INTERNATIONAL SYMPOSIUM ON

Tackling Climate Change as an Underlying Disaster Risk Driver



CHARLES SIKES BUILDING (CSG/17)

DETAILED Programme



Research Training Network on Tackling Climate Change as an Underlying Disaster Risk Driver (CCA-DRR)

ORGANISED BY:



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Session 1 - Business continuity, policy, and governance 27th June 2023, 09.30-10.45

Chair: Prof. Ranjith Dissanayake

University of Peradeniya, Sri Lanka

09.30-09.45	An integrated climate and disaster risk-sensitive business continuity framework for handloom MSMEs in the eastern province of Sri Lanka
	M. Aslam Saja
	South Eastern University of Sri Lanka, Oluvil, Sri Lanka
09.45-10.00	Evaluation of consumer's green behaviour towards sustainable consumption and understanding the influence of pandemic / crisis situations on green behaviour
	Champa Navaratne
	University of Ruhuna, Sri Lanka
10.00-10.15	Need for people centered policy guidelines for sustainable relocation of people displaced due to climate change: Case of Sri Lanka
	Nishara Fernando
	University of Colombo, Sri Lanka
10.15-10.30	Locating Disaster Justice within the Sendai Framework for Disaster Risk Reduction: Towards Inclusive and Equitable Disaster Risk Governance
	Anuradha Senanayake University of Huddersfield, UK
10.30-10.45	Framework for developing climate adaptation options for listed companies operating in the tea industry of Sri Lanka
	Thanya Weerasinghe University of Huddersfield, UK

Session 2 - Climate change adaptation for coastal ecosystems and flood management **27th June 2023, 11.00-12.30**

Chair: Prof. Nishara Fernando

University of Colombo, Sri Lanka

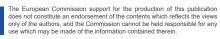
11.00-11.15	Integrating LEED Neighbourhood Development to Sri Lankan Coastal Cities as a strategical approach to Tsunami Risk Reduction
	Lahiru Dissanayake University of Peradeniya, Sri Lanka
11.15-11.30	Investigating Severe Coastal Erosion of the South Eastern Coast of Sri Lanka
	M.H. Haroon South Eastern University of Sri Lanka, Sri Lanka
11.30-11.45	Spatiotemporal Rainfall data analysis using GIS
	V.P.A. Weerasinghe University of Kelaniya, Sri Lanka
11.45-12.00	Flood hazard assessment in major river basins in Sri Lanka under the impact of climate change
	L.H.L. Rajapakse University of Moratuwa, Sri Lanka
12.00-12.15	Community participation in flood early warning - what can it do?
	Georgina Clegg University of Huddersfield, UK
12.15-12.30	Strategies for urban planning in tsunami prone areas in Sri Lanka
	Thisara Perera University of Huddersfield, UK











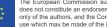


Session 3 (1) - Climate change action for resilience in agricultural and food systems 27th June 2023, 13.30-14.45

Chair: Prof. Achini de Silva

Sabaragamuwa University, Sri Lanka

13.30-13.45	Nudging the Farmers' Migration Intention through Training of Trainers: The Case of Agricultural Advisory Officers in Sri Lanka
	H.D. Karunaratne University of Colombo, Sri Lanka
13.45-14.00	Food system vulnerability to climate change: a Sri Lankan perspective
	Mohamed Esham Sabaragamuwa University of Sri Lanka, Sri Lanka
14.00-14.15	Linking Forest Based Food, Enterprises and Livelihood: A Case of Kithul (Caryota urens) Value Chain, Sri Lanka
	A.M.S.M.R.S.G. Bandara Sabaragamuwa University of Sri Lanka, Sri Lanka
14.15-14.30	Developing a Self-Reliant Green Cabin as a disaster resilience mechanism to extend the post-harvest life of vegetables
	N.M.M.G.S.B. Nawarathne University of Sri Jayewardenepura, Sri Lanka
14.30-14.45	Unveiling the Green Trail: Harnessing RFID Technology for Sustainable Vegetable Traceability
	Rumesh Liyanage University of Sri Jayewardenepura, Sri Lanka



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Session 4 - Climate change adaptation in the built environment 28th June 2023, 09.00-10.30

Chair: Prof. Indrika Rajapaksha

University of Moratuwa, Sri Lanka

09.00-09.15	Vulnerability Assessment of Railway Infrastructure Systems due to Natural Hazards
	Chaminda S. Bandara
	University of Peradeniya, Sri Lanka
09.15-09.30	Climatic cartography and wellbeing in the city: Power and politics of mapping in effective policy discharge towards urban resilience in Colombo, Sri Lanka
	H.W.K. Jayatilake
	University of Moratuwa, Sri Lanka
09.30-09.45	Coherence across global development agendas in making Smart Cities disaster resilient
	Aravindi Samarakkody University of Huddersfield, UK
09.45-10.00	Financial incentives as a strategy to promote disaster-resilient housing
	Shavindree Nissanka University of Huddersfield, UK
10.00-10.15	Exploring the importance of urban sustainability in Nigeria and the consequences of its neglect
	Lilian Smart University of Huddersfield, UK
10.15-10.30	Lessons Learned from Japanese Urban Planning Approaches: An Integrated Approach to Improve Urban Resilience and Climate Actions via the Adoption of Nature-Inspired Solutions (NIS)
	Malith Senevirathne University of Huddersfield, UK

Session 5 - Climate change risk management 28th June 2023, 10.45-12.15

Chair: Prof. Lalith Rajapaksha

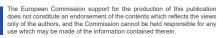
University of Moratuwa, Sri Lanka

10.45-11.00	Potential of machine learning for climate change risk assessment
	G.Y. Jayasinghe
	University of Ruhuna, Sri Lanka
11.00-11.15	Impacts of climate change on landslides in Badulla district, Sri Lanka
	M.M.M. Najim
	University of Kelaniya, Sri Lanka
11.15-11.30	Analysis of Extreme Weather Events in Colombo District as a tool for Disaster Preparedness
	B.G.N. Sewwandi
	University of Kelaniya, Sri Lanka
11.30-11.45	Appraising Heat Stress Vulnerabilities of Elders in Tropics: Ageing-In-Place and Quality of Life
	I.G.P. Rajapaksha
	University of Moratuwa, Sri Lanka
11.45-12.00	Incorporating citizen perspective into pandemic preparedness: the lens of health emergency and disaster risk management (HEDRM)
	Thushara Kamalrathne
	University of Huddersfield, UK
12.00-12.15	"Desa Seduluruan" Sister Villages of Mount Merapi; Local Preparedness for Pandemic
	Asitha De Silva
	University of Huddersfield, UK











Session 3 (2) - Climate change action for resilience in agricultural and food systems 28th June 2023, 13.15-14.15

Chair: Prof. Mohamed Esham

Sabaragamuwa University, Sri Lanka

13.15-13.30	Importance of sustainable utilization practices and emerging technologies towards fooc security
	Chathuri Senanayake University of Sri Jayewardenepura, Sri Lanka
13.30-13.45	Impact of Climate Change on world Food Security
	UL Abdul Majeed
	South Eastern University of Sri Lanka, Sri Lanka
13.45-14.00	Red Chili Hybrid Seed Production by Small Farmers in Sri Lanka - A University Enterprise Collaboration (UEC) for Technology innovation in Climate Change adaptation
	K.D.N. Weerasinghe University of Ruhuna and Horizon Campus, Sri Lanka
14.00-14.15	Nature based solutions for building resilient food systems in Sri Lanka
	D.A.M. De Silva
	Sabaragamuwa University of Sri Lanka, Sri Lanka





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