

Naduni Jayasinghe

PhD Candidate, ABD
Department of Sociology
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RESEARCH INTERESTS: Environmental perceptions; Environmental Justice; Disasters; Health; Housing; Fertility

TECHNICAL SKILLS: STATA, R, ArcGIS, Qualtrics, Spatial modeling, Longitudinal modeling, Qualitative methods

EDUCATION

2022 - Present	Louisiana State University (LSU), Baton Rouge, Louisiana PhD in Sociology (Reading)
2015 - 2020	University of Colombo, Sri Lanka BA in Sociology with First Class Honors
2017 - 2018	University of Plymouth, UK MSc. in Brand and Design Management with Distinction
2013 - 2016	National School of Business Management (NSBM), Sri Lanka/University of Plymouth, UK BSc. (Hons.) Marketing Management with First Class Honors

PEER-REVIEWED JOURNAL PAPERS

2026	Jayasinghe, N. , Brown, V., Smiley, K., and Keim, B. "Do Climate Change Knowledge and Risk Perceptions Drive Flood Preparedness? Evidence from New Orleans." <i>Climate Risk Management</i> 53: 1-17. https://doi.org/10.1016/j.crm.2026.100852
2025	Jayasinghe, N. and Rackin, H. "Dimensions of Environmental Attitudes and General Fertility Ideals." <i>Population and Development Review</i> 51(4): 1279-1313. http://doi.org/10.1111/padr.70019 . (Featured in Population Council Insights)
2025	Jayasinghe, N. and Smiley, K. "Environmental Attitudes as a Hegemonic Discourse? An Alternative Epistemology of Environmental Orientations from the Global South." <i>Environmental Sociology</i> 1-21. https://doi.org/10.1080/23251042.2025.2514431 .
2024	Kamalrathne, T., Jayasinghe, N. , Fernando, N., Amaratunga, D., and Haigh, R., "Managing Compound Events in the COVID-19 Era: A Critical Analysis of Gaps, Measures Taken, and Challenges." <i>International Journal of Disaster Risk Reduction</i> 112: 1-16. https://doi.org/10.1016/j.ijdrr.2024.104765 .
2022	Jayasinghe, N. , Fernando, N., Haigh, R., Amaratunga, D., Fernando, N., Vithanage, C., Ratnayake, J. and Ranawana, C. "Economic Resilience in an Era of 'Systemic Risk': Insights from Four Key Economic Sectors in Sri Lanka." <i>Progress in Disaster Science</i> 14: 1-16. https://doi.org/10.1016/j.pdisas.2022.100231 .
2022	Jayasinghe, N. , Fernando, N., Amaratunga, D., Haigh, R., Gunathilake. "Exploring the Impact of Planned Relocation on Agricultural Income Generation in Sri Lanka: A Case of Landslide Induced Resettlement in Y District". <i>Journal of Regional and City Planning</i> 33(1): 1-22. https://doi.org/10.5614/jpwk.2022.33.1 .

- 2020 Amaratunga, D., Fernando N., Haigh, R., and **Jayasinghe, N.** “The COVID-19 Outbreak in Sri Lanka: A Synoptic Analysis Focusing on Trends, Impacts, Risks and Science-Policy Interaction Processes.” *Progress in Disaster Science* 8: 1-9. <https://doi.org/10.1016/j.pdisas.2020.100133>.

BOOK CHAPTERS

- 2022 Fernando, N. and **Jayasinghe, N.** “Relocation of Vulnerable Households following Natural Disasters: Evidence of Planned Relocation in Sri Lanka” in Hamza, M., Amaratunga, D., Haigh, R., Malalgoda, C., and Jayakody, C. (ed.) *Rebuilding Communities after Displacement - Sustainable and Resilience Approaches*, Springer Nature: Cham, Switzerland [[Link](#)]
- 2020 Fernando, N., **Jayasinghe, N.**, Amaratunga, D., Haigh, R., Siriwardana, C., Jayasekara, R. and Jayaweera, S. “Towards Broadening the Scope of Disaster Risk Reduction: An Exploration of How Epidemic and Pandemic Preparedness is Currently Embedded within Existing Disaster Risk Reduction Planning in Sri Lanka” in Amaratunga, D., Haigh, R. and Dias, N. (ed.) *Multi - Hazard Early Warning and Disaster Risk Reduction*, Springer Nature: Cham, Switzerland [[Link](#)]
- 2020 Fernando, N., **Jayasinghe, N.**, Amaratunga, D., Haigh, R., Siriwardana, C., Herath, H., Ranaweera, P., Ariyasinghe, U., and Jayaweera, S. “Settling the Ripples: An Examination of Sri Lanka’s Approach to Addressing Cascading Impacts of the COVID-19 Pandemic” in Senaratne, R., Amaratunga, D., Mendis, S. & Athukorala, P. (ed.) *COVID 19: Impact, Mitigation, Opportunities and Building Resilience “From Adversity to Serendipity”, Perspectives of global relevance based on research, experience and successes in combating COVID-19 in Sri Lanka*, Vol. 1, National science Foundation: Colombo, Sri Lanka [[Link](#)].
- 2020 Fernando, N., Amaratunga, D., Haigh, R., Wise, B., Prasanna, J. and **Jayasinghe, N.** (2020) ‘Life two years after relocation: Status quo of natural hazard induced displacement and relocation in Kegalle, Sri Lanka’ in Amaratunga, D., Haigh, R. and Dias, N. (ed.) *Multi - Hazard Early Warning and Disaster Risk Reduction*, Springer Nature: Cham, Switzerland [[Link](#)]

MANUSCRIPTS IN REVIEW OR PREPARATION

- Al Assi, A., Hasan, F., Smiley, K., **Jayasinghe, N.**, Rahim, R., Friedland, C. “Two Faces of Wind Vulnerability: Structural Fragility and Economic Exposure in Coastal Louisiana” [In review at *Natural Hazards*]
- **Jayasinghe, N.**, Smiley, K., Al Assi, A., Mostafiz, R., Khan, N., Rahim, R., Friedland, C. “Socio-Spatial Inequities in Wind Risk Reduction and Enhanced Building Codes in Coastal Louisiana” [In preparation]
- **Jayasinghe, N.** and Rackin, H. “Religiosity, Political Ideology and Climate Change Risk Perceptions in the United States” [In preparation]

TECHNICAL REPORTS

- 2023 Kamalrathne, T., Jayasekara, R., Kodituwakku, L., Ariyasinghe, U., Ranaweera, P., Herath, H., Rupasinghe, C., Rathnayake, S., Amaratunga, D., Haigh, R., Siriwardana, C., Fernando, N., **Jayasinghe, N.** *Key Insights and Recommendations: Public Health Information Sharing among Underprivileged Groups and Vaccine Hesitancy during COVID-19 Pandemic in Sri Lanka*: Sri Lanka Medical Association and University of Huddersfield, UK [[link](#)]
- 2022 Amaratunga, D., Haigh, R., Kamalrathne, T., Fernando, N., **Jayasinghe, N.**, Siriwardana, C. S. A., Jayasekara, R. U., Herath, H., Ranaweera, P., Ariyasinghe, U., Kodithuwakku, L., Rathnayake, S., & Rupasinghe, C. *A Vision Paper on the Integration of Pandemics into a Multi-Hazard Early Warning (MHEW) Environment for Sri Lanka*: Ministry of Health, Sri Lanka [[link](#)].

2022	Fernando, S., Vithanage, C., Ratnayake, J., Ranawana, C., Fernando, N., Jayasinghe, N. , Haigh, R., & Amaratunga, D. <i>Position paper on COVID 19: Economic Preparedness and Building Resilience - Ensuring Disaster Preparedness and Business Continuity: Recommendations for the Private Sector</i> : Ceylon Chamber of Commerce [link]
2020	Fernando, N., Amaratunga, D., Wise, B., Haigh, R., Prasanna, J., Vijekumara, A., Ekanayake, K., Senanayake, A. and Jayasinghe, N. <i>Life Two Years After Relocation: Status quo of Natural Hazard Induced Displacement and Relocation in Kegalle, Sri Lanka</i> : NBRO, Sri Lanka [link]
2020	Amaratunga, D., Haigh, R., Fernando, N., Jayasinghe, N. , Siriwardana, C., Jayasekara, R. and Jayaweera, S. <i>Position paper on the integration of epidemic and pandemic preparedness in disaster risk reduction planning in Sri Lanka</i> [link]

AWARDS AND FELLOWSHIPS

- 2026-2027 LSU Dissertation Year Fellowship
- 2024-2025 Graduate Student Association Travel Award, Louisiana State University
- 2023-2024 Graduate Student Association Travel Award, Louisiana State University
- Pascal Ngoboka Student Travel Grant for the 2024 Annual Meeting of the Southwestern Social Science Association
- N.D.S Silva Memorial Prize for Sociology awarded for the best performance at the Special Degree Examination in Sociology, Faculty of Arts, University of Colombo, Sri Lanka, 2020
- Dean's List for the academic year 2017-2018 at the University of Plymouth – Faculty of Business
- Most Outstanding Academic Performance in the School of Management, NSBM, Sri Lanka, 2016

CONFERENCE PRESENTATIONS

2026	Natural Hazards Workshop and Researchers Meeting, Boulder, Colorado Jayasinghe, N. , Smiley, K., Al Assi, A., Khan, N., Mostafiz, R., <i>Social Inequities in Wind Risk Mitigation through Enhanced Building Codes in Louisiana</i>
2026	Natural Hazards Workshop and Researchers Meeting, Boulder, Colorado Jayasinghe, N. , Larrison, K., Yevuyibor, T., Smiley, K., Al Assi, A., Khan, N., Mostafiz, R., Rahim, R., Done, J. <i>Wind Risk Mitigation Through Infrastructural Adaptation Across Past, Present, and Future Climates</i>
2026	American Association of Geographers – Annual Meeting, San Francisco, Los Angeles Jayasinghe, N. , Smiley, K., Al Assi, A., Khan, N., Mostafiz, R., <i>Social Inequalities in Wind Damage from Hurricanes: Evidence from Coastal Louisiana</i>
2025	American Geophysical Union – Annual Meeting, New Orleans, Louisiana Khan, N., Al Assi, A., Smiley, K., Jayasinghe, N. , Mostafiz, R. <i>Social Vulnerability and Wind Risk Reduction through Enhanced Building Codes in Louisiana</i>
2025	American Sociological Association – Annual Meeting, Chicago, Illinois Jayasinghe, N. and Smiley, K. <i>Environmental Attitudes as a Hegemonic Discourse? Towards Decolonial Epistemologies of Environmental Orientations</i>
2025	Natural Hazards Workshop and Researchers Meeting, Boulder, Colorado Jayasinghe, N. , Brown, V., Smiley, K., and Keim, B. <i>Climate Change Knowledge, Risk Perception, and Flood Preparedness among New Orleans Residents</i>
2025	Population Association of America – Annual Meeting, Washington D.C. Jayasinghe, N. and Rackin, H. <i>Dimensions of Environmental Attitudes and General Fertility Ideals</i>

2024	Southwestern Social Science Association Annual Meeting, New Orleans, Louisiana Jayasinghe, N. and Rackin, H. <i>Examining the Links between Religiosity, Political Ideology and Climate Change Risk Perceptions in the United States</i>
2023	Society for Social Studies of Science – Annual Meeting, Honolulu, Hawaii Jayasinghe, N. , Schafer, M., Tiersch, T., Liu, Y. and Gutierrez-Wing, T. <i>Collaboration, Innovation, Standardization: Expanding a Global Network of Repositories of Aquatic Genetic Resources</i>
2022	International Research and Innovation Symposium on Dengue amidst the Pandemic, Colombo, Sri Lanka Jayasinghe, N. , Fernando, N., Amaratunga, D. and Haigh, R. <i>Managing Compound Events in the COVID-19 Era: A Critical Analysis of Policing and Planning, Execution and Gaps</i>
2021	7th International Conference on Humanities and Social Sciences (ICONArts), Colombo, Sri Lanka Jayasinghe N. , Fernando, N. , Vithanage, C., Fernando, S., Ratnayake, J., Ranawana, C., Amaratunga, D., and Haigh, R. <i>A typology of the role of the private sector in pandemic preparedness and response: Key insights from four key economic sectors in Sri Lanka</i>
2020	International Symposium of Multi-hazard Early Warning and Disaster Risk Reduction (virtual) Jayasinghe, N. and Jayasekara, R. <i>Existing Disaster Risk Reduction Planning and Epidemic and Pandemic preparedness</i>

PROFESSIONAL RESEARCH EXPERIENCE

May 2025- Present	Graduate Research Assistant Louisiana State University (LSU), Department of Sociology, Louisiana Project: Wind Resilience in Coastal Louisiana: A Social Equity Approach to Enhanced Building Code Practices (funder: LA-COE RFP3)
Jan 2025- Aug 2025	Graduate Research Assistant Louisiana State University (LSU), Department of Geography and Anthropology, Louisiana Project: Planning a Flood Resilient Future for New Orleans, LA (funder: NOAA)
May 2023 – Jan 2025	Graduate Research Assistant Louisiana State University (LSU) AgCenter, Baton Rouge, Louisiana Project: Climate Resilient Innovations for Sustainable Production of Rice (CRISP-Rice) (funder: USDA)
May 2023-Aug 2023	Graduate Research Assistant Aquatic Germplasm and Genetic Resources Center (AGGRC), Louisiana State University AgCenter, Baton Rouge, Louisiana (funders: NIH, NSF and USDA NIFA)
Apr 2020 – Jun 2022	Researcher Social Policy Analysis and Research Center, Faculty of Arts University of Colombo, Sri Lanka Projects: - Integrating Epidemic and Pandemic Preparedness into Disaster Risk Reduction in Sri Lanka (funder: University of Huddersfield, UK) - Improving COVID-19 and Pandemic Preparedness and Response through the Downstream of Multi-hazard Early Warning Systems (funder: UKRI GCRF) - Integrating pandemic, tsunami, and other multi-hazard preparedness into early warning and urban planning (funders: GCRF and University of Huddersfield, UK) - Life two years after relocation: Status quo of natural hazard induced displacement and resettlements in Sri Lanka (funder: National Building Research Organization, Sri Lanka)

TEACHING EXPERIENCE

List of courses – Teaching Assistant

- Introduction to Sociology (Fall 2022)
- Poverty in the United States (Fall 2022-Spring 2023)
- Introduction to Women's, Gender, and Sexuality Studies (Spring 2023)

List of courses – Guest Lectures

- Sociology of Health for Introduction to Sociology (Spring 2025)
- Sociology of Health for Introduction to Sociology (Spring 2026)

PROFESSIONAL ACTIVITIES AND SERVICE

2026	Moderator for the session “Housing Adaptation and Residential Mobility”, 2026 Natural Hazards Workshop and Researchers Meeting
2022- Present	Reviewer (peer reviewed journals) ▪ <i>Environmental Sociology, Disasters, The Sociological Quarterly, Natural Hazards</i>
2026	Selection committee member, LSU Sociology Department Fred C. Frey Memorial Award
2025	Selection committee member, LSU Sociology Department Fred C. Frey Memorial Award
2025	Judge, LSU Discover Day
2023-2024	Secretary, Sri Lankan Student Association (SLSA), LSU
2017-2018	Student Ambassador, University of Plymouth, UK
2016	Sri Lankan delegate, Ecosperity Young Leaders' Dialogue, Singapore
2014-2016	Secretary, Rotaract Club of National School of Business Management, Sri Lanka

PROFESSIONAL MEMBERSHIPS

- American Sociological Association
- Population Association of America
- American Association of Geographers
- Natural Hazards Engineering Research Infrastructure (NHERI) Graduate Student Council (NGSC)