## WORLD CONGRESS OF ENVIRONMENTAL HEALH 2024

## PRELIMINARY PROGRAMME

	WORKSHOPS / TECHNICAL TOURS Tuesday 21st May 2024						
Time	Title	Presenters					
8.30 – 12.30	Effective Investigating and Evidence Gathering	Peter Gillett, MacLeod's Barristers and Solicitors					
9.00 – 17.00	Wastewater Management Workshop	Natasha Ramswell, Richard Theobald, Julie Phelps, Vanessa Stumpers, Jared Chong, Nilu Gunarathne, Nathan					
		Cocks, Jared Koutsoukos, Dept of Health; Mark Johnson, Dept of Planning, Land and Heritage; Krish Seewraj,					
		Dept of Water and Environmental Regulation; Owen Woodland, Galt Geotechnics; Gary DeBore and Stuart Ostle,					
		ATU Wastewater Systems; Matt Sargeson, Shire of Serpentine Jarrahdale					
9.00 -17.00	Applying Crisis and Emergency Risk Communication (CERC): An All-Hazards Approach to Environmental Public Health	Anna Khan & Lauren Finklea. US Centres for Disease Control, (CDC)					
9.00 – 17.00	Emergency Management / Disaster Risk Reduction	Phil Swain, Australia, Henning Hansen, Denmark, Jesse Bliss USA					
13.00 – 17.00	Sampling 101: How to take samples (food, water, environmental) and interpret results	Ryan Janes, Local Health Authority Analytical Committee (LHAAC)					
08.30 – 13.00	Technical Tour: Water Sensitive Urban Design (Includes bus travel)	Shelley Shepherd, Urbaqua					
08.30 – 13.00	Technical Tour: Optus Stadium 'Bespoke Behind the Scenes' and Aboriginal Cultural Tour	Optus Stadium					

	WEDNESDAY 22 MAY 2024	THURSDAY 23 MAY 2024	FRIDAY 24 MAY 2024		
8.00	CHECK-IN	CHECK-IN	CHECK-IN	8.00	
8.45	OPENING CEREMONY Welcome and Introduction CHAIRPERSON: Geraldine Mellet, Australian Council on Smoking and Health (ACOSH)	8.45 Welcome to Day 2 CHAIRPERSON: Andrew Waters, EHA President, WA Branch	Welcome to Day 3 CHAIRPERSON: Phil Swain, EHA National President	8.45	
9.00	Welcome to Country TBA	9.00 KEYNOTE: TBC	KEYNOTE: World Health Organisation (WHO) public health and emergency preparedness workforce roadmap  Leanne Coombe, Public Health Association of Australia	8.55	
9.20 9.25 9.30	IFEH Current President - Henroy Scarlett Welcome remarks and handover to incoming President     IFEH Incoming President Cvetkovic Bruno Cvetkovic – Welcome     EHA National President, Phillip Swain, Western Australia	9.25 KEYNOTE: Environmental and climate change impacts on human health – Time for action  Professor Sotiris Vardoulakis, University of Canberra and Dr Mara West Telethon Kids Institute	KEYNOTE: Correcting UN data on global child mortality for the effects of environmental deterioration Professor Peter Le Souef, University of Western Australia	9.15	
9.35	Opening of Congress – Simon Millman MLA, Parliamentary Secretary for Health representing Minister for Health		KEYNOTE: TBC	9.35	
9.50	International Federation of Environmental Health (IFEH) Award presentations  • Roy Emerson Award  • Eric Foskett Award	9.50 KEYNOTE: A new era of environmental health practice for climate resilient health systems  Dr Aditya Vyas, WHO Collaborating Centre for Climate Change and Health Impact Assessment	EHA (WA) Award Presentation Simon Millman MLA (Parliamentary Secretary to Minister for Health)  • Student awards  • Professional awards	9.55	
10.00	KEYNOTE: Dr Andy Robertson, Chief Health Office, WA Dept of Health	10.10 Keynote Speaker Sponsor address Ryan Janes, Local Health Authorities Analytical Committee	10.25 Lunch Sponsor address  Bronwyn Waugh, Cornerstone Legal	10.25	
10.30	MORNING TEA	10.15 MORNING TEA (Extended for poster viewing)	MORNING TEA	10.30	

	Wi	EDNESDAY 2	22 MAY 202	24	THURSDAY 23 MAY 2024				FRIDAY 24 MAY 2024				
11.00	INDIGENOUS ENVIRONMENTAL HEALTH	WASTE /WASTEWATER MANAGEMENT	FOOD TOPICS	EMERGENCY MANAGEMENT	LOCAL GOVERNMENT	COMMUNICABLE DISEASE	EMERGING EH ISSUES	CLIMATE CHANGE	VAPING / TOBACCO MANAGEMENT	ENVIRONMENTAL HEALTH PRACTICE	PUBLIC HEALTH	FOOD SAFETY	11.00
11.00	Co-designing an Aboriginal EH model of care to close the gap Vicki O'Donnell, Aboriginal Health Council of Western Australia & Ray Christophers, Nirrumbuk Environmental Health and Services	Improving wastewater practices David Johnson, Yarra Ranges Council, Victoria	Food inequality, potential solutions & challenges for environmental health Associate Professor Christina Pollard, Curtin University. WA	2022/2023 SA River Murray Floods: An EHO case study Caroline Thomas & Rebecca Burton, Mid Murray Council, South Australia	Managing environmental health risks - Total Solar Eclipse 2023 Carla Webster, Shire of Esperance & Jane Cook, WA Dept of Health	Environmental health approach to address healthy skin. Amanda Hutchings, Queensland Health	Tasmanian councils supporting climate healthy and resilient communities. Katrina Graham, Northern Tasmanian Alliance for Resilient Communities	Adapting the WA health sector for the changing climate Tracy Smith, WA Dept of Health	Clearing the Air - The WA Health Tobacco Control Compliance response to vaping. Katy Trevaskis, WA Dept of Health	Did the covid era wake up the community to the value of EHO and emergency management planning?  Elizabeth Re, EH consultant	World Trade Organisation (WTO) sanitary and phytosanitary measures directing environmental health policy Doug Farquhar, National Environmental Health Association, USA	Kai – Māori food safety & traditional cooking techniques Tanya Morrison – New Zealand Institute of Environmental Health	11.00
11.20	Environmental health service delivery in remote NT Settings Nancy Bird & Kassandra Vuat Northern Territory Dept of Health	Deemed to satisfy or performance solution – This is the question James Wood, Environmental Health Services (Tas)	Unmonitored and unsuitable: An audit of food donations to an Australian food bank Sharonna Mossenson, Curtin University	Martuwarra River Flood 2023 - Response and Recovery Mark Chadwick, Shire of Derby, West Kimberly, WA	Celebrating culture through art - Samoan tattoo studio Lynn Laird, Logan City Council, Queensland	Not just a plant pathogen - Pantoea infections with office plant origins and clinical practice Lisa Mundy, Gold Coast Public Health Unit, Queensland Health	Transforming environmental health practice for a new era Brett Esbensen & Cherie Parkyn, Logan City Council, Queensland	Australia-wide assessment of climate impacts on markers of child health Dr Melinda Judge, Telethon Kids Institute, WA Dept of Health	Vape retail sales and accessibility in urban Sydney – opening and closing Pandora's box Jody Houston, Sydney Local Health District, NSW Health	Officer safety post pandemic and in hostile environments Christopher Vakas, Health & Environmental Solutions Network Consultant	Assessing and mitigating health risks of using home composted dog faeces in backyard edible gardens Emily Bryson, Central Queensland University	Prevalence and challenges of risk of aflatoxin contamination of household maize in Kenya Dr James Malusha, Catholic University of Eastern Africa	11.20
11.40	Supporting practitioners working in Aboriginal and Torres Strait Islander environmental health Michelle Barrett, Australian Indigenous Health InfoNet	Mitigating health risks associated with water & wastewater: Lessons from the 2023 Kimberley floods Nathan Cocks, WA Dept of Health	Do Asian pre- packaged food labels comply? Yes / No Eugene Paewai, City of Perth	Trans-Frontier community socio-cultural environments, learning, epidemic preparedness and control Dr. Dennis Chirawurah, University for Developmental Studies, Ghana	Case Study - Seasonal Workers Accommodation - "Not Fit For Purpose" Glenys Nicholls, Latrobe Council, Victoria	New insights into Legionella risk management for the prevention of Legionnaire's disease Associate Professor Harriet Whiley, Flinders University, South Australia	Driving Better outcomes at a local level Emma Guilfoyle, Lake Macquarie City Council, NSW	Projections of heat-related mortality in Perth Dr Sid Sharma, Dept of Health WA	Successful prosecution in the vape space. Malcolm Crabtree, Metro South Public Health Unit, QLD Health	Occupational health and safety hazards affecting Environmental Health Officers Garry Dine, Edith Cowan University, WA	Persons with disabilities and with limitations; A vulnerability assessment study Huberto Zanoria, MHAM, Philippines	Australian food safety journey: From Indigenous food to cultured meat Enita Ostojić, Western Australia Dept of Health	11.40
12.00	Strongyloidiasis needs an EH solution not a clinical one Prof Kirstin Ross, Flinders University, South Australia	Assessment of disposal practices of unused and expired household medicines in Tlokweng, Botswana. Tshephang Tumoyagae, University of Botswana (10)	Examining food safety inspections Jason Barnes, La Trobe University	Assessing psychosocial impacts and resilience-building strategies Dr John Edwards, Edith Cowan University	The costs of dealing with hoarding Carla Ogle, Logan City Council, Queensland (10)	Greater Sydney Legionella look-back: Demographic, clinical, and environmental analysis William Burns, Sydney Local Health District Public Health Unit, NSW (10)	Revealing microplastics in environmental samples: Advancements in analysis Dr. Julia Jaeger, Eurofins Environment	Large-scale climate indices, climate and environmental extremes and impact on public health Younes Tebbaai, University of Health Sciences, Casablanca (10)	Smoking behaviour audits – methodology, lessons learnt and the national and global context Assunta di Francesco, WA Dept Health (10)	Prevalence of occupational injuries among workers in manufacturing industries in Botswana Dr Patience Erick, University of Botswana (10)	More than just a day job – Environmental health in the Australian Defence Force Chloe Lowndes, Australian Defence Force	Allergens: Prevention and prosecution Bronwyn Waugh, Cornerstone Legal, WA	12.00
		National Return of Unwanted Medicines (NatRUM): the safe disposal of unwanted medicines in Australia Melissa Burn, EHA (Tasmania) Inc (10)			Innovative service delivery through environmental health shared service Daniel Osborne & Peter Wright, City of Casey, Victoria (10)	Melioidosis: A tropical disease outside the tropics – Investigations in Southeast Queensland. Sofie Sandberg and Sandra Peroni, Metro South Public Health Unit, Queensland Health (10)	Testing	How climate change degrades child health: a systematic review and meta-analysis Dr Lewis Weeda, University of Western Australia (10)	ТВС	What are the skills needed in the future to strengthen the role of environmental health in the context of OneHealth' Roy Emerson Award winner	Torce		
12.20	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	12.20
12.30		LUNCH B	REAK			LUNCH	BREAK			LUNCH I	BREAK		12.30

	w	/EDNESDAY	22 MAY 20	24	1	THURSDAY 23 MAY 2024			FRIDAY 24 MAY 2024				
1.30	INDIGENOUS / REMOTE EH	WATER, SANITATION & HYGIENE	FOOD TOPICS	AIR / WATER QUALITY	LOCAL GOVERNMENT	COMMUNICABLE DISEASE	ENVIRONMENTAL HAZARDS	WORKFORCE / TRAINING	SMOKING MANAGEMENT	ENVIRONMENTAL HEALTH PRACTICE	VECTOR MANAGEMENT	FOOD ALLERGY	1.30
1.30	Home is where the health is - West Australia's healthy homes program Dr Mel Stoneham, Curtin University, WA	Water, sanitation and hygiene risk factors associated with diarrhea prevalence in young children Professor Lutendo Sylvia Mudau, Tshwane University of Technology, South Africa	Salmonella enteritidis infections in WA- detection of a cluster linked to a food venue Dr. Stacey Hong, OzFoodNet, WA Dept of Health	Respiratory health risks and impacts amongst informal food vendors in Johannesburg, South Africa Mercy Sepadi, Tshwane University of Technology, South Africa ZOOM	Safe food, clean environment: Managing environmental health risks at the Sydney Royal Easter Show Glenn Haskins, City of Parramatta, New South Wales	Vaccine Management 101 – Experiences from Western Australia's response to the pandemic John Coles, WA Dept of Health	How to communicate effectively about asbestos risks to the public Julia Collins, Asbestos Safety and Eradication Agency	Research project - Building environmental health profession adaptive capacity to climate change Dr Lisa Bricknell, Central Queensland University	Tobacco and vaping control, challenges and opportunities Laura Hunter, Australian Council on Smoking and Health, WA	Public and environmental health (PEH) professional profile in Slovenia in the last 25 years Andrej Ovca, University of Ljubljana, Slovenia	Enhanced surveillance for Japanese encephalitis virus in Western Australia Dr Abbey Potter, WA Dept of Health	All about Allergens: developing best practice food allergen management training and resources Ingrid Roche, National Allergy Council	1.30
1.50	Navigating the outback: stories and challenges of Environmental health in the Kimberley Rachael Donovan, Shire of Broome, WA	Scalability and Insights from testing a WASH innovation for health care facilities in Malawi. Erasmo Mbemba, David Gordon Memorial Hospital	Control of a large, prolonged community-wide salmonellosis outbreak in Western Australia Henry Tan & Dr Stacey Hong, Ozfoodnet & WA Dept of Health	Unveiling water Pollution: Investigative insights from gateway to the Southern Great Barrier Reef Syed Fahim, Bundaberg Regional Council ZOOM	Calculating the cost of a good night out Jon Button, WA Dept of Water and Environmental Regulation	A look back on Hepatitis A in Queensland from 2015 to 2023: What has changed? Dr. Ana Anuradha, Queensland Health	Asbestos in the air - from triple 0 to EHO Kevin Turner & Jessica Speechly, Blacktown City Council, New South Wales	Campus to Career: How we have changed the way we support our students Professor Anne Roiko, Griffith University	Vapes, the Fog is Lifting Jayde Porter & Chloe Hyland Gold Coast Public Health Unit, Queensland	Elevating the profile of environmental public health: The Canadian perspective Natalie Lowdon, Canadian Institute of Public Health Inspectors	Feral Pigs: Unconventional ways EHOs manage mosquito risks in the metro area Evie Molson, City of Kalamunda, WA	Allergen intervention & food sampling: A four-step coordinated approach Dane Gade, & Emma Minchinton, Kernow, Victoria	1.50
2.10	Rheumatic heart disease (RHD) and EH in remote Aboriginal communities: A holistic approach with prevention Rahaney Poelina, Nirrumbuk Environmental Health and Services	Access to basic sanitation and associated factors among households in Bahir Dar City, (Ethiopia) 2023 Alene Mekonen, John's Rig WASH project	An analysis of B. cereus, non STEC E. coli and S. aureus in ready-to-eat foods Nicole Foxcroft, City of Stirling, Edith Cowan University (10)  Utility of the WA Food Atlas for local government public health planning and policy development Frith Klug, Edith Cowan University (10)	Indoor air quality, monitoring and assessment Dr Fatima Mohammed, Federal University of Health Science, Dr Isa Adamu & Dr Yakuba Baba, EH Council of Nigeria  Effect of air pollution on public health under a changing climate in the megacities of India Dr. Shadananan Nair Krishnapillai, Centre for Earth Research (10)	Paradise to Public Health Priority! Dave Bellman and Chloe Hyland, City of Gold Coast Queensland	Modes of transmission and attack rates of group A streptococcal infection Dr. Dylan Barth, Telethon Kids Institute, WA	Demolition of the former Wittenoom townsite Samuel Jackson, Thuroona Services, WA	Implementation and evaluation of the Graduate Environmental Health Officer Traineeship at SLHD Dr. Isabel Hess, Sydney Local Health District, NSW	City of Vincent Smoke-Free town centres Chrystal Ashby & Caroline Dewey, City of Vincent, WA	Environmental Health in Alfred Nzo District Constance Tembisa Manciya, Alfred Nzo District Municipality, South Africa	Mosquito control methods and developments on the Sunshine coast Daran Marteene, Sunshine Coast Regional Council, Queensland	Managing allergy and anaphylaxis in Australia's first state-wide Tasmanian school lunch project. Nicodemus Masila, University of Tasmania (10) 2.20 PANEL Making it all about allergens: working together for best practice food allergen management	2.10
2.30	Environmental health initiatives in remote community homes to reduce RHD / What are the most effective environmental health initiatives to prevent Acute Rheumatic Fever? Professor Asha Bowen & Associate	An assessment of faecal contamination on latrine front-end surfaces in rural Fiji Sabita Adhikari, University of Sydney (10)  Enhancing the quality of compost from ecological toilets through sequential	Mapping the Australian food environment for public health planning: A cross- sectional audit of Perth Dr Claire Pulker, Edith Cowan University WA (10) Mapping the dietary risk of chain food outlets for public health	Indoor mould health risk assessment and management of indoor mould post-flooding Dr Alex Shivarev, WA Dept of Health (10)  Assessment of air pollution coverage in Nepali newspapers: Factors and	Environmental Health field response during public health outbreaks: three cases studies in Sydney Haylee Sneesby, Sydney Local Health District, NSW (10)  Citizen science in environmental health Melinda Lennon,	An entomological survey of the simian malaria vectors and their plasmodium parasites in Thailand. Stephen Musarapasi, Zimbabwe Environmental Health Practitioners Association	Lead is a pain in the brass  Claire Hayward, Flinders University, South Australia	Are mistakes our greatest teachers (exploring the benefits of someone else's hindsight).  David McNicoll, Bundaberg Regional Council, Queensland	The effects of third hand exposure to methamphetamine (THEM) syndrome  Emma Kuhn, Flinders University, South Australia	21st Century enablers and challenges to environmental health practice in Australia and worldwide Dr Varinder Sapehiyia, City of Greater Bendigo	Utilisation of insecticide-treated mosquito nets among mothers of children 0-59 months in Sunyani Samuel Yaw Agyemang-Badu, Ministry of Health, Ghana May not attend	Dr Sandra Vale & Ingrid Roche, National Allergy Council, Maria Said, Allergy & Anaphylaxis Australia, Karen Purcell from NSW Food Authority	2.30
2.50	Professor Glenn Pearson, Telethon Kids Institute, WA	composting Seyram SOSSOU Global Wash Cluster, Burkina Faso  QUESTIONS	planning in Australia Dr Lucy Butcher, East Metropolitan Health Service (10)  QUESTIONS	mitigation approaches Satya Singh(10)	Queensland Health (10)  QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	QUESTIONS	2.50

	WEDNESDAY 22 MAY 2024	THURSDAY 23 MAY 2024	FRIDAY 24 MAY 2024	
3.00	AFTERNOON TEA	AFTERNOON TEA	AFTERNOON TEA	3.00
3.30	KEYNOTE: The Isthmus – Dr. David Dyjak – National EH Association, USA	3.30 Keynote Speaker Sponsor address Steve Tedmanson, Taylex (5 mins)	KEYNOTE: TBA	3.30
4.00	WORKFORCE PANEL – Environmental Health Champions CHAIR Prof Kirstin Ross, Flinders University, South Australia Representatives from Australia, US, England, Northern Ireland, Wales, Canada, Portugal and Estonia  **Panel session to develop Congress Statement or Resolution	<ul> <li>3.35 EMERGENCY MANAGEMENT PANEL</li> <li>CHAIR: David Dyjack, NEHA</li> <li>Integrating environmental health within the UN Disaster Risk         Reduction (Sendai) Framework Phil Swain, Environmental Health         Australia National President</li> <li>Disaster risk reduction, Henning Hansen, EnvNa, Denmark</li> </ul>	KEYNOTE: TBA  CLOSING CEREMONY Farewell presentations including handover to new host country	4.00
5.00	CLOSING  SPONSORS SUNDOWNER  5.00 – 7.00	4.45 close 6.30pm CONFERENCE DINNER OPTUS STADIUM	CLOSING 4.30  FAREWELL DRINKS  5.00 – 6.00	

	POSTERS – Thursday 23 <sup>rd</sup> May 2024									
	Author	Organisation	Poster Title							
1	Dr Najihah Zainol <b>Abidin</b>	Management and Science University, Malaysia	Malaysian E-cigarette vapors: A health risk assessment among its users							
2	Batool Aljubran	Flinders University, South Australia	Investigation of tattoo pigment degradation by laser light							
3	Samuel Yaw <b>Agyemang-Badu</b>	Ministry of Health, Ghana	Profiling of Anopheles mosquitoes (Diptera: Culicidae) Breeding Sites, Sunyani Municipality, Ghana							
4	Benjamin <b>Boyle</b>	Flinders University, South Australia	Toxic products formed when tattoos age: An investigation							
5	Louella <b>Daries</b>	Cape Peninsula University of Technology, South Africa	EHP workplace supervisor observations of competencies acquired by undergraduate students							
6	Sonali <b>Deshmukh</b>	Seeley International, Flinders University, South Australia	A review of current evidence supports CO2 as an indicator for indoor air quality.							
7	Dr. Wissam <b>Ghach</b>	Canadian University of Dubai	Community awareness of safe disinfectant use in the Middle East amid COVID-19							
8	Dr. Wissam <b>Ghach</b>	Canadian University of Dubai	Effectiveness of pesticide label information, color codes, pictograms among farmers: a scoping review							
9	Jorge <b>Honles</b>	French National Research Institute for Sustainable Development	Modelling pesticide pollution risk in Peru and the relationship with human health							
10	Dr Jitcy <b>Joseph</b>	National Institute for Occupational Health, South Africa	Health outcomes of exposure to chalk particles in classrooms: a systematic literature review							
11	Masaki <b>Kakeyama</b>	Waseda University, Japan	Social brain as a target of environmental pollutants							
12	Daniel Osborne & Peter Wright	City of Casey, Victoria	Unregistered food premises project							
13	Andrej <b>Ovca</b>	University of Ljubljana, Slovenia	Consumer food safety knowledge and hygiene conditions of household kitchens							
14	Xiang <b>Xiao</b>	Hong Kong Baptist University	Urban heat island effects associated with risk of preterm birth in a Chinese birth cohort study							