

Naduni Jayasinghe

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Google Scholar:

<https://scholar.google.com/citations?user=nFLQTWAAAAJ&hl=en>

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Department of Sociology

College of Humanities & Social Sciences

Louisiana State University

Baton Rouge, LA 70803

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EDUCATION

Louisiana State University (LSU), Baton Rouge, Louisiana

August 2022 - Present

PhD in Sociology (Reading)

University of Colombo, Sri Lanka

May 2015 – March 2020

BA in Sociology with First Class Honors

Thesis: "Social Contours of the Economy: A Sociological Study of the Entrepreneurial Behavior of Small and Medium Scale Muslim Business Owners in Dehiwala"

University of Plymouth, UK

September 2017- July 2018

MSc. in Brand and Design Management with Distinction

National School of Business Management (NSBM), Sri Lanka

November 2013 – March 2016

BSc. (Hons.) Marketing Management with First Class Honors

AREAS OF INTEREST

Environmental orientations; Climate change; Disasters and disaster resilience; Health implications of disasters

AWARDS

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- 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, Faculty of Arts, University of Colombo, Sri Lanka
 - 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

PEER REVIEWD ARTICLES (PUBLISHED)

Jayasinghe, N. and Rackin, H. (2025) 'Dimensions of Environmental Attitudes and General Fertility Ideals', Population and Development Review, <http://doi.org/10.1111/padr.70019>.

Jayasinghe, N. and Smiley, K. (2025) 'Environmental Attitudes as a Hegemonic Discourse? An Alternative Epistemology of Environmental Orientations from the Global South', Environmental Sociology, <https://doi.org/10.1080/23251042.2025.2514431>.

Kamalrathne, T., Jayasinghe, N., Fernando, N., Amaratunga, D., and Haigh, R., (2024) 'Managing compound events in the COVID-19 era: A critical analysis of gaps, measures taken, and challenges', *International Journal of Disaster Risk Reduction*, 112, <https://doi.org/10.1016/j.ijdrr.2024.104765>. Available at: <https://www.sciencedirect.com/science/article/pii/S2212420924005272>

Jayasinghe, N., Fernando, N., Haigh, R., Amaratunga, D., Fernando, N., Vithanage, C., Ratnayake, J. and Ranawana, C. (2022) **'Economic resilience in an era of 'systemic risk': Insights from four key economic sectors in Sri Lanka'**, *Progress in Disaster Science*, 14, <https://doi.org/10.1016/j.pdisas.2022.100231>. Available at: <https://www.sciencedirect.com/science/article/pii/S2590061722000187>

Amaratunga, D., Fernando N., Haigh, R., and **Jayasinghe, N.** (2020) **'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, 100133,ISSN25900617,<https://doi.org/10.1016/j.pdisas.2020.100133>. Available at: <http://www.sciencedirect.com/science/article/pii/S2590061720300703>

MANUSCRIPTS UNDER REVIEW AND IN PREPARATION

Jayasinghe, N. and Rackin, H. (2024) **'Religiosity, Political Ideology and Climate Change Risk Perceptions in the United States'** [In preparation - Draft available]

BOOK CHAPTERS

Fernando, N. and **Jayasinghe, N.** (2022) **'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*. Available at: https://link.springer.com/chapter/10.1007/978-3-031-21414-1_11

Fernando, N., **Jayasinghe, N.**, Amaratunga, D., Haigh, R., Siriwardana, C., Jayasekara, R. and Jayaweera, S. (2020) **'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. Available at: https://link.springer.com/chapter/10.1007/978-3-030-73003-1_56

Fernando, N., **Jayasinghe, N.**, Amaratunga, D., Haigh, R., Siriwardana, C., Herath, H., Ranaweera, P., Ariyasinghe, U., and Jayaweera, S. (2020) **'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. Available at: http://www.nsf.ac.lk/images/pdf/COVID_Volume_NSF.pdf

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. Available at: <https://www.springerprofessional.de/en/life-two-years-after-relocation-status-quo-of-natural-hazard-ind/19653956>

TECHNICAL REPORTS

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.** (2023) **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. Available at: https://www.researchgate.net/publication/373735750_Key_Insights_and_Recommendations_Public_Health_Information_Sharing_among_Underprivileged_Groups_and_Vaccine_Hesitancy_during_COVID-19_Pandemic_in_Sri_Lanka

- 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. (2022) **A Vision Paper on the Integration of Pandemics into a Multi-Hazard Early Warning (MHEW) Environment for Sri Lanka**: Ministry of Health, Sri Lanka. Available at: https://www.researchgate.net/publication/373735840_A_Vision_Paper_on_the_Integration_of_Pandemics_into_a_Multi-Hazard_Early_Warning_MHEW_Environment_for_Sri_Lanka
- Fernando, S., Vithanage, C., Ratnayake, J., Ranawana, C., Fernando, N., Jayasinghe, N., Haigh, R., & Amaratunga, D. (2022). **Position paper on COVID 19: Economic Preparedness and Building Resilience - Ensuring Disaster Preparedness and Business Continuity: Recommendations for the Private Sector**. Ceylon Chamber of Commerce. Available at: https://gdrc.buildresilience.org/wp-content/uploads/2024/10/position_paper_2.pdf
- Fernando, N., Amaratunga, D., Wise, B., Haigh, R., Prasanna, J., Vijekumara, A., Ekanayake, K., Senanayake, A. and **Jayasinghe, N.** (2020) **Life Two Years After Relocation: Status quo of Natural Hazard Induced Displacement and Relocation in Kegalle, Sri Lanka**. Available at: https://www.researchgate.net/publication/350383469_Life_Two_Years_After_Relocation_Status_quo_of_Natural_Hazard_Induced_Displacement_and_Relocation_in_Kegalle_Sri_Lanka
- Amaratunga, D., Haigh, R., Fernando, N., **Jayasinghe, N.**, Siriwardana, C., Jayasekara, R. and Jayaweera, S. (2020) **Position paper on the integration of epidemic and pandemic preparedness in disaster risk reduction planning in Sri Lanka**. Available at: https://www.researchgate.net/publication/347254478_Position_paper_on_the_integration_of_epidemic_and_pandemic_preparedness_in_disaster_risk_reduction_planning_in_Sri_Lanka

PRESENTATIONS

- Annual Meeting of the Population Association of America, Washington D.C.** **April 2025**
Jayasinghe, N. and Rackin, H. Dimensions of Environmental Attitudes and General Fertility Ideals
- Annual Meeting of the Southwestern Social Science Association, New Orleans, Louisiana** **April 2024**
Jayasinghe, N. and Rackin, H. Examining the Links between Religiosity, Political Ideology and Climate Change Risk Perceptions in the United States
- Annual Meeting of the Society for Social Studies of Science, Honolulu, Hawaii.** **November 2023**
Jayasinghe, N., Schafer, M., Tiersch, T., Liu, Y. and Gutierrez-Wing, T. Collaboration, Innovation, Standardization: Expanding a Global Network of Repositories of Aquatic Genetic Resources
- International Research and Innovation Symposium on Dengue amidst the Pandemic, Colombo, Sri Lanka** **March 2022**
Jayasinghe, N., Fernando, N., Amaratunga, D. and Haigh, R. Managing Compound Events in the COVID-19 Era: A Critical Analysis of Policing and Planning, Execution and Gaps.
- 7th International Conference on Humanities and Social Sciences (ICONArts), Colombo, Sri Lanka** **December 2021**
Jayasinghe N., Fernando, N., Vithanage, C., Fernando, S., Ratnayake, J., Ranawana, C., Amaratunga, D., and Haigh, R. A typology of the role of the private sector in pandemic preparedness and response: Key insights from four key economic sectors in Sri Lanka
- International Symposium of Multi-hazard Early Warning and Disaster Risk Reduction (virtual)** **December 2020**
Jayasinghe, N. and Jayasekara, R. Existing Disaster Risk Reduction Planning and Epidemic and Pandemic preparedness
- Undergraduate Research Symposium of Humanities and Social Sciences, University of Colombo, Sri Lanka** **July 2020**
Jayasinghe, N. Social Contours of the Economy: Entrepreneurial Behaviour of Small and Medium Scale Business Owners in Dehiwala

RESEARCH EXPERIENCE

Graduate Research Assistant

Louisiana State University (LSU), Department of Sociology, Louisiana, USA

May 2025- Present

- Research Project: *Wind Resilience in Coastal Louisiana: A Social Equity Approach to Enhanced Building Code Practices*
 - Develop a multilevel dataset of socio-economic and demographic data in conjunction with wind risk data.
 - Conduct statistical analyses of cross-sectional spatial regression models to assess socioeconomic inequities in wind risk.

Graduate Research Assistant

January 2025- August 2025

Louisiana State University (LSU), Department of Geography and Anthropology, Louisiana, USA

- Research Project: *Planning a Flood Resilient Future for New Orleans, LA*
 - Analyze data gathered from a Qualtrics survey of 414 New Orleans resident adults to address research questions, including associations between self-rated climate change knowledge and the likelihood of taking preparedness actions for future flooding, as well as synergies between subjective and technical flood risk.

Graduate Research Assistant

May 2023 – January 2025

Louisiana State University (LSU) AgCenter, Baton Rouge, Louisiana, USA

- Research Project: *Climate Resilient Innovations for Sustainable Production of Rice (CRISP-Rice)*
 - Developed a Qualtrics survey to assess potential facilitators and barriers to adopting climate smart varieties and practices among rice growers in the Southern US.
 - Organized and participated in meetings with extension agents and Farm Service Agency personnel to gain insights into deriving a representative sample of rice growers and modes of reaching growers.

Graduate Research Assistant

May 2023-August 2023

Aquatic Germplasm and Genetic Resources Center (AGGRC), Louisiana State University and Agricultural and Mechanical College, Baton Rouge, Louisiana, USA

- Independent Research Project: *Can Open Hardware Enhance Capability? Structure and Situational Context in Interpretive Flexibility*
 - Conducted video-recorded interviews with AGGRC team members.
 - Conducted on-site participant observations at the AGGRC.

Research Assistant

April 2020 – June 2022

Social Policy Analysis and Research Center, Faculty of Arts, University of Colombo, Sri Lanka

- Research project: *Integrating Epidemic and Pandemic Preparedness into Disaster Risk Reduction in Sri Lanka.*
 - Carried out a literature review on Disaster Risk Reduction (DRR) policing, planning, governance, and preparedness for biological hazards, including public health emergencies, in Sri Lanka.
 - Prepared interview guides and conducted in-depth interviews virtually with selected key informants from disaster management and health sectors of Sri Lanka.
 - Analyzed qualitative data using thematic and content analysis.
 - Co-authored project outputs, including a position paper, journal articles and book chapters.
- Research project: *Improving COVID-19 and Pandemic Preparedness and Response through the Downstream of Multi-hazard Early Warning Systems.*
 - Carried out a policy analysis on the integration of pandemic preparedness into DRR strategies in Sri Lanka.
 - Contributed to the development of a conceptual framework on the actors and processes involved in pandemic preparedness in Sri Lanka.
 - Developed interview schedules and carried out virtual and field interviews with selected key informants representing the health and disaster management sectors of Sri Lanka.

- Research Project: *Integrating pandemic, tsunami, and other multi-hazard preparedness into early warning and urban planning.*
 - Liaised with the Ceylon Chamber of Commerce to organize round-table discussions with representatives from key economic sectors of Sri Lanka for data collection.
 - Co-authored position papers with evidence-based recommendations to enhance economic preparedness and resilience of Sri Lanka's key economic sectors to pandemics and compound hazard scenarios.
- Research Project: *Life two years after relocation: Status quo of natural hazard induced displacement and resettlements in Sri Lanka.*
 - Analyzed quantitative data using SPSS.
 - Co-authored a report on the long-term effects of a planned relocation project implemented in the district of Kegalle, Sri Lanka.
 - Contributed to the development of a policy brief with recommendations for implementing effective, people centered planned relocation programs as a climate change adaptation and disaster risk reduction strategy.

TEACHING EXPERIENCE

Teaching Assistant

August 2022 – May 2023

Department of Sociology, Louisiana State University, Baton Rouge, Louisiana

Teacher (part-time)

July 2019 – May 2022

Scienco Education Consultants (Pvt) Ltd., Battaramulla, Sri Lanka

PROFESSIONAL EXPERIENCE

Student Ambassador (part-time)

November 2017- July 2018

University of Plymouth, UK

Free-lance Writer

September 2013 – November 2013

Daily Mirror Editorial, Wijeya Newspapers Limited, Colombo, Sri Lanka

SERVICE

2025: Served on the committee for LSU Sociology Department Fred C. Frey Memorial Award

2025: Served as a judge for LSU Discover Day

2023-2024: Served as the Secretary of the Sri Lankan Student Association (SLSA), LSU

2016: Served as a Sri Lankan delegate at the Ecosperity Young Leaders' Dialogue, Singapore.

2014-2016: Served as the Secretary of the Rotaract Club of National School of Business Management [RCNSBM]