

# WORLD CONGRESS OF ENVIRONMENTAL HEALTH 2024

## PRELIMINARY PROGRAMME

### WORKSHOPS / TECHNICAL TOURS Tuesday 21<sup>st</sup> 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	<b>OPENING CEREMONY</b> <b>Welcome and Introduction</b> <b>CHAIRPERSON:</b> Geraldine Mellet, Australian Council on Smoking and Health (ACOSH)	<b>8.45 Welcome to Day 2</b> <b>CHAIRPERSON:</b> Andrew Waters, EHA President, WA Branch	<b>Welcome to Day 3</b> <b>CHAIRPERSON:</b> Phil Swain, EHA National President	8.45
9.00	<b>Welcome to Country</b> TBA	<b>9.00 KEYNOTE:</b> TBC	<b>KEYNOTE: World Health Organisation (WHO) public health and emergency preparedness workforce roadmap</b> Leanne Coombe, Public Health Association of Australia	8.55
9.20	• IFEH Current President - Henroy Scarlett Welcome remarks and handover to incoming President	<b>9.25 KEYNOTE: Environmental and climate change impacts on human health – Time for action</b> Professor Sotiris Vardoulakis, University of Canberra and Dr Mara West Telethon Kids Institute	<b>KEYNOTE:</b> <b>Correcting UN data on global child mortality for the effects of environmental deterioration</b> Professor Peter Le Souef, University of Western Australia	9.15
9.25	• IFEH Incoming President Cvetkovic Bruno Cvetkovic – Welcome		<b>KEYNOTE:</b> TBC	9.35
9.30	• EHA National President, Phillip Swain, Western Australia			
9.35	<b>Opening of Congress</b> – Simon Millman MLA, Parliamentary Secretary for Health representing Minister for Health			
9.50	<b>International Federation of Environmental Health (IFEH) Award presentations</b> <ul style="list-style-type: none"> <li>Roy Emerson Award</li> <li>Eric Foskett Award</li> </ul>	<b>9.50 KEYNOTE: A new era of environmental health practice for climate resilient health systems</b> Dr Aditya Vyas, WHO Collaborating Centre for Climate Change and Health Impact Assessment	<b>EHA (WA) Award Presentation</b> Simon Millman MLA (Parliamentary Secretary to Minister for Health) <ul style="list-style-type: none"> <li>Student awards</li> <li>Professional awards</li> </ul>	9.55
10.00	<b>KEYNOTE: Dr Andy Robertson, Chief Health Office, WA Dept of Health</b>	<b>10.10 Keynote Speaker Sponsor address</b> Ryan Janes, Local Health Authorities Analytical Committee	<b>10.25 Lunch Sponsor address</b> Bronwyn Waugh, Cornerstone Legal	10.25
10.30	MORNING TEA	10.15 MORNING TEA (Extended for poster viewing)	MORNING TEA	10.30

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



	WEDNESDAY 22 MAY 2024	THURSDAY 23 MAY 2024	FRIDAY 24 MAY 2024	
3.00	AFTERNOON TEA	AFTERNOON TEA	AFTERNOON TEA	3.00
3.30	<b>KEYNOTE:</b> The Isthmus – Dr. David Dyjak – National EH Association, USA	3.30 Keynote Speaker Sponsor address Steve Tedmanson, Taylex (5 mins)	<b>KEYNOTE:</b> TBA	3.30
4.00	<b>WORKFORCE PANEL – Environmental Health Champions</b> <b>CHAIR</b> 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	3.35 <b>EMERGENCY MANAGEMENT PANEL</b> <b>CHAIR:</b> David Dyjack, NEHA <ul style="list-style-type: none"> <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>	<b>KEYNOTE:</b> TBA  <b>CLOSING CEREMONY</b> Farewell presentations including handover to new host country	4.00  4.15
5.00	CLOSING	4.45 close	CLOSING 4.30	
	SPONSORS SUNDOWNER 5.00 – 7.00	6.30pm CONFERENCE DINNER OPTUS STADIUM	FAREWELL DRINKS 5.00 – 6.00	

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