

Conference Theme: ' <i>Bidirectional interactions between climate and health</i> ' 28-31 May 2025			
Day 1: 28 May 2025			
800	900	Registration - Caravelle Hotel Foyer (3rd Floor)	
900	1030	Caravelle Ballroom  Chair: Zahir Islam Presentations by BOD members to ECR/Students	One slide capture of research focus 1min minimum, 3 min maximum
1030-1100 Tea Break - Opera Room #1			
1100	1230	Caravelle Ballroom + Virtual Access  Chair: Le Thai Ha VAPD (IP) UNICEF Vietnam Administration of Disease Prevention (Ministry of Health) Session UNICEF strategy and engagement in Children's Environment Health Dr Do Manh Cuong, Vietnam Administration of Disease Prevention (VADP, MOH) - Report on Viet Nam’s children’s environmental health assessment Ms. Do Phuong Hien, Vietnam Administration of Disease Prevention (VADP, MOH) - The Risk of Lead Poisoning in Vietnamese Children Assoc. Prof. Dr Nguyen Thi Trang Nhung University of Public Health TRICH - What is the impact of air pollution on children in Vietnam	
1230	1330	Lunch - Caravelle Hotel (1st Floor)	
1330	1430	Caravelle Ballroom + Virtual Access  Opening ceremony Stephania Cormier, Chair, PBC Board of Directors (LSU), US (IP)	
1430	1600	Caravelle Ballroom + Virtual Access Plenary 1: Bidirectional interactions between climate change and health: Overview and scene setting	
		Chair: Paul Robinson, UQ (IP) Co-chair: Assoc. Prof. Nguyen Phuong Thao, International University, VNU-HCM	
		Speakers	
		Bill Suk, UNC (V)	Climate impacts on health
		Tô Than Tâm, Vietnam (IP)	Knowledge Practice of medical waste classifications and related factors of health staff at Ho Chi Minh City District 4 Hospital
		Prof. MD. Pham Le An, University of Medicine and Pharmacy at Ho Chi Minh City	Climate change impact to health in LMIC and primary care solution
1600	1610	Sponsor Session - Opera room #1	Minh Khang introduction

1600	1730	<p><b>Caravelle Ballroom + Virtual Access</b></p> <p><b>Todd Maiden Legacy Session</b> Chair: Peter Sly, UQ <i>(IP)</i></p> <p><b>IP:</b> Paromita Chakraborty (SRM Institute of Science and Technology), India: Risk Assessment of Endocrine disrupting chemicals and Microplastics from mismanaged plastics in the Open Dumps along the Riverine Environment of India: A post-COVID-19 Pandemic Perspective</p> <p><b>IP:</b> Nguyen Thanh Gia (Hue University of Medicine and Pharmacy), Vietnam: Determining the factors impacting the quality of life among the general population in coastal communities in Central Vietnam</p> <p><b>IP:</b> Niaria Esba Panjaitan (Hasanuddin University, Indonesia), Stunting and Socio-economic determinants: literature review</p> <p><b>IP:</b> Abd. Majid HR Lagu (Hasanuddin University, Indonesia), Trends in the development of waste disposal, behaviour in pre-school children through teacher imitation intervention as modelling</p> <p><b>IP-</b>Rahel Mesfin Ketema (Hokkaido University, Japan) Presented by Atsuko Ikeda: Study protocol for the investigation of exposure to plasticizers among e-waste recycling workers and their health in Bui village, Vietnam (presented by Atsuko Ikeda)</p>
1730	1800	<p><b>Off-site</b></p> <p><b>Welcome party - Indochina Queen Cruise</b></p>

Day 2: 29 May 2025			
745	800	<b>Registration - Caravelle Hotel Foyer (3rd Floor)</b>	
800	930	<b>Caravelle Ballroom + Virtual Access</b> <b>Plenary 2: Low carbon health care</b>	
		Chair: Dr. Luu Phuc Loi, Institute for Applied Research in Health Sciences and Aging-Thong Nhat Hospital, Ho Chi Minh City Co-chair: Dr. Dang Trinh Minh Anh, International University, VNU-HCM	
		<b>Speakers</b>	
		Renae McBrien, (QCH), (IP)	<i>Code Green - Financial and Environmental sustainability - the mutual benefits of reusing and recycling, to generate revenue and protect our planet</i>
		Dr. Luu Phuc Loi, Institute for Applied Research in Health Sciences and Aging-Thong Nhat Hospital, Ho Chi Minh City	<i>Vietnam Soil Microbiome: Linking Agricultural Practices to Antimicrobial Resistance</i>
930	1100	Dr. Huynh Vinh Khang, Nong Lam University - Ho Chi Minh City	<i>Biochar reduces the dissipation and plant uptake of the neonicotinoid insecticide thiamethoxam in argicultural soil</i>
		Sponsor Session - Opera room #1	
		<i>ITS introduction</i>	
		<b>Caravelle Ballroom + Virtual Access</b> <b>Symposium 1: Omics and Computational Biology in Environment and Health</b>	<b>Caravelle Opera Room #2</b> <b>Symposium 2: Heat Health</b>
		Chair: Melanie Ott, The University of California San Francisco (IP) Co-Chair: Assoc. Prof. Nguyen Bao Quoc, Nong Lam University, Viet Nam	Chair: Jason Lee (National University of Singapore) (IP) Co-chair: Assoc. Prof. Huynh Chan Khon, International University, VNU-HCM
930	1100	<b>Speakers</b>	
		Melanie Ott, the University of California San Francisco (IP) <i>Advancing virology tools to accelerate anti-coronaviral drug discovery</i>	Jason Lee (National University of Singapore) (IP) <i>Warming tropics – implications for human health and potential</i>
		Nguyen Bao Quoc, Nong Lam University, Viet Nam. <i>Molecular approaches for rapid detection of emerging microbial diseases in the environment</i>	Patrick Amoatey, UQ (IP) <i>Spatiotemporal changes in human vulnerability to heatwave in Australia: A Nationwide longitudinal study</i>
		Zahir Islam (North South University) (IP) <i>Climate Change and Vector-Borne Diseases: A Scoping Review of Aedes Mosquito Breeding Patterns, Biting Habits, and Global Research Gaps in Southeast Asia</i>	Dwan Vilcins, UQ (IP) <i>Heat and children's health - a focus on pregnancy and neonates</i>
1100	1130	<b>Tea Break - Caravelle Opera Room #1</b>	
1130	1300	<b>Caravelle Ballroom + Virtual Access</b> <b>Plenary 3: Climate impacts on health in Asia Pacific</b>	
		Chair: Stephania Cormier, LSU (IP) Co-chair: Dr. Le Minh Thong, International University, VNU-HCM	
		<b>Speakers</b>	
		Ricardo Soares Magalhaes, (UQ), V	<i>Protocols for prioritisation of climate-sensitive zoonoses</i>
		Peter Sly (UQ) (IP)	<i>Climate impacts on child health</i>
		Le Thai Ha (VADP) (IP)	<i>Climate Change and Health in Viet Nam: Impacts, progress and future priorities</i>
1300	1330	<b>Lunch and ECR &amp; Student networking opportunity - Caravelle Hotel (1st Floor)</b>	
1330	1500	<b>Caravelle Ballroom</b> <b>Symposium 3: Heavy metals</b>	<b>Caravelle Opera Room #2</b> <b>Symposium 4: Air Pollution</b>
		Chair: Antonio Pascale (Univ Montevideo) (IP) Co-chair: Dr. Nguyen Minh Nam, University of Health Sciences, VNU-HCM	Chair: Atsuko Ikeda (Hokkaido University Faculty of Health Sciences) (IP) Co-chair: Paul Robinson (UQ), (IP)
		<b>Speakers</b>	
		Antonio Pascale (IP) <i>Heavy metals exposure in e-waste informal recycling</i>	Stephania Cormier, Louisiana State University (IP) <i>Oxidant components of air pollution</i>

		<div>Murugesan Velayutham (<i>IP</i>) <i>Removal of arsenic and mercury in aquatic environment using nanocomposites</i></div> <div>Prof. Moo-Been Chang, National Central University, Taiwan Mass Flows and Characteristics of Mercury Emitted from Ultra-Supercritical Coal-fired Power Plant</div>	<div>Dr Ayaho Yamamoto (UQ) (<i>IP</i>) <i>Role of individual susceptibility to oxidative stress on disease outcome</i></div> <div>Pratima Singh (University of Delhi) <i>Indoor air quality in schools and children's health</i></div>
1500	1520	Sponsor Session - Opera room #1	<i>USCI introduction</i>
1500	1530	Tea Break - Caravelle Opera Room #1	
1530	1700	<div><b>Caravelle Opera Room #1</b></div> <div><b>Student Poster Session</b> <i>Chair: Luan Vu</i></div> <div>- Ajay Taneja (Dr B R Ambedkar University), India: What do we know about indoor air quality in school classrooms, particles, policy and health - Rahman Md Moshir (Hiroshima University), Japan: Effect of mHealth Nutritional Education to Changes Knowledge, Attitude, and Practice Regarding Iron Deficiency Anemia Among School-going Adolescent Girls in Bangladesh <b>V:</b> Moorthy Bhagavatula (Baylor College of Medicine), United States: Prenatal exposure to polycyclic aromatic hydrocarbons (pah) exacerbates oxygen-mediated neonatal lung injury and causes dysbiosis of lung and gut microbiome: the role of cytochrome p450 (cyp)1a2 - Vibol Sao (Royal University of Phnom Penh, Cambodia: Assessment of surface water quality associated with upstream artisanal mining activities in prek te area, Cambodia <b>V:</b> Shikha Pundir (Dr. Bhimrao Ambedkar University), India: ): Chemical Composition and Associated Respiratory Deposition of Atmospheric Fine Particles near National Highway in Northern India - Farzana Zaman (Directorate General of Health Services), Bangladesh: Adaptive Pandemic Preparedness and Response in LMIC Health Systems: Integrated Surveillance Potential of a Rapid TB and COVID-19 Diagnostic in Bangladesh - Asaduzzaman Muhammad (University of Oslo), Norway: Spatiotemporal distribution and diversity of airborne resistant bacteria: an exploratory planetary health study in the urban and rural environments of Bangladesh <b>IP:</b> Zainal Ana Utami (Hasanuddin Unversity), Indonesia: Prenatal exposure to heavy metals and its association with adverse pregnancy outcomes: a bibliometric and visual analysis of global research trends (2000-2025) <b>IP:</b> Syarif Isyamiarni (Hasanuddin University), Indonesia: Trends in schizophrenia caregiver stress research: exploring the role of environmental factors through bibliometric analysis - Pitsanu Khamnuan (Hokkaido University), Japan: Workplace factors and indoor air quality association with sick building syndrome prevalence among photocopier operators in Thailand <b>V:</b> Thitikorn Boontongmai (Ecological Alert and Recovery), Thailand: Examining polybrominated diphenyl ethers (PBDEs) and dechlotan plus (DP) Contamination in Community-Based Electronic Waste Recycling: Environmental and Human Health Implications in Northeastern Thailand <b>IP:</b> Syamsuar Manynyulei (Hasanuddin University), Indonesia: Mapping rat density and leptospira sp. Presence in pitue village, Indonesia <b>IP:</b> Baktianita Ratna Etnis (Gadjah Mada University), Indonesia: The family planning balance counselling strategy interventions in improving participation of acceptors contraception: scoping review <b>IP:</b> Nasrah Raiya Tapa (Hasanuddin University), Indonesia: Keys to successful tb treatment: exploring family support and medication adherence in Makassar - Indonesia <b>IP:</b> Andi Wahyuni (Hasanuddin University), Indonesia: Dynamic modeling of work fatigue in construction workers : a literature review <b>IP:</b> Wahiduddin Kamaruddin (Hasanuddin University), Indonesia: Analysis of cultural factors on the incidence of type II diabetes mellitus in the ammatoa kajang traditional area of Bulukumba regency <b>IP:</b> Tanjela Bushra (Bangabandhu Sheikh Mujib Medical University), Bangladesh: Exploring food safety awareness: physicians' knowledge, attitude, and practice in Bangladesh <b>IP:</b> Thi Nhu Tam Nguyen (Vietnam National University), Vietnam: Making healthy foods from plant by-products: bamboo leaf tea-a case study <b>V:</b> Al Richa Nasir (Tadulako University), Indonesia: Combination of subsurface flow constructed wetlands and adsorbents for cadmium (CD) removal from contaminated leachate at the Sigi landfill Central Sulawesi <b>V:</b> Sukri Palutturi (Hasanuddin University), Indonesia: Sustainable and Inclusive Healthy Settings: A Review of Environmental, Social, and Economic Approaches for Long-Term Public Health <b>V:</b> Ariel Robinson (University of Kentucky), USA: Assessing physicochemical properties of per- and polyfluoroalkyl substances (PFAS) for vapor intrusion risks <b>IP:</b> Duc Phuc Ngo (University of Health Sciences), Vietnam: A 3-gene signature for early diagnosis, prognosis and response prediction in non-small cell lung cancer <b>IP:</b> Chi Thanh Tranh (University of Medicine and Pharmacy at Ho Chi Minh City), Vietnam: Climate change. Looking for future foods? White-dried bamboo shoots <b>IP:</b> Mai Tran (Nong Lam University), Vietnam: Cytotoxic evaluation of Streptocaulon juvenas extracts against cancer cell lines <b>IP:</b> Van Tien Phan (International University), Vietnam: Sexual health and sexually transmitted diseases knowledge: insights from a large-scale university student survey in Ho Chi Minh City, Vietnam <b>IP:</b> Md Zahidul Islam, : Development of a smartphone app to enhance communication and information on nutrition for mothers in Tanzania <b>IP:</b> Md Jiaur Rahman : School-based assessment the Prevalence and contributing factors of under nutrition among the adolescent girls in Bangladesh</div>	
1800	2000	Reception - Caravelle Hotel	

Day 3: 30 May 2025			
745	800	Registration - Caravelle Hotel Foyer (3rd Floor)	
800	930	<b>Caravelle Ballroom + Virtual Access</b> <b>Plenary 4: Micro and nano plastics</b>	
		Chair: Prof Naohiro Kato, PhD (LSU) <i>(IP)</i> Co-chair: Budi Haryanto, (University of Indonesia) <i>(IP)</i>	
		Speakers	
		To Thi Hien Uni Science <i>(IP)</i>	Sources and exposure pathways
		Bill Suk, UNC <i>(IP)</i>	Environmental impacts
		Khadija Al Nabhani, UNSW <i>(V)</i>	Transport Pathways
0930	0950	Sponsor Session - Opera room #1	BCE introduction
930	1100	<b>Caravelle Ballroom</b> <b>Symposium 5: Global threats to children's health round table</b>	<b>Caravelle Opera Room #2</b> <b>Symposium 6: Healthy homes and environments/sustainable cities</b>
		Chair: Peter Sly (UQ), <i>(IP)</i> Co-chair: Prof. MD. Pham Le An, University of Medicine and Pharmacy at Ho Chi Minh City	Chair: Kelly Pennell, University of Kentucky <i>(IP)</i> Co-Chair: Assoc. Prof. Nguyen Bao Quoc, Nong Lam University, Viet Nam
		Speakers	
		0930:0940 Introduction, Bill Suk <i>(V)</i>	Kelly Pennell, Uni Kentucky <i>(IP)</i> : Sewers, hazardous waste and indoor air quality: unlikely connections
		0940-0955: Peter Sly UQ, <i>Air Pollution (IP)</i> 0955-1010: Yi Zeng, Hokkaido University <i>(V)</i> Combined exposure to Phthalates, Bisphenols and Phosphate flame retardants and their associations with urinary oxidative stress biomarkers among school children: the Hokkaido Study 1010-1030: Hasnawati Amqam, Hasanuddin University <i>(IP)</i> , Non- linear association between prenatal heavy metal exposure and fetal growth: Insights from an Indonesian cohort using generalized additive models	Hong Le, UQ <i>(IP)</i> , Can children be protected from air pollution at home? A lesson from the COVID-19 situation Nazim Uzzaman, The University of Edinburgh <i>(V)</i> , Rehabilitation for chronic respiratory diseases in low-resource settings special attention to environmental challenges Assoc. Prof. Nguyen Thi Thu Hoai, International University , TBA
		1030-1100 Round table discussion	
1100	1110	Sponsor Session - Opera room #1	Vlab introduction
1100	1130	Tea Break - Opera Room #1	
1130	1300	<b>Caravelle Ballroom + Virtual Access</b> <b>Plenary 5: Plastics, plasticizers, and plastic products</b>	
		Chair: Prof. Moo-Been Chang, National Central University, Taiwan Co-chair: Dr. Chia-Yu Huang _National Central University, Taiwan	
		Speakers	
		Shahana Sultana, Bangabandhu Sheikh Mujib Medical University <i>(V)</i>	Perceptions and awareness of the harmful health impacts of plastic use during food preservation
		Thomas Boissiere-O'Neill, UQ <i>(IP)</i>	Impact of Plasticisers on Asthma and Allergic Diseases: Combining Information for Evidence Generation
		Atsuko Ikeda (Hokkaido University Faculty of Health Sciences) <i>(IP)</i>	Emerging environmental chemical exposures and their health effects among children
1300	1330	Lunch - Caravelle Hotel (1st Floor)	
1330	1500	<b>Caravelle Ballroom</b> <b>Phu Sa Workshop</b>	<b>Caravelle Opera Room #2</b> <b>Symposium 7: Health care equity and environmental justice</b>

		Chair: Nam Ngo Co-chair: Dr. Yen Pham, Key Laboratory of Protein and Enzyme Technology, Vietnam National University, University of Sciences, Hanoi	Chair: Prof Diana Lewis, Univ Guelph, Canada (V) Co-chair: Dr. Huy Nguyen_Vin University, Viet Nam
		<b>Speakers</b>	
		Dr. Yen Pham, Key Laboratory of Protein and Enzyme Technology, Vietnam National University, University of Sciences, Hanoi SPOTCHECK-PCR platform - Introductory session: Applications in Diagnostics	Diana Lewis (UG), Canada (V), TBA
		Dr. Nguyen Minh Nam, University of Health Sciences, VNU-HCM Healthcare in the AI Era : Redefining Diagnosis and Treatment Strategies of Precision Oncology	Heather Castleden, University of Victoria (V) <i>Indigenous-led resurgence for planetary health in a changing climate</i>
		Instructor: Mr. Khoi Luu, Phu Sa Genomics Facilitator: Dr. Yen Pham, Key Laboratory of Protein and Enzyme Technology, Vietnam National University, University of Sciences, Hanoi SPOTCHECK-PCR platform - Demonstration session: Results and Discussion	Dr. Huy Nguyen_Vin University, Viet Nam <i>Climate change and human health in Vietnam: A systematic review</i>
<b>Unopposed Student Oral Presentations (from abstracts) - Caravelle <i>Ballroom</i></b>			
1500	1630	Chair: Stephania Cormier (LSU) (IP) Co-chair: Dr. Do Thi Thu Hien_International University, VNU-HCM	<div> <i>IP: Nguyen Thi Ngoc Huyen (Huyền), Nong Lam University, Ho Chi Minh City, Viet Nam, Biodegradation of thiamethoxam with sodium alginate/biochar immobilized bacillus sp</i>  <i>IP: Tra Nguyen-Thanh (Trà), Thong Nhat Hospital, Ho Chi Minh City, Vietnam, Rapid in vitro evolution of flucytosine resistance in Candida auris</i>  <i>IP: Nhung (Nhường), Vietnam National University, Ho Chi Minh City, Viet Nam, Predictive machine learning for screening antidiabetic plant-based compounds</i>  <i>IP: Nguyen Ngoc Dien (Diện), University of Health Sciences, Vietnam National University, Ho Chi Minh City, Viet Nam, Leonurus japonicus as a potential medicinal plant for skin care and uvr protection under the challenges of climate change and global warming</i> </div>
1630	1700	<b>Tea Break - <i>Opera Room #1</i></b>	
1700	1900	<b><i>Board of Directors AGM - Caravelle Opera Room #1</i></b>	



Day 4: 31 May 2025			
745	800	<b>Registration - Caravelle Hotel Foyer (3rd Floor)</b>	
800	930	<b>Caravelle Ballroom + Virtual Access</b> <b>Plenary 6: Engineering solutions to the plastic epidemic</b>	
		Chair: Prof Naohiro Kato, PhD (LSU) <i>(IP)</i> Co-chair: Dr. Nguyen Thanh Dien_Tan Tao University, Viet Nam	
		<b>Speakers</b>	
		Prof Naohiro Kato, PhD (LSU) <i>(IP)</i>	<i>Microalgae as a dual platform for bioplastics and anti-inflammatory drug production</i>
		Federica Bertocchini <i>(IP)</i>	<i>Insects and bioremediation: wax worm enzymes and plastic upcycling</i>
		Dr. Chia-Yu Huang _National Central University, Taiwan	<i>The adverse effects of microplastics on brain and neurobehavior in animal model</i>
930	1100	<b>Caravelle Ballroom</b> <b>Symposium 8: Greenspace: environmental and health impacts</b>	<b>Caravelle Opera Room #2</b> <b>Symposium 9: Impact of Environment on Neurohealth</b>
		Chair: Dwan Vilcins, (UQ) <i>(IP)</i> Co-chair: Dr. Shu-Dan Yeh _National Central University, Taiwan	Chair: Desiree Silva (The KIDS Research Institute of Australia) <i>(IP)</i> Co-chair: Dr Hong Le, UQ <i>(IP)</i>
		<b>Speakers</b>	
		Dwan Vilcins (UQ) <i>(IP)</i> <i>Green space and health: opportunities and challenges</i>	Desiree Silva (The KIDS Research Institute of Australia) <i>(IP)</i> <i>The Origins Project: creating a platform to increase research capacity to better understand environmental influences on child health</i>
		Dr. Nguyễn Thanh Điền_Tân Tạo University, Viet Nam <i>Exploring the Linkage between Rice Straw Open Burning and Health Effects in the Mekong Delta of Vietnam</i>	Dr. Nguyen Phuoc Vinh _University of Health Sciences, VNU-HCM <i>Challenge and opportunity for Vietnamese traditional medicine in the era of digital transformation and climate change</i>
		Assoc. Prof. Shu-Dan Yeh _National Central University, <i>Taiwan Genomic Insights for Developing Drought-Tolerant Tea Cultivars in the Face of Climate Change</i>	Assoc. Prof. Vong Binh Long, International University, VNU-HCM <i>Development of Self-Assembled Poly(Amino Acid)-Based Nano-drugs for Therepeutic Applications</i>
<b>1100</b>	<b>1130</b>	<b>Tea Break - Opera Room #1</b>	
1130	1300	<b>Caravelle Ballroom + Virtual Access</b> <b>Plenary 7: Hazardous waste remediation</b>	
		Chair: Assoc. Prof. Huynh Kim Lam, International University, VNU-HCM Co-chair: Dr. Nguyen Phuoc Vinh _University of Health Sciences, VNU-HCM	
		<b>Speakers</b>	
		S Rajamani, (AIUE Commission) <i>(IP)</i>	<i>A unique remediation process &amp; reuse of mercury contaminated site</i>
		Rengaraj Selvaraj, (Sultan Qaboos University) <i>(IP)</i>	<i>Design and fabrication of 2D nanostructured materials for the rapid degradation of hazardous waste</i>
		Assoc. Prof. Ho Quoc Bang, Viet Nam National University-Ho Chi Minh City	<i>Poor Air Quality and Its Association with Mortality in Ho Chi Minh City: Case Study</i>
1300	1400	<b>Caravelle Ballroom + Virtual Access</b> <b>Closing Ceremony Lunch and Awards: Prof Cormier</b>	

1500	1800	FIELD TRIP Walking Tour of Ho Chi Minh City	
------	------	--	--