

Symposium on international research & innovations Dengue amidst pandemic: Improving preparedness and response for multi-hazard scenarios - 2022 - *AGENDA*

16 th March 2022 – Academic Sessions			
11.45 am -12.30 pm	Registration for the academic sessions		
12.30 pm - 1.15 pm	Guest Lecture 1: Prof. Neelika Malavige <i>Head, Department of Immunology and Molecular Medicine, Faculty of Medicine, University of Sri Jayawardenapura, Sri Lanka</i>		
1.15 pm - 2.15 pm	Lunch Break		
2.15 pm - 3.15 pm	Scientific Session - 1 Theme 1 Venue: View Hall Chair: Prof. Rohini Senevirathne <i>General Sir John Kotelawala Defense University, Sri Lanka</i> Co-Chair: Dr. Thilanga Ruwanpathirana <i>Epidemiology Unit, Ministry of Health, Sri Lanka</i>	Scientific Session - 2 Theme 7 Venue: Nelum Hall Chair: Dr. Chandana Siriwardana <i>University of Moratuwa, Sri Lanka</i> Co-Chair: Dr. Enoka Wickramasinghe <i>Urban and Estate Health, Ministry of Health, Sri Lanka</i>	Poster Session (Physical) <i>Theme 1 and Theme 7</i>
	Abstract 41: Development of a monthly dengue case target calculator for dengue control in districts and medical officer of health areas in Sri Lanka Thilina Wijetunga	Abstract 25: Inclusion of health in environmental impact assessment legislation: A review of developed and developing regions Thisara Perera	
	Abstract 68: Seroprevalence of asymptomatic dengue burden in the district of Colombo Azhar Ghouse	Abstract 46: Creating cities sustainable and resilient to disasters and the pandemic: The case of the niger delta region of Nigeria Lilian Nwanyisonde Smart	
	Abstract 70: Monitoring of dengue cases using “KVD dengue mapping”- a mobile app in MOH area Karaveddy during COVID-19 pandemic G. Senthuran	Abstract 64: Guidelines for biodynamic urban design to sustain in a multihazard and pandemic environment in the Sri Lankan context Chandula De Zoysa	
	Abstract 74: Impact of proportion of Aedes aegypti and Aedes albopictus on the Dengue incidence in high burden districts of Sri Lanka M. M. S. M. B. Marasinghe	Abstract 88: Challenges of urban agglomerations in health preparedness during pandemic Asitha De Silva	

4.15 pm - 5.15 pm	<p>Scientific session - 3 Theme 2 Venue: Nelum Hall</p> <p>Chair: Dr. Prasad Ranaweera <i>Anti Malaria Campaign, Sri Lanka</i></p> <p>Co-Chair: Dr. Preshila Samaraweera <i>World Health Organization</i></p> <p>Abstract 33: Preparedness of the health sector for an outbreak of malaria in Sri Lanka <i>Maushi Bulathsinhala</i></p> <p>Abstract 53: Comparison of the characteristics of imported malaria cases before and during the COVID-19 pandemic <i>K A Hiran Karasinghe</i></p> <p>Abstract 60: Effectiveness of larvivorous fish, guppy (<i>Poecilia reticulata</i>) for control of potential malaria vector <i>Anopheles stephensi</i> in three districts of Northern Sri Lanka <i>M.A.S.T. Fernando</i></p> <p>Abstract 69: Dengue predication modelling and development of area-specific thresholds for epidemic management in urban settings of Gampaha district, Sri Lanka <i>Rasika Dalpadado</i></p> <p>Abstract 98: Assessment of the knowledge, attitude and household practices on prevention and control of dengue among urban community in Colombo district <i>P.M. Munasinghe</i></p>	<p>Discussion - Industry partner: Innovations in sustainable vector control strategies Venue: View Hall</p>	
5.15 pm – 5.45 pm	Tea Break		Poster Session (Virtual) <i>Theme 1 and Theme 7</i>

17th March 2022 - DAY 2

8.00 am – 9.00 am	Registration		
9.00 am – 10.00 am	<p>Scientific session- 4 Theme 6 Venue: View Hall</p> <p>Chair: Dr. Supun Wijeshinghe <i>Health Promotion Bureau, Sri Lanka</i></p> <p>Co- Chair: Mr. Malith Senevirathne <i>University of Huddersfield, UK</i></p>	<p>Scientific Session -5 Theme 3 Venue: Nelum Hall</p> <p>Chair: Dr. Deepal Perera <i>Lady Ridgeway Hospital for Children, Sri Lanka</i></p> <p>Co-chair: Dr. Barana Sampath Millawithana <i>Base Hospital, Minuwangoda, Sri Lanka</i></p>	<p>Poster Session (Physical) Themes 2,3,4,5 and 6</p>
	<p>Abstract 23: Risk communication and social mobilization to counter dengue outbreak in Mawittara GN division- Piliyandala MOH area Indika Ellawela</p>	<p>Abstract 26: Dengue and COVID-19 co-epidemic- diagnostic challenges-a review U.W.N.K. Dharmasoma</p>	
	<p>Abstract 57: Mobile and web-based GIS application to monitor Dengue surveillance, outbreak prediction, detection, and response for Dengue Dammika Jayalath</p>	<p>Abstract 38: COVID infection in dengue endemic country; a case of COVID 19 infection misled as dengue haemorrhagic fever. D.W.A.Shantha</p>	
	<p>Abstract 83: Fundamentals of pandemic and epidemic response: a review of stages and key elements of pandemic warning and response system Thushara Kamalrathne</p>	<p>Abstract 50: Development and establishment of B cell ELISpots to study memory b cell responses to dengue and SARS-CoV-2 Shyrrar Tanussiya Ramu</p>	
	<p>Abstract 73: A study into the key actors in local dissemination of tsunami early warning, and their roles and responsibilities Nuwan Dias</p>	<p>Abstract 51: Prostaglandin D2 and E2 in acute dengue and the role of NS1 in inducing their production in monocytes Tehani Silva</p>	
	<p>Abstract 100: Multi-Hazard Early Warning System for Covid -19 Pandemic: Case of Sri Lanka J.M.A.R. Jayarathne</p>		

12.15 pm - 1.15 pm	<p>Scientific Session 6 Theme 5 Venue: View Hall</p> <p>Chair: Dr. R. Bathuwanthudawe <i>Health Promotion Bureau, Sri Lanka</i></p> <p>Co-Chair: Dr. Ashanthi Balapitiya <i>Health Promotion Bureau, Sri Lanka</i></p> <p>Abstract 28: An assessment of the use of developing technologies to improve preparedness and response for multi-hazard scenarios <i>Karen Reddin</i></p> <p>Abstract 39: COVID-19 the global pandemic; knowledge and factors associated with, infection prevention control (IPC) practices among medical doctors and nursing officers of selected teaching hospitals in the district of Colombo <i>K A Hiran Karasinghe</i></p> <p>Abstract 82: Strengths of community-based disaster risk reduction approaches for pandemic preparedness and response: lessons from COVID-19 pandemic <i>Thushara Kamalrathne</i></p> <p>Abstract 85: Emergency response and disaster preparedness for the multi-hazards in Sri Lanka: flood response activities during COVID-19 pandemic <i>K.M.N.U. Akmeemana</i></p>	<p>Scientific Session 7 Theme 4 Venue: Nelum Hall</p> <p>Chair: Prof. Nishara Fernando <i>University of Colombo, Sri Lanka</i></p> <p>Co-Chair: Dr Kinkini Hemachandra <i>University of Huddersfield, UK</i></p> <p>Abstract 71: Identifying and analysing critical infrastructures interdependencies during disaster events: a case study <i>R.M.B.S Rathnayaka</i></p> <p>Abstract 78: Developing a framework to integrate pandemic preparedness into tsunami evacuation planning: What are the key components and functions? <i>Malith Senevirathne</i></p> <p>Abstract 94: How did the concurrent hazards amidst COVID-19 become an eyeopener in responding to multi-hazard events?; An epidemiological analysis on impacts of compound hazards <i>Ravindu Jayasekara</i></p> <p>Abstract 55: Managing compound events in the COVID-19 era: a critical analysis of policing and planning, execution and gaps <i>K.D. Naduni K. Jayasinghe</i></p>	<p>Poster Session (Physical) Themes 2,3,4,5 and 6</p>
1.15 pm - 2.15 pm	Lunch break		<p>Poster Session (Virtual) Themes 2,3,4,5 and 6</p>

3.15 pm-4.15 pm	<p>Scientific Session - 8 Theme 5, Theme 6 and Theme 7 (Combined) Venue: View Hall</p> <p>Chair: Dr. Chandana Siriwardana <i>University of Moratuwa, Sri Lanka</i></p> <p>Co-chair: Thushara Kamalrathne <i>University of Huddersfield, UK</i></p>	<p>Scientific Session 9 Theme 4 Venue: Nelum Hall</p> <p>Chair: Prof. Dilanthi Amaratunga <i>University of Huddersfield, UK</i></p> <p>Co-chair: Naduni Jayasinghe <i>University of Colombo, Sri Lanka</i></p>	
	<p>Theme 5: Abstract 87: Identification of the key thematic areas for health preparedness in disaster risk reduction <i>Asitha De Silva</i></p>	<p>Abstract 16: Depression and psychological distress during convalescence of dengue fever- a case-controlled study <i>Shashika Savindi Kasturiarachchi</i></p>	
	<p>Theme 6: Abstract 72: D-MOSS: Using space technology to prevent dengue fever outbreaks <i>Gina Tsarouchi</i></p>	<p>Abstract 36: Is human mobility a significant driver for Dengue outbreaks? Analysis during Covid19 pandemic. <i>T. D. Bandara</i></p>	
	<p>Theme 7: Abstract 89: Dengue outbreaks inside construction sites; A framework to eliminate mosquito breeding places inside a construction site <i>Ravindu Jayasekara</i></p>	<p>Abstract 45: A legal narrative for the COVID 19 pandemic: a comparative analysis on India and Sri Lanka <i>Anuradha Senanayake</i></p>	
	<p>Abstract 92: University enterprise collaboration during a pandemic outbreak <i>Kinkini Hemachandra</i></p>	<p>Abstract 95: Impact of biological hazards on climate change-related risks in the coastal regions <i>Shavindree Nissanka</i></p>	
	<p>Abstract 99: Digital health for disaster resilience in cities <i>Aravindi Samarakkody</i></p>		