

e-ASIA Joint Research Program (JRP)
Workshop on Climate Change and Health
September 6-7, 2022

KEY TO PARTICIPATION MODALITY

* = live online

° = pre-recorded

Goals of the Workshop

- Convene leading regional scientists to share research interests and recent findings related to climate change and health
- Foster potential collaborations among participating scientists and institutions
- Provide e-ASIA JRP an opportunity to gather information that will inform call for climate change and health collaborative research applications

DRAFT AGENDA

DAY 1

WORKSHOP KICK-OFF (9:00-10:00 HST/15:00-16:00 EDT)		
9:00-9:20 HST 15:00-15:20 EDT	Hawaiian Oli Aloha (Hawaiian greeting chant) Welcome and Opening Remarks General/"Housekeeping" Announcements	<ul style="list-style-type: none"> • Ms. Vicky Holt Takamine, Pa'i Foundation • e-ASIA Secretariat (Ms. Emi Kaneko) • NIH (Mr. Gray Handley) • East-West Center (Ms. Suzanne Vares-Lum, President)
9:20-9:35 HST 15:20-15:35 EDT	e-ASIA Joint Research Program Presentation	Mr. Ken Kawabata , e-ASIA Secretariat
9:35-10:00 HST 15:35-16:00 EDT	Keynote - Overview of climate change and health research issues/opportunities in the region	Dr. Kristie Ebi* , University of Washington, USA

SESSION 1: Climate Change and Infectious Diseases (10:00-11:30 HST/16:00-17:30 EDT)		
<i>Moderators: Dr. Jaime Montoya*</i> , Philippine Council for Health Research and Development (PCHRD)/ Department of Science and Technology (DOST), Philippines and Mr. Gray Handley , National Institute of Allergy and Infectious Diseases (NIAID), USA		
10:00-10:15 HST 16:00-16:15 EDT	Vector-borne diseases	Prof. Upik Kesumawati , IPB University, Indonesia
10:15-10:30 HST 16:15-16:30 EDT	Impact of climate change on dengue and <i>Aedes</i> mosquitos	Dr. Rithea Leang° , National Dengue Control Program for Cambodia Ministry of Health, Cambodia [Tentative]
10:30-10:40 HST 16:30-16:40 EDT	Waterborne diseases	Prof. Erica Donner° , University of South Australia, Australia

10:40-10:55 HST 16:40-16:55 EDT	Climate change, air pollution and respiratory diseases: Indonesia's report	Prof. Budi Haryanto , Universitas Indonesia, Indonesia
10:55-11:05 HST 16:55-17:05 EDT	Application of wastewater-based epidemiology to COVID-19 and other diseases	Prof. Eiji Haramoto^o , University of Yamanashi, Japan
11:05-11:30 HST 17:05-17:30 EDT	Panel Discussion	
11:30-11:45 HST 17:30-17:45 EDT	Break/Network	

SESSION 2: Climate Driven Disasters and Health

(11:45-14:35 HST/17:45-20:35 EDT)

Moderators: Dr. Shoji Nakayama, National Institute for Environmental Studies, Japan
and *Dr. Nguyen Thi Trang Nhung*, Hanoi University of Public Health, Vietnam

11:45-12:05 HST 17:45-18:05 EDT	Health impacts of climate disasters (e.g., floods), including physical and mental health impacts	Prof. Cordia Chu , Griffith University, Australia
12:05-12:25 HST 18:05-18:25 EDT	Health system vulnerability and resilience for natural disasters	Dr. Jun Tomio* , Department of Health Crisis Management, National Institute of Public Health, Japan
12:25-13:30 HST 18:25-19:30 EDT	Lunch/Dinner Break	
13:30-13:50 HST 19:30-19:50 EDT	Disaster research response (collecting data in setting of disasters)	Dr. Bui Quang Hung , Vietnam National University-University of Engineering and Technology, Vietnam
13:50-14:10 HST 19:50-20:10 EDT	Climate, health, and migration in the Pacific Islands	Dr. Laura Brewington* , East-West Center, USA
14:10-14:35 HST 20:10-20:35 EDT	Panel Discussion	
14:35-14:55 HST 20:35-20:55 EDT	Break/Network	

SESSION 3: Extreme Heat and Air Pollution

(14:55-17:00 HST/20:55-23:00 EDT)

Moderators: Prof. Sotiris Vardoulakis, Australian National University, Australia
and *Prof. Budi Haryanto*, Universitas Indonesia, Indonesia

14:55-15:15 HST 20:55-21:15 EDT	Wildfires and agricultural burning impacts on health	Prof. Nguyen Thi Kim Oanh , Asian Institute of Technology, Thailand
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15:15-15:35 HST 21:15-21:35 EDT	Extreme heat, energy demands and health adaptation	Dr. Masahiro Hashizume* , The University of Tokyo, Japan
15:35-15:55 HST 21:35-21:55 EDT	Household air pollution	Dr. Sumeet Saksena , East-West Center, USA
15:55-16:15 HST 21:55-22:15 EDT	Building overheating, the Urban Heat Island Effect, and adaptation measures for extreme heat in the built environment	Prof. Mattheos Santamouris* , University of New South Wales (UNSW), Australia
16:15-16:35 HST 22:15-22:35 EDT	Climate change, occupational health, and labor productivity	Prof. Tord Kjellstrom* , Health and Environment International Trust, New Zealand / Visiting Fellow, Australian National University
16:35-17:00 HST 22:35-23:00 EDT	Panel Discussion	

DAY 2

WORKSHOP RESUMAL		
9:00-9:05 HST 15:00-15:05 EDT	Brief summary from yesterday Recap of Day 1 – Challenges/Problems and Potential Approaches General/“Housekeeping” Announcements	Scientific Planning Committee (SPC)

SESSION 4: Climate Change and Cancer (9:05-10:45 HST/15:05-16:45 EDT) <i>Moderators: Dr. Mark Parascandola*</i> , National Cancer Institute, USA and <i>Dr. Shoji Nakayama</i> , National Institute for Environmental Studies, Japan		
9:05-9:10 HST 15:05-15:10 EDT	Introduction by co-moderators	Dr. Mark Parascandola* , National Cancer Institute, USA Dr. Shoji Nakayama , National Institute for Environmental Studies, Japan
9:10-9:15 HST 15:10-15:15 EDT	Opening remarks	Dr. Satish Gopal* , National Cancer Institute, USA
9:15-9:30 HST 15:15-15:30 EDT	Overview of etiology, impact, and mitigation strategies	Dr. Leticia Nogueira* , American Cancer Society, USA

9:30-9:45 HST 15:30-15:45 EDT	Indoor air pollution from coal use and lung cancer – a model for mechanistic understanding, genetic susceptibility and gene-environment interactions	Dr. Qing Lan^o , National Cancer Institute, USA, USA
9:45-10:00 HST 15:45-16:00 EDT	Disruptions in care: Impacts of climate-related disasters on chronic care management and the need for building resilient health systems	Dr. Saria Hassan* , Emory University, USA
10:00-10:15 HST 16:00-16:15 EDT	The role of implementation science to build climate resilient health systems	Dr. Gila Neta* , National Cancer Institute, USA
10:15-10:30 HST 16:15-16:30 EDT	Research funding to study climate change and cancer – the trans-NIH initiative, research portfolio, and NCI priorities	Dr. Curt Dellavalle* , National Cancer Institute, USA
10:30-10:45 HST 16:30-16:45 EDT	Panel Discussion Q&A	
	Closing remarks	Dr. Mark Parascandola* , National Cancer Institute, USA Dr. Shoji Nakayama , National Institute for Environmental Studies, Japan
10:45-11:00 HST 16:45-17:00 EDT	Break/Network	

SESSION 5: Integrating Session – Resilience, Sustainability, and Collaborative Networks
(11:00-12:30 HST/17:00-18:30 EDT)

Moderators: **Dr. Eric Paringit**, DOST- Philippine Council for Industry, Energy, and Emerging Technology Research and Development (PCIEERD), Philippines and **Dr. William Suk***, National Institute of Environmental Health Sciences (NIEHS), USA

11:00-11:20 HST 17:00-17:20 EDT	Vietnam Climate Change and Health Vulnerability and Adaptation Assessment	Dr. Nguyen Thi Trang Nhung , Hanoi University of Public Health, Vietnam
11:20-11:40 HST 17:20-17:40 EDT	Impacts of climate change-driven stresses to the built environment and areas of research collaboration	Prof. Timothy John Acosta^{o*} , University of the Philippines Diliman, Philippines
11:40-12:00 HST 17:40-18:00 EDT	Existing climate and health networks, examples of good practice and future directions	Prof. Sotiris Vardoulakis , Australian National University, Australia
12:00-12:30 HST 18:00-18:30 EDT	Panel Discussion	
12:30-13:45 HST	Lunch/Dinner Break	

18:30-19:45 EDT	
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SESSION 6: Integrating Session – Interdisciplinary Advantages and Potential Cross-Cutting Interventions (13:45-15:20 HST/19:45-21:15 EDT) <i>Moderators: Dr. Sumeet Saksena, East-West Center, USA</i> <i>and Ms. Prue Torrance, National Health and Medical Research Council (NHMRC), Australia</i>		
13:45-14:05 HST 19:45-20:05 EDT	Climate Change and First Nations' Health and/or Small Island Developing Countries	Francyne Wase-Jacklick* , Ministry of Health and Human Services, Marshall Islands
14:05-14:25 HST 20:05-20:25 EDT	Environmental health interventions	Dr. Jim Zhang , Duke University, USA
14:25-14:45 HST 20:25-20:45 EDT	Climate change Resilience of Indigenous SocioEcological systems (RISE) - Health surveillance, indicators and early warning systems	Dr. Pattamaporn Joompa^o , Mahidol University, Thailand
14:45-15:15 HST 20:45-21:15 EDT	Panel Discussion	
15:15-15:35 HST 21:15-21:35 EDT	Break/Network	

SESSION 7: Sustainable Solutions, Training Opportunities, and Recommendations for Consideration of e-ASIA JRP (15:35-16:45 HST/21:35-22:45 EDT) <i>Moderators: Prof. Sotiris Vardoulakis, Australian National University, Australia</i> <i>and Dr. Shoji Nakayama, National Institute for Environmental Studies, Japan</i>		
15:35-15:55 HST 21:35-21:55 EDT	Post-pandemic sustainable solutions - existing networks/examples of good practice and future directions, including SDGs – decade of action	Mr. Rasheed Hussain^o , World Health Organization (WHO) South-East Regional Office (SEARO)
15:55-16:15 HST 21:55-22:15 EDT	Researcher Management and Leadership Training	Dr. Victoria Keener , East-West Center, USA
16:15-16:45 HST 22:15-22:45 EDT	Final Panel Discussion <ul style="list-style-type: none"> ▪ Important scientific questions that need to be addressed, including research gaps ▪ Challenges or hurdles that need to be addressed to enable research to proceed in the region ▪ Opportunities in the region including potential partners, study population, sites, etc. ▪ Feedback from e-ASIA supported projects/joint teams ▪ Any other issues, points, and recommendations to be considered for the e-ASIA JRP research call 	

	<p>Panelists include:</p> <ul style="list-style-type: none"> - <i>Prof. Upik Kesumawati, Indonesia</i> - <i>Dr. Eric Paringit, Philippines</i> - <i>Prof. Nguyen Thi Kim Oanh, Thailand</i> - <i>Dr. Gila Neta, USA</i> - <i>Dr. Bui Quang Hung, Vietnam</i>
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WORKSHOP CLOSE-OUT		
16:45-17:00 HST 22:45-23:00 EDT	Closing Remarks and Any Announcements	Scientific Planning Committee (SPC) and e-ASIA Secretariat