weather Monitoring: A Case Study in Louisiana." 2026. Panelist.

"From the Bottom Up: Collaborating with Hyper-Local 'p'lanning for Preparedness and Resilience." SECOPA 2025 Presentation

Water Justice Knowledge Exchange, "*Environmental Health Education in Sulphur, Louisiana*," Moderator, September 8, 2025

GeoTrek Podcast. August 12, 2025. *Hurricane Katrina: Lessons learned and the path forward with Alessandra Jerolleman*: <https://rss.com/podcasts/geotrek/2162615/>

ELI Disaster Mitigation Summer School Session. "*Emergency Management: A Fragmented and Complex Landscape*." Presenter. August 12, 2025

"*Insurance and Liability - Design Professionals and Climate*." Presentation. Pennsylvania Natural Hazards Legal and Planning Aspects Workshop. August 7-8, 2025

Keynote. "*Storylines and risk planning on the Gulf Coast*." Compounding, cascading, and critical risks to U.S. infrastructure and security. NSF Workshop August 4-6, 2025

"*Preparedness from the Bottom Up* " Arizona Partners in Preparedness Webinar. August 6, 2025

On Environmental Law, Climate Change Woes and FEMA, 2025, Panelist, Retaining our Republic: Law Professors explore President Trump's Executive Orders

Bureaucratic Discretion and Effective Emergency Service Provision, 2025, Panelist, American Society of Public Administration

Speaker, Climate Resiliency Action Series, sponsored by the Council on Library and Information Resources, *Place-Based Planning*, 2025

Speaker, *Presidential Session – Place-based Convergency Science in Action: Story-sharing with the Rising Voices, Changing Coast's Louisiana Hub*, The 2025 AMS Heather Lazarus Symposium, *Convergency Science: Indigenous Weather, Water, and Climate Knowledge, Systems, Practices, and Communities*, 2025

Speaker, *Lessons in Collaboration*, CASC Futures Forum, 2024

Facilitator, *Convening on Race, Equity, and Community Participation in Home Buyout Programs*, Community Equity Initiative at New York University School of Law, 2024.

Speaker, *Looking Back to Look Ahead: Contextualizing Risk in Southwest Louisiana*, Micah 6:8 Health and Environment Summit, 2024

Speaker, *Continuous Progress: Implementing Equity in Federal Programs*, Natural Hazards Workshop, 2024

Speaker, San Antonio River Authority Climate Training, hosted by the South Central Climate

Adaptation Center, 2024

Invited Participant, Building on the National Climate Resilience Framework, hosted at the National Adaptation Framework, 2024

Moderator, National Adaptation Forum, *Urban Climate Adaptation*, 2024

USGS Webinar Series, *Environmental Justice Speaker Series*, 2024

Panelist, FEMA HMA Workshop, *Using Community HUBS for Resilience*, 2024

Panelist, USGS Grassroots Symposium, *Equity in the Climate Adaptation Science Centers*, 2024

Panelist and Moderator for *Community Land Trusts and Communal Ownership: Strategies for Climate Adaptation without Displacement*, South Central Climate Resilience Forum, 2024

Speaker, *Expediting Disaster Support to Historically Marginalized Communities*, hosted by Conduent and IAEM, 2024 <https://www.conduent.com/insights/expediting-disaster-support/>

Co-Organizer for the *Urban Ecology Virtual Symposium*, hosted by the National Climate Adaptation Science Center, 2024

Panelist at *Materializando la promesa de la ciencia de convergencia/Materializing the promise of convergence science*, University of Puerto Rico Rio Piedras, 2024

Speaker for *Quantifying the Economic Impact of Climate Change*, a Senate and House staff briefing hosted by the Evangelical Environmental Network, 2024

National Low Income Housing Coalition, Webinar on FEMA's Recent Disaster Recovery Reforms, Panelist, 2024

Invited Participant, Exploratory Workshop on Defining Community for Climate Resilience and Energy Transition, Harvard Center for Population and Development Studies & Salata Institute for Climate and Sustainability, January 2024

Facilitating Public Engagement in Effectively Responding to Challenges Posed by Disasters and Crises, Southern Political Science Association, Round Table, 2024

Exploring the Significance of Environmental Justice in Science, Southeast Climate Adaptation Science Center, Panelist, 2023

Climate Change and Emergency Response: Finding Ways to Address Natural Disasters, CARE Power Panel, Panelist, 2023

Ethical Aspirations in Bureaucratic Structures, Panelist, 2023, Disaster Justice Network

Public Administration during times of conflict: Impacts on governance and service delivery.
Symposium Co-Lead, 2023

Persons and property, bureaucracy and discretion: Implications for climate change and resettlement, 2023, Panelist, ASPA

Disaster Driven Displacement and Climate Adaptation: Who is asked to bear the burden?, 2022,
Rural 2 Rural, Speaker, Canada

The Next Big One: The Ongoing Work of Disaster Recovery and Preparedness for Communities on the Frontline, 2022, Louisiana Disaster Justice Network Webinar, Moderator

Managed Retreat in the U.S. Gulf Coast Region, 2022, National Academies of Science, Engineering, and Medicine, Workshop Moderator

Equity and resilience in flood relocation and buyouts, US Army Corps of Engineers San Francisco District Webinar 2022, Speaker

Tis the Season, Business Continuity Planning 101, TruFund 2022, Instructor

What the Water Tells Us: Hurricanes, Floods, and Water Contamination across the U.S., SFAA 2022, Round Table Panelist

Equitable Adaptation and Climate Resilience, Tulane School of Social Work 2022, Speaker

Resilient Affordable Housing 101, Climate Risk Reduction in the Gulf, Gulf Coast Climate Resilience Academy 2022, Enterprise Community Partners, Presenter

Community Recovery, Community Recovery Webinar Series 2022, British Columbia, Webinar Presenter

The Missing Ingredient for Successful PPPs Now & Into the Future - Diverse and Inclusive Leadership, International Sustainable Resilience Center 2021, Webinar Presenter

Compound Disasters: Assisting Survivors with Displacement and Recovery, Hazards Workshop 2021, Panelist

Tracking Unequal Recovery Outcomes, International Researchers Meeting 2021, Moderator

Diversity, Equity and Inclusion, Towards Disaster Justice, Pennsylvania 2021 Risk Reduction Consultation, 2021

Justice and Equity in Emergency Management, Royal Roads University, 2021

Disaster Risk Reduction, Disaster Risk Management Society, GCU Lahore, Pakistan, Webinar, 2021

Just Adaptation: Equity and Justice in Climate Adaptation for Coastal Communities, U.S. Global Change Research Program Webinar, 2021

Rural Resilience, CDFA Webinar, 2021

Towards a More Just Recovery, Northern California Workshop, 2021

Disaster Recovery Through the Lens of Justice, Invited Presenter, National Academies of Sciences, Engineering, and Medicine. Resilient America Program, 2020

Justice in Local Recovery, USGS Webinar, 2020

Justice in Local Recovery, Invited Presenter, Fire Adapted Communities Learning Network, Research Panel, 2020

Recovery Through the Lens of Justice, Speaker, FEMA Region VI Speaker Series, 2020

Just Dialogue: An Intergenerational Conversation on Justice, Sustainability, and Abundance, Co-Moderator, Natural Hazards Workshop, 2020

Partnering with Practitioners Coffee Hour & Virtual Roundtable, Co-Moderator, Natural Hazards Workshop, 2020

PASSA Key Note

Social Justice and Equity in Emergency Management, ASPA Webinar, 2020

Unique Issues for Emergency Management in Rural Areas, National Advisory Council, 2019

Puerto Rico & the Diaspora: The Efforts and Capacity of Nongovernmental Organizations Responding to Evacuees, Speaker, International Researchers Meeting, 2019

Convergence in Emergency Management, Speaker, Natural Hazards Workshop, 2019

Practitioners Round Table, Facilitator, Natural Hazards Workshop, 2019

Changing Climate, Changing Law, Panelist, Loyola University, 2019

Hazard Mitigation and Community Identity: Utilizing Narratives and History to Support Hazard Mitigation, Hazard Mitigation Stakeholder Working Group, 2019

Understanding Equity and Social Justice in Disaster Recovery, Keynote, Regional Disaster Preparedness Conference, 2019

Challenges of Institutional Context & the Culture of NGOs engaged in DRR efforts, Panelist, Society for Applied Anthropology, 2019

Puerto Rico and the Diaspora: the efforts and capacity of non-profit recovery efforts, Panelist, Society for Applied Anthropology, 2019

The Challenges of Post-Disaster Recovery in Rural Areas, Panelist, American Society for Public Administration 2019

Strategies for Mitigating and Responding to Emergencies and Disasters, Speaker, National State Humanities Conference, 2018

Storytelling in Emergency Management, Panelist, FEMA Higher Education Program Webinar, 2018

Small 'p' Planners, Panelist, Louisiana American Planning Association, 2018

Justice in Disaster Recovery, Speaker, Science to Action Day at the Global Climate Summit, 2018

Innovations in Disaster Damage Assessment and Information: The Case of the Jacksonville, AL Tornado, Moderator, Southeastern Conference for Public Administration, 2018

Highlights from the 43rd Annual Natural Hazards Research and Applications Workshop, Panelist, FEMA Higher Education Program Webinar, 2018

Working with Practitioners Roundtable, Facilitator, Natural Hazards Workshop, 2018

Focusing Events: Leveraging Resources for Preparedness and Mitigation in At-Risk Communities, Panelist, Natural Hazards Workshop, 2018

Planning and Restoration of the Built Environment, Moderator, State of the Coast, 2018

Waterworld: Old Movie Turned New Reality, Panelist, American Planning Association, 2018

Personal and Institutional Timelines for Hurricane Preparedness, Recovery and Mitigation, Panelist, Society for Applied Anthropology, 2018

Technical Systems, Social Systems and Policy Changes: The Role of the NFIP, Panelist, American Society for Public Administration 2018

Obstacles Faced by Practitioners in Affecting Local and State Emergency Planning Projects, Panelist, American Society for Public Administration 2018

Strengthening Alignment of US Disaster Planning with International Models & Related SDG Efforts to Reduce Disaster Vulnerability, Panelist, American Society for Public Administration 2018

Incorporating Disaster Risk Reduction into Planning for Cultural Resource Preservation, Panelist, Society for Historical Archaeology, 2018

Planning for Disaster Recovery, Panelist, South Eastern Conference of Public Administration, 2017

EM/HS Scholarship of Teaching and Learning Focus Group Update, Speaker, FEMA Higher Education Program Webinar, 2017

Working with Practitioners Roundtable, Facilitator, Natural Hazards Workshop, 2017

Practitioner and Academic Divides, Panelist, Society for Applied Anthropology, 2017

Sand Tray Therapy, Workshop Co-Facilitator, Society for Applied Anthropology, 2017

PA Competencies: Are We Meeting Practitioners Expectations, Section on Public Administration Education Workshop Speaker, American Society for Public Administration, 2017

Propeller Water Challenge Workshop Series, Organizer, Moderator & Speaker, 2016-2017

The 9-Steps to Disaster Recovery: How to Better Prepare Your Campus to Recover from a Disaster, Keynote Speaker, Campus Security Summit, 2016

Resilience Actions for Small and Medium Coastal Louisiana Businesses in Light of Environmental Changes, Speaker, State of the Coast, 2016

Small Business Resilience Workshops, St. Bernard, Plaquemines & Jean Lafitte, 2016

Isle de Jean Charles Resettlement, Working on the Water, 2016

"Preventing Fraud vs. Preventing Risk Reduction: Are we focusing too much on making sure that people don't cheat", Moderator and Panelist, Concurrent Session at American Society of Public Administration, 2016

A Community Conversation on Flood Risk, Panelist, Greater New Orleans Water Collaborative 2015

Propeller Water Challenge Workshop Series, Organizer, Moderator & Speaker, 2015-2016

"Preventing Fraud vs. Preventing Risk Reduction: Are we focusing too much on making sure that people don't cheat", Concurrent Session at Southeastern Conference for Public Administration, 2015

Advancing Public Participation by Developing Accessible Hazard Mitigation Plans, Presenter, Association of State Flood Plain Managers 2015

Just Resilience, National Adaptation Forum, 2015

Changes in the Resilience Landscape: Emerging Collaborations and Trends, Speaker, Katrina @10, 2015

New Jersey Hazard Mitigation Workshop, Developer and Speaker, 2015

A Holistic Approach to Community Disaster Resilience, Speaker, Natural Hazard Mitigation Association Webinar, 2015

Child Care Emergency Planning, Speaker, Natural Hazards Center Workshop, 2014

Enterprise Community Partners Green Communities Resiliency Roundtable, Invited Stakeholder, GBC Round Table, 2014

Involving Citizens in Issues of Hazard Mitigation and Planning for Disaster Resilience, Moderator, Natural Hazards Center Workshop, 2014

Hazard Mitigation Planning for Nebraska Natural Resource Districts – Advanced Plan Model, Speaker, Association of State Flood Plain Managers, 2014

Best Practices for DMA 2000 Hazard Mitigation Plan Updates, Workshop Trainer, Association of State Flood Plain Managers, 2014

The Privatization of Hazard Mitigation: A Case Study of the Creation and Implementation of a Federal Program, Speaker, American Society for Public Administration, 2014

FEMA G-318: Hazard Mitigation Planning, Instructor, Pennsylvania Emergency Management Agency 2014

IS-36 Multi-Hazard Planning for Childcare, Trainer, Various Sessions, 2014

International Hazard Mitigation Practitioners Workshop, Workshop Organizer, 2014

Child Care Emergency Planning Training, Developer and Trainer, Various Sessions, 2014

Child Friendly Spaces: Temporary Respite Care, Workshop Instructor, City of New Orleans, 2014

Hazard Mitigation, Awards Lunch Keynote, Iowa American Planning Association, 2013

Integrating Adaptation in Hazard Mitigation Efforts, Webinar Speaker, Environmental Protection Agency, 2013

Attracting Funding for Adaptation, Speaker, EPA Webinar, 2013

Bridging the Gap: Hazard Mitigation in the Global Context, Speaker, American Society for Public Administration, 2013

Fostering Grass Roots Disaster Resilience and Sustainability, Speaker, American Society for Public Administration, 2013

Fostering Resilient Communities: Implementing a Whole Community Approach, Workshop Trainer, American Society for Public Administration, 2013

Emergency Planning for Child Care: Protecting the Youngest on Your Campus, Speaker, Disaster Resilient University Workshop, 2013

International Hazard Mitigation Practitioners Workshop, Workshop Organizer, 2013

Nine Steps to Build Back Smarter, Speaker, Disaster Resilient University Workshop, 2013

Child Care Emergency Planning Training, Developer and Trainer, Various Sessions, 2013

Building Resilience Workshop IV, Workshop Organizer, 2013

Child Care Emergency Planning Training, Developer and Trainer, Various Sessions, 2012

Social Change and the Building Resilience Workshop, Plenary Speaker, Social Change Film Festival, 2012

Utah Natural Hazards Legal Workshop, Workshop Organizer, 2012

NHMA's Resilient Neighbors Network, Speaker, EM Forum, 2012

Resilient Neighbors Network, Speaker, Silver Jackets Workshop, 2012

Enhancing Emergency Planning for Children in Disasters, Speaker, South Eastern Conference of Public Administration, 2012

Post-Disaster Toolkit, Moderator, Natural Hazards Center Workshop, 2012

Resilient Neighbors Network, Moderator, Natural Hazards Center Workshop, 2012

International Hazard Mitigation Practitioners Workshop, Workshop Organizer, 2012

Fostering Resilient Communities: Implementing a Whole Community Approach from a Mitigation Perspective, Workshop Trainer, Association of State Flood Plain Managers, 2012

Building Resilience Workshop III, Workshop Organizer, 2012

Hazard Mitigation and Climate Adaptation, Speaker, American Meteorological Society, Washington Forum, 2012

FEMA G-318: Hazard Mitigation Planning, Instructor, Pennsylvania Emergency Management Agency 2012

Natural Hazard Mitigation Association, Speaker, National Storm Shelter Association Meeting, 2012

Integrating Hazard Mitigation and Climate Adaptation, Speaker, American Meteorological Society Conference, 2012

Current and Future Trends in Hazard Mitigation, Speaker, International Disaster Conference and Expo, 2012

Child Friendly Spaces: Temporary Respite Care, Workshop Instructor, Mississippi NCCC - 2012

Children's Unique Needs in Emergencies, Training Session, Multiple Deliveries, 2011-2012

The Patchwork Quilt, Trainer, National Flood Proofing Conference IV, 2011

A Safe, Secure, and Sustainable Coast: A Current Snapshot of Nonstructural Mitigation along Coastal Louisiana, Speaker, National Flood Proofing Conference IV, 2011

Current and Future Trends in Hazard Mitigation 1 and 2, Speaker, Pennsylvania Emergency Management Agency Conference, 2011

Why Mitigation Matters: How Congress can Encourage Disaster Efforts to Support Community Resilience and Reduce Economic Burdens on Constituents, Speaker, Briefing to the House Infrastructure and Transportation Committee 2011

Hazard Mitigation on the Ground, Created and Served as Host, National Hazard Mitigation Practitioners Workshop, 2011

Child Friendly Spaces: Temporary Respite Care, Workshop Instructor, NCCC - 2011

Planning for Children in Disasters, Speaker, FEMA Region VI Mitigation Conference, 2011

Children in Disasters, Workshop Instructor, National Hurricane Conference, 2011

Mitigation Rap Session, Speaker on behalf of NHMA, National Hurricane Conference, 2011

Natural Hazard Mitigation for Infrastructure, Discussant, American Society of Public Administration Conference 2011

Unique Needs of Children in Emergencies, Panelist, Groves Family Conference, 2011

Risk Assessments at the Campus Level, Speaker, Disaster Resistant University Conference 2011

FEMA G-318: Hazard Mitigation Planning, Instructor, Pennsylvania Emergency Management Agency 2011

Motivating Local Governments to Reduce Hazards Risks, Panelist, Natural Hazards Workshop, 2010

Implementing Gilbert White's Vision: Moving Hazard Mitigation Forward, Created and Served as Host, Two day Add-On Session to the Natural Hazards Workshop, 2010

Early Bird Session: Hazard Mitigation Planning, Host, Association of State Flood Plain Managers Conference, 2010

Getting the Most out of Hazard Mitigation Planning, Moderator, Association of State Flood Plain Managers Conference, 2010

Natural Hazard Mitigation: Pre-Disaster Accountability and Responsibility, Discussant, American Society for Public Administration Conference 2010

Hazard Mitigation Planner: Updating State and Local Mitigation Plans, Moderator, National Hurricane Conference, 2010

Mitigation Rap Session, Speaker on behalf of NHMA, National Hurricane Conference, 2010

Legacy of Hurricane Katrina: Opportunity and Challenge, Discussant, American Society for Public Administration Conference, 2009

Expanded Mitigation Strategies: Turning Plans into Projects, Panel, Association of State Flood Plain Managers Conference, 2009

Ground Truthing the Repetitive Loss List, Panel, Association of State Flood Plain Managers Floodproofing Conference, 2008

Progress Report: Louisiana's Hazard Mitigation Planning Pilot Grant Program, Panel, Association of State Flood Plain Managers, 2008

A Case Study in Implementation and Programmatic Failure: FEMA's Hazard Mitigation Grant Program in Southeastern Louisiana, Panel, American Society for Public Administration, 2008

FEMA Trailers as Emergency Housing: Keeping Short Term Shelter from Becoming a Long Term Problem, Panel, South Eastern Conference of Public Administration, 2006

Computer Skills Microsoft Office, ESRI GIS 1 Certificate, Adobe Suite

Language Skills Fluent in Spanish.

References Available Upon Request