

Bio

Mr. K.L. Sathsara is a highly qualified and accomplished lecturer in the Geography department at the University of Sri Jayawardenepura, he completed his first class Honors Degree in Geography from the same university in 2014.

After completing his undergraduate degree, Mr. Sathsara obtained his Master of Philosophy degree from the SUSL in 2017 for his research on "Indigenous Adaptation to Climate Change in Relation to Agriculture Activities." He also obtained a Certificate Course at the University of IFLU in Hyderabad under Indian government sponsorship in 2018.

Since 2015, Mr. Sathsara has been working as a lecturer in the Geography department at the University of Sri Jayawardenepura. His research interests lie in the field of Urban Meteorology, Climate Change, Urban Physics, Application of machine learning techniques for Climate data, Climate Modeling, Regional Climate Modeling and Spatial Information Techniques.

Currently, Mr. Sathsara is pursuing his PhD at the University of Tsukuba, Japan, where he is studying the impact of urbanization on temperature and heat stress in tropical cities using numerical methods. As a physical Geographer, Mr. Sathsara is committed to studying and promoting sustainable development and a better future society through his research in the field of Climatology.

Mr. Sathsara has a strong record of academic achievement and professional experience, and his contributions to the field of Geography have been widely recognized. He has received several accolades for his research work and has published several papers in reputed international journals.

Full paper Publications

Land-Use/ Land-Cover Changing Trends and their Relation to Landslides: A Case Study of Hali-Ela in Badulla District, Sri Lanka, Ecology, Environment and Conservation, 2022.

The Impact of Shipping on Marine Environment -A Study of Sri Lankan Water Ways, International Journal of Scientific and Engineering Research, 2021.

Effect of Peer Learning (Proseminar) to Re-establish a Traditional Classroom in Higher Education in the Post-COVID 19 Scenario, SSRN, 2021.

Immediate Actions to Minimize the Impact of COVID-19 on Education, International Journal of Multidisciplinary Research and Publications, 2021.

The Impact Of Outbound Training (OBT), INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, 2020.

Reducing vulnerability of agriculture to climatic change through indigenous knowledge: an initiative to forecast weather depending on environmental indicators (A study based on Hambegamuwa and Ralapanawagama villages in Sri Lanka, International Journal of Humanities and Social Science Research, 2017

Impact of human – Elephant conflict on livelihood: A case study from a rural setting of Sri Lanka, International Journal of Applied Research, 2017.

International Journal of Multidisciplinary Research and Development Building climate change adaptation strategies of agriculture through forecasting weather patterns with behavior of animals: a study based on the village of Ralapanawagama, Anuradhapura district in Sri Lanka, International Journal of Multidisciplinary Research and Development, 2017.

Conference Presentation.

Sustainable Agriculture Land Use Planning to Mitigate the Problem of Climate Change in Dry Zone Area of Sri Lanka. 16th International Conference on Business Management (ICBM), Monash Business School, Monash University, Melbourne, Australia, 12-14 December, 2019.

An Integrated Assessment on Community Resilience to Natural Disasters in Sri Lanka: Case of Landslides and Subsidence in Mathale District Sri Lanka. Conference on " National Conference on Geospatial Science and Disaster Management" University of Colombo 2018, Sri Lanka.

Integrated Assessment Using GIS and Remote Sensing on Land Use Change and Household Vulnerability to Climate Change Impacts: The Case of Kandy World Heritage City, Sri Lanka. International Conference on Climate Change-2017 (ICCC 2017), 16th-17th, February, 2017 Colombo, Sri Lanka.

An integrated analysis using GIS and Remote Sensing to evaluate degradation of Mangroves and loss of ecosystem services: Case Study on Negombo Lagoon in Sri Lanka, 3rd International Conference on Multidisciplinary Approach-2016, Jointly organized by Faculty of Graduate Studies, University of Sri Jayewardenepura and Ministry of Science, Technology and Research.

A Multi-scale Spatial Assessment of Resilience Capacity to Natural Disasters in Sri Lanka: Case of

Flood Hazards in Mathara District. Conference: Regional Co-operation, Conflicts and Constructiveness in South Asia:Strengthening SAARC, 2017.

Temporal and Spatial Changes of Tropical Coastal Environment: A GIS and Remote Sensing Based Analysis on Negombo Lagoon in Sri Lanka. International Research conference on Humanities and Social Science, (IRCH- 2016), Faculty of Humanities and Social Science, University of Sri Jayewardenepura.

On Poverty an Environmental Degradation: Based on Rammale Kanda Reserve in a Passgoda DSD Area- International Conference on Multidisciplinary Approach- 2015 September, 11-12 Faculty of Graduate Studies, University of Sri Jayewardenepura.

The importance of Rain Water Harvesting ponds as a Solution for the problem of Water Scarcity in the Dry Zone in Sri Lanka - A study Based on Thanamalwila DSD Division, Forestry and environment Symposium-2015, October 10-11 Department of Forestry and Environmental Science University of Sri Jayewardenepura.

Dynamics of Traditional Food system of Unique Hibiliyakadawala Village in Matele, Sri Lanka. Changing Socio- Economic Dynamics in Sri Lanka: Contexts, Culture and Imaginations, International Conference. 2015 December 3-4 Faculty of Art, University of Colombo.

Climate Change Adaptation in Water Management for Agriculture: A study based on Suriya Ara, Wijithapura, Usgala in Monaragala District. International Conference, 2015 December, 10-11 Faculty of Graduate Studies - University of Kalaniya.