



HEAL 2025 Conference Program

Weaving Diverse Knowledges into Climate Action for Better Health



HEAL

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HEAL 2025 Conference Organizing Committee

Conference Chairs

Professor Sotiris Vardoulakis

Director of the HEAL National Research Network, University of Canberra

Associate Professor Veronica Matthews

University Centre for Rural Health, University of Sydney

Organizing Committee

Dr Dharani Sabba (Conference Coordinator)

University of Canberra

Dr Ang Li

University of Melbourne

Dr Aster Gebrebedhin

University of Western Australia

Associate Professor Caitlyn Wyrwoll

University of Western Australia

Associate Professor Carmel Williams

South Australian Health & Medical Research
Institute

Ms Caroline Deen

University of Sydney

Dr Charlotte Waudby

Curtin University

Professor Cordia Chu

Griffith University

Professor Craig Williams

University of South Australia / Adelaide University

Dr Eloise Skinner

University of Queensland

Professor Erica Donner

University of South Australia

Associate Professor Geoff Morgan

University of Sydney

Dr Gopika Indu

Ms Lindsay Morgan

University of Canberra

Dr Luise Kazda

University of Canberra

Dr Mara West

The Kids Research Institute

Ms Nathasha Munasinghe

University of Canberra

Associate Professor Nicholas Osbourne

University of Queensland

Dr Nigel Goodman

University of Canberra

Dr Paire Somboonsin

University of Canberra

Dr Paul Barnes

Griffith University

Ms Prarthana Borah

Momentum India

Associate Professor Ro McFarlane

University of Canberra

Ms Sharna Motlap

Charles Darwin University

Dr Sharon Campbell

University of Tasmania

Dr Shilpi Tewari

University of Canberra

Associate Professor Ivan Hannigan
Curtin University

Dr Jingyi Shao
University of Canberra

Dr Kinley Wangdi
University of Canberra

Mr Lawrence Guodaar
Menzies School of Health Research

Associate Professor Linda Ford
Charles Darwin University

RMIT

Associate Supriya Mathew
Menzies School of Health Research

Professor Thava Palanisami
University of Newcastle

Dr Timothy Chaston
University of Canberra

Dr Zubair Ratan
Menzies School of Health Research

Administrative Support

Ms Jess Lording
University of Canberra

Ms Mei Davey
University of Canberra

Ms Mriganka Iyer
University of Canberra

HEAL 2025 Conference – Overview

PRE-CONFERENCE SESSION ON GLOBAL SOUTH'S ACTION ON CLIMATE CHANGE IMPACTS ON HEALTH

3 November 2025, 1:00-4:30pm (AEDT), Online

Welcome & Opening

Diverse Perspectives on Environmental Change and Health in the Asia-Pacific

Tackling the Health Impacts of Haze Pollution in Southeast Asia

Decarbonisation Pathways for Healthy, Just Transitions in the Global South

End of Day

REGIONAL HUB SESSIONS

Vic: 28 October 2025, 10:00am-4:30pm AEDT, hybrid.

WA: 30 October 2025, 12:00pm-2:00pm AEDT, online

ACT: 4 Nov 2025, 9:30am-2pm AEDT, in-person

Tas: 4 November 2025, 5:30pm-7:30pm AEDT, In-person Networking session.

SA: 4 November 2025, 10:30am-2:00pm AEDT, in-person

NT: 4 December 2025, 2:30pm-4:00pm AEDT, online

QLD: 4 November 2025, 1:00pm-4:40pm AEDT, online

NSW: 10 Nov 2025, 10am-3:00pm AEDT, hybrid

NATIONAL SESSIONS

5 November 2025, 12:00-5:45pm (AEDT), Online

Acknowledgment of Country

Rights, Resistance, and Revitalisation: Indigenous-led Climate Litigation for Justice

Climate Change and Health Security through One Health

Algal Blooms and Public Health: A Call for Coordinated Action

Break + e-poster viewing

Thematic Breakout Sessions A

Community resilience to climate extremes and mental health

End of Day

NATIONAL SESSIONS

6 November 2025, 12:00-5:00pm (AEDT), Online

Acknowledgment of Country

Climate Risk and Adaptation Planning from National to Local

Translating Science into Policy for a Plastic-Free Future

Break + e-poster viewing

Thematic Breakout Sessions B

Awards and Announcements

Closing remarks

End of day

<p>5 Nov 2025 3:15-4:45pm (AEDT)</p> <p>Thematic Breakout Sessions A</p>	<p><u>Aboriginal and Torres Strait Islander health and knowledge translation for building resilience to environmental change</u></p>	<p><u>Health system resilience to climate change and sustainability</u></p>	<p><u>Food, soil and water safety and security in a changing environment</u></p>	<p><u>Science communication, citizen science, and risk perception</u></p>	<p><u>Urban health, built environment and nature-based solutions</u></p>
<p>6 Nov 2025 2:45-4:15pm (AEDT)</p> <p>Thematic Breakout Sessions B</p>	<p><u>Rural and remote health and climate-related disasters</u></p>	<p><u>At-risk populations, early life effects and life-course solutions</u></p>	<p><u>Data and decision support systems for environmental health applications</u></p>	<p><u>Bushfires, air pollution, and their impact on physical, mental, and community health</u></p>	<p><u>Biosecurity, and emerging infections in the context of environmental change</u></p>

Global South, Pre-Conference Session

Monday, 3 November 2025

1:00pm AEDT	<p style="text-align: center;">Opening & Welcome</p>
1:00pm	<p style="text-align: center;">Professor Sotiris Vardoulakis, Director, HEAL National Research Network, University of Canberra</p> <p style="text-align: center;">Acknowledgement of Country, Welcome & Overview of the Session</p>
1:10pm-1:50pm AEDT	<p style="text-align: center;">Diverse Perspectives on Environmental Change and Health in the Asia-Pacific Prof Sotiris Vardoulakis, University of Canberra</p>
1:10pm	<p style="text-align: center;">Mr Veerawit Tianchainan, Executive Director, Greenpeace Southeast Asia</p> <p style="text-align: center;">Connecting Environment, Climate, and Health in Southeast Asia</p> <p style="text-align: center;">Associate Professor John S. Ji, WHO Asia-Pacific Centre for the Environment and Health</p> <p style="text-align: center;">How to Assess Interconnected Environmental Risk Factors: Air Pollution, Green Space, and Temperature on Health in the Western Pacific</p> <p style="text-align: center;">Ms Francyne Wase-Jacklick, Secretary of Ministry of Health and Human Services, Republic of Marshall Islands</p> <p style="text-align: center;">From Nuclear Legacy to Climate Resilience: Weaving the Marshall Islands' Journey for Health and Justice</p>
1:50pm-2:35pm AEDT	<p style="text-align: center;">Tackling the Health Impacts of Haze Pollution in Southeast Asia Professor Bin Jalaludin, University of New South Wales, Australia</p>
1:505pm	<p style="text-align: center;">Professor Kraichat Tantrakarnapa, Mahidol University, Thailand</p> <p style="text-align: center;">Assistant Professor Keonakhone Khounvilay, National University of Laos, Lao PDR</p> <p style="text-align: center;">Distinguished Professor Nguyen Thi Kim Oanh, Asian Institute of Technology, Thailand</p> <p style="text-align: center;">Professor Budi Haryanto, University of Indonesia</p> <p style="text-align: center;">Panel 1: Scientific evidence and policy on wildfire smoke-related health impacts</p>
2:35pm	<p style="text-align: center;">Dr Tippawan Prapamontol, Chiang Mai University, Thailand</p> <p style="text-align: center;">Dr Vannak Ann, Institute of Technology of Cambodia</p> <p style="text-align: center;">Ms Ivanie Destila, Kopernik, Indonesia</p> <p style="text-align: center;">Ms Dinda Shabrina, NAFAS Foundation, Indonesia</p> <p style="text-align: center;">Mr Achim Haug, AirGradient, Thailand</p> <p style="text-align: center;">Panel 2: Adaptation, community resilience, and local capacity building</p>

3:20pm-4:20pm AEDT	Decarbonisation Pathways for Healthy, Just Transitions in the Global South Ms Prarthana Borah, Momentum India
3:20pm	Professor Shiva Nagendra SM, Indian Institute of Technology Madras, India Dr Gopika Indu, HEAL Global Research Centre, University of Canberra Dr Sandeep Pai, The Breakthrough Institute and Center for Strategic and International Studies (CSIS), USA Dr Garima Dadhich, Indian Institute of Corporate Affairs, India Ms Shweta Narayan, Global Climate and Health Alliance, USA
4:20pm	Closing Remarks
4:30pm AEDT	End of Day

Regional Hub Sessions

Australian Capital Territory Community of Practice

DATE	Tuesday, 4 November 2025
TIME	9.30 am – 2.00 pm AEDT (Tea and coffee from 9am)
LOCATION	DKB Hall (8 Hawdon Pl, Dickson (next to Cafe Stepping Stone)
DELIVERY	In-Person
CONVENER	Associate Professor Ro McFarlane, University of Canberra
SESSION DESCRIPTION	Under this year's HEAL National Research Conference theme, 'Weaving Diverse Knowledges into Climate Action for Better Health', we will consider the priorities and challenges for the ACT in meeting National climate targets and contributing to the next ACT Climate Strategy. Through weaving the voices from Indigenous, community, and scientific knowledges, we will consider potential gaps and vulnerabilities that need to be considered in a just, healthy and climate resilient future.

9:30am AEDT	Acknowledgement of Country
9.30am	Uncle Warren Daley
9:40 am AEDT	Opening Addresses
9:40am	Professor Rachel Gibson, Executive Dean, Faculty of Health, University of Canberra Welcome Address
9:50am	Professor Sotiris Vardoulakis, Director, HEAL Global Research Centre, University of Canberra Overview of HEAL ACT Community of Practice and progress in 2025
10:00am AEDT	Morning Tea & Photo
10:15am AEDT	Weaving Diverse Knowledges into Climate Action for Better Health in ACT Associate Professor Ro McFarlane, University of Canberra
10:20 am	Ms Carolyn Goonrey, Senior Director, Climate Change Policy, ACT Government Overview of the new ACT Climate Strategy
10:35am	Dr Arnagretta Hunter, Chair, ACT Climate Council Using 'health' as a lens for climate change policy and practice in the ACT
10:50am	Ms Natali Koerbel, ACTCOSS A National Climate Risk Assessment Snapshot for the ACT Community Sector
11:05am	Dr Stewart Sutherland, Chair, Indigenous Health Framework, Australian National University Indigenous knowledge systems and land use: A tale or a lesson to be heard
11:20am	Dr Gweneth Leigh, Health Research Institute, University of Canberra Landscape Architect, Research Fellow and Lead: The Schoolyard Greenprint project Recess Reimagined: How Green Schoolyards Can Help Teens Thrive

11:35am	Dr Danswell Starrs, Director of Water Information Services, ACT Government ACT Water Security Vulnerability Assessment
11:50 am	Panel Discussion & Q&A
12:20pm AEDT	Roundtable Discussions University of Canberra facilitation
12:20 pm	<i>Breakout discussion groups</i> Gaps in climate, equity and health that participants want raised at ACT Climate Strategy consultations Priority topics for ACT Community of Practice policy and practice briefs
12:55pm AEDT	Closing Remarks Dr Dharani Sabba, Senior Centre Co-ordinator, HEAL Global Research Centre, University of Canberra
1:00pm AEDT	Lunch
2:00 pm AEDT	Session End

Optional Friday 7th November Excursion 11.30-2pm: Cultural Burning at Ginninderry

Led by Indigenous Ranger Tyson Powell (please see separate event booking site for details)

New South Wales Community of Practice

DATE Monday, 10 November 2025

TIME 10am - 3pm AEDT

DELIVERY Hybrid

CONVENER(S) Professor Thava Palanisami, University of Newcastle.
Associate Professor Veronica Matthews, University of Sydney.
Professor Geoff Morgan, University of Sydney

SESSION DESCRIPTION This interactive session brings together voices from across various sectors—industry, health agencies, diverse community organisations, filmmakers and researchers (including emerging leaders) — to explore our pervasive plastic pollution problem. Together, we’ll unpack the challenges including assessing health impacts, share innovative solutions, and discuss how we can strengthen advocacy to reduce plastics pollution and human exposure to less plastic, healthier people and environments.

10:00am AEDT	Welcome
10:00am	<p>Cup of tea networking Professor Thava Palanisami, University of Newcastle</p> <p>Welcome to Country Welcome & Overview of Session</p>
11:00am AEDT	Invited Talks – the Plastic Problem (approx. 10min presentations, 5 min Q&A)
11:00am	<p>April Howard (Dja Dja Wurrung), Director and Producer, Rollingball Productions, Newcastle</p> <p>Impacts of plastics on First Nations</p>
11:15am	<p>Dr Logesh Panneerselvam, Research Fellow, University of Newcastle</p> <p>PFAS and nanoplastics in eyewash – implications for Aboriginal health community</p>
11:30am	<p>Evan Sutter, documentary/filmmaker</p> <p>The Making of “Mine”</p>
12:00pm AEDT	Lunch & watch feature documentary “Mine”
1:00pm AEDT	Invited talks – sustainable solutions (approx. 10min presentations, 5 min Q&A)
1:00pm	<p>Mr Victor Hunter (Nyikina), Director, Foundation Indigenous Sustainable Health</p> <p>Foundation for Indigenous Sustainable Health (FISH)</p>
1:15pm	<p>Mr Shayam Sunder, Director and Health of Product Development, Maithri Aquatech</p> <p>Addressing Water Quality Challenges for Remote Communities through- Atmospheric Water Generation Technology</p>

1:30pm	Dr Stanley Chen - Hunter New England Local Health District (via zoom) A Surgeon's Perspective on Reducing Plastics in Hospitals
2:00pm AEDT	Open floor yarns, discussion and Q& A with audience Associate Professor Veronica Matthews, University of Sydney Professor Geoff Morgan, University of Sydney
2:30pm	Professor Thava Palanisami Wrap Up, Closing Remarks Tour of the Australian Plastic Research and Innovation Lab
3:00pm AEDT	End of Session

Northern Territory Community of Practice

DATE Thursday, 4 December 2025

TIME 2:30pm-4:00pm AEDT

LOCATION Online

DELIVERY Online
Link: MS Teams Meeting ID: 456 059 573 994 9
Passcode: 3Em3Au6k

CONVENER Sharna Motlap, Charles Darwin University

SESSION DESCRIPTION We are pleased to invite you to join the HEAL NT Communities of Practice event, which will be held as part of the HEAL 2025 Conference, themed "Weaving Diverse Knowledges into Climate Action for Better Health"

We are providing a collaborative platform to engage with key topics and innovations in Indigenous Knowledges, health, climate, and environmental challenges faced both in Northern Territory and the broader Australia.

Queensland Community of Practice

DATE Tuesday, 4 November 2025
TIME 1:00 – 4:40pm AEDT
LOCATION Online
DELIVERY Online Link: [Join the meeting now](#)

CONVENERS Professor Cordia Chu & Dr Paul Barnes
 Centre for Environment & Population Health, School of Medicine & Dentistry, Griffith University

SESSION DESCRIPTION The afternoon session is split into two parts. Part 1 examines a series of ideas about human spaces from various perspectives ranging from considering cities and health as complex adaptive systems, to anticipating the requirements for climate ready healthcare facilities, to Australian updates on the globally active healthy cities network and lastly, local government resilience planning across Queensland. Part 2 presents two ‘one health’ themed sessions. The first details the intent of the ‘Pengcheng Declaration on One Health’ resulting from a ‘HEAL’ supported international symposium on actioning one Health policy & practice regionally and globally. The second session presents ideas about scale and data integration needed to effectively apply a One Health lens to managing local and regional health outcomes.

1:00pm AEDT	Opening Session
	Dr Paul Barnes, HEAL & Centre for Environment & Population Health, Griffith University Acknowledgement of Country Welcome & Overview of Session
1:05pm AEDT	Session 1: Future Proofing Human Spaces Dr Paul Barnes
1:05pm	Professor John Fein, RMIT University Systems Thinking and Urban Resilience - Health Nexus
1:25pm	Dr Connie Gan, Griffith University Climate Ready Healthcare: From Facilities to Frontlines
1:45pm	Kelly Andrews (video), Healthy Cities Network Renewing the National network of Healthy Cities (Urban design, Governance, and Public Health Policy)
2:05pm	Liz Drumm, Local Government Association, QLD Local Government Resilience Planning
2:25pm	Panel Discussion & Q&A
2:55-3:25pm AEDT	Coffee/Tea Break
3:25pm AEDT	Session 2: Advancing Implementing One Health Dr Paul Barnes
3:25pm	Professor Cordia Chu, Centre for Environment & Population Health The Pengcheng Declaration on One Health: Actions and Opportunities

3:45pm	Associate Professor Nick Osborne (video) From Vision to Practice: Advancing the One Health Agenda in a changing climate
4:05pm	Panel Discussion & Q&A
4:35 – 4:40pm AEDT	Summation & Session End

South Australian Community of Practice

DATE	Tuesday, 4 November 2025
TIME	10:30am – 2:00pm AEDT
LOCATION	University of South Australia, City West Campus, BH2-09
DELIVERY	In person
CONVENERS	Professor Craig Williams, Dean of Students in the College of Health University of South Australia.

SESSION DESCRIPTION	<p>Public Health Impacts of the 2025 Harmful Algal Bloom (HAB):</p> <p>The harmful algal bloom in the coastal waters of South Australia has proven to be a devastating environmental change event, causing mass mortality in marine wildlife, impacting individuals, communities, and industry. The very future of the coastal ecosystem in South Australia is under threat.</p> <p>In this symposium we will explore the public health impact of the HAB, with presentations from subject matter experts and a discussion panel.</p> <p>This session forms part of the National NHMRC Healthy Environments and Lives (HEAL) national conference.</p>
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10:30am AEDT	Opening Session Welcome
10:30am	<p>Coffee and tea on arrival</p> <p>Craig Williams, University of South Australia / Adelaide University</p> <p>Acknowledgement of Country</p> <p>Welcome & Overview of Session</p>
11:10am AEDT	Session 1: Origins, ecology, managing health impacts Dr Laura Falkenberg, University of South Australia
11:10am	<p>Associate Professor Craig Styan, University of South Australia</p> <p>Understanding HABs: origins, algal species, phycotoxins of algal blooms, ecology</p>
11:30am	<p>Emeritus Professor Ian Gibbins, Flinders University</p> <p>Physical impacts of algae and toxin exposure on humans</p>
11:50am	<p>Professor Carla Litchfield, University of South Australia</p> <p>Mental Health impacts of HABs</p>
12:10-12:25pm AEDT	Coffee/Tea Break
12:25pm AEDT	Session 2: Health impacts of the HAB Dr Mira Cooper, University of South Australia
12:25pm	<p>Dr Yoni Tefera, A/Prof Carmel Williams, University of Adelaide</p> <p>Indirect Public Health impacts, impact inequities</p>
12:45pm	<p>Dr David Cunliffe, SA Health</p> <p>Managing Human Health Impacts of the Harmful Algal Bloom: A state government perspective</p>

1:05pm AEDT	Session 3: EXPERT PANEL Prof Craig Williams, University of South Australia / Adelaide University
1:05pm	Panel Discussion & Q&A Professor Justin Brookes, University of Adelaide Associate Professor Luke Mosley, University of Adelaide Professor Erica Donner, SAAFE CRC
1:30pm AEDT	Session End

Tasmanian Community of Practice

DATE	Tuesday, 4 November 2025
TIME	5:30pm – 7:30pm AEDT
LOCATION	Hobart Brewing Company, 16 Evans St Hobart
DELIVERY	In-person
CONVENERS	Dr Sharon Campbell, University of Tasmania
SESSION DESCRIPTION	Networking session to discuss collaboration opportunities for research and policy. Access to food trucks and drinks.

5:30pm – 7:30pm AEDT	Net working Session Hosted by Tas CoP Leadership team
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Victorian Community of Practice

DATE	Tuesday, 28 October 2025
TIME	10:00am – 4:30pm AEDT
LOCATION	Medical History Museum, University of Melbourne, 233 Bouverie St, Room G03 (map)
DELIVERY	Hybrid Link: Click here to join the meeting Zoom Meeting ID: 884 4807 4807 Passcode: 604230
CONVENERS	Professor Rebecca Bentley, University of Melbourne Ms Maria Gatto, University of Melbourne Mr Paul Fleckney, University of Melbourne Dr Ang Li, University of Melbourne Dr Shilpi Tewari, RMIT University Associate Professor Nicola Willand, RMIT University Dr Nigel Goodman, University of Canberra RMIT University
SESSION DESCRIPTION	This session will include a Welcome to Country by the Wurrundjeri Council, keynote speakers and panel discussion, early/mid-career researcher "3-minute" presentations, a knowledge translation seminar, and a guided visit to an exhibition on Cultural Medicine "The Art of Indigenous Healing".

10:00am AEDT	Opening Session Welcome to Country, Uncle Andrew Gardiner, Wurrundjeri Woi Wurrung Council Professor Rebecca Bentley, University of Melbourne and Dr Nigel Goodman, University of Canberra RMIT University
	Acknowledgement of Country Welcome & Overview of Session Summary of VIC CoP activities and objectives of the Healthy Environments and Lives National Research Network
10:30am AEDT	Keynote Presentations Dr Ang Li, University of Melbourne
	Dr Alasdair Vance, MBBS, M Medicine, MD, FRANZCP, Cert Child Psychiatry Principal Fellow Melbourne School of Population and Global Health, The University of Melbourne <i>Elder governed cultural therapy with young people with mental health conditions</i>
	Sally Moxham Manager of Low Emissions Buildings, DEECA <i>Victorian Government's new Minimum Energy Efficiency Rental standards and Building Electrification regulations</i>
	Professor Sean Taylor, PhD Director, Onemda, Melbourne School of Population and Global Health The University of Melbourne <i>Multi-sector oversight in managing chronic health conditions</i>
11:30am AEDT	Panel Discussion Dr Nigel Goodman, University of Canberra RMIT University

	<p>Ms Alison Roy Assistant Director - Environmental Health Policy, Australian Government Department of Health and Aged Care Melbourne, Victoria, Australia</p> <p>Ms Rosemary Smith (She/Her) Ngarabul Executive Manager, Policy and Consulting Lowitja Institute</p> <p>Dr Alasdair Vance MBBS, M Medicine, MD, FRANZCP, Cert Child Psychiatry Principal Fellow Melbourne School of Population and Global Health</p> <p>Professor Rebecca Bentley Director of the Centre for Research Excellence in Healthy Housing in Melbourne School of Population and Global Health.</p>
12:30pm AEDT	<p>Three-minute talks – Early and Mid-Career Researchers Dr Paul Fleckney, University of Melbourne</p>
	<p>Ms Steph Main, Deakin University Pedals, Place and Planetary Health: A Personal Journey on Country</p> <p>Mr Sunny Nguyen, University of Melbourne Adaptive capacities and vulnerabilities of older adults in the context of climate disasters</p> <p>Mr Muthukumar Maragathamayil, RMIT University How well do we understand indoor air dwellings?</p> <p>Dr Shilpi Tewari, RMIT University Empowering Communities: Addressing Electrification through Education and Inclusion</p> <p>Ms Joanne Adams, La Trobe University The impact of climate change on structurally disadvantaged rural community groups</p>
1:00pm AEDT	<p>Lunch Self-guided tour Billibellary's Walk (lunch break)</p>
<i>2:00pm</i>	<p>Cultural Medicine: The Art of Indigenous Healing (tour of the Medical History Museum)</p>
2:30pm AEDT	<p>Workshopping / weaving session Dr Shilpi Tewari, RMIT University / Dr Nigel Goodman, RMIT University University of Canberra</p>
	<p>In this session we will ask participants to share their interests with a neighbour then invite each to tell the group about the others work. The idea is to get to know each other a bit better and share ideas.</p>
3:30pm AEDT	<p>Coffee/Tea Break</p>
4:00pm AEDT	<p>Knowledge Translation Dr Bill Dodd from the Centre for Safe Air (CSA), University of Tasmania Dr Nigel Goodman, University of Canberra RMIT University</p>
4:20pm AEDT	<p>Reflections and final remarks <i>Facilitated by Professor Rebecca Bentley, University of Melbourne Dr Nigel Goodman University of Canberra RMIT University</i></p>

Western Australia Community of Practice

DATE	Thursday, 30 October 2025
TIME	12:00pm – 2:00pm AEDT
LOCATION	Online
DELIVERY	Online Link: https://us02web.zoom.us/j/86321021195 Zoom Meeting ID: 863 2102 1195
CONVENERS	Associate Professor Brad Farrant, Ngangk Yira Institute for Change, Murdoch University Aunty/Dr Mara West, The Kids Research Institute Australia Ms Jaime Yallup, Climate Justice Union
SESSION DESCRIPTION	From Theory to Practice

12:00pm AEDT	Opening & Welcome
12:00pm	Acknowledgement of Country Welcome & Overview of Session
12:10pm AEDT	HEAL WA State Level Season Yarn/Community of Practice
12:10pm	Case Studies and yarns of Working the Right Way with Communities.
12:30pm AEDT	First Break Out Discussion: What's working in your area, and what's next for you and your work
12:45pm	Being Accountable - Whole Group Discussion
1:00pm AEDT	Second Break Out Discussion: Who's most impacted - and where are they in the work?
1:20pm AEDT	Being Courageous - Whole group sharing
1:30pm AEDT	Final breakout: Linking our research and policy priorities with priorities from the community
1:45pm AEDT	Being Curious - Summary, Next Steps & Close

National Plenary Sessions - Wednesday, 5 November 2025

<p>12:00pm – 12:40pm AEDT</p>	<p>Welcome & Opening</p>
<p>12:00pm</p>	<p>Professor Linda Payi Ford, Charles Darwin University</p> <p>Acknowledgment of Country</p>
<p>12:10pm</p>	<p>Hon Bill Shorten, Vice Chancellor and President, University of Canberra</p> <p>Opening Address</p>
<p>12:20pm</p>	<p>Hon Rebecca White MP Assistant Minister for Health and Aged Care, Indigenous Health and Women</p> <p>Opening Address</p>
<p>12:30pm</p>	<p>Professor Sotiris Vardoulakis, Director, HEAL National Research Network, University of Canberra</p> <p>HEAL National Research Network Overview and Progress</p>
<p>12:40pm – 1:40pm AEDT</p>	<p>Rights, Resistance, and Revitalisation: Indigenous-led Climate Litigation for Justice</p> <p>Associate Professor Veronica Matthews, University of Sydney</p>
<p>12:40</p>	<p>Mr Francis Nona, QUT</p> <p>Presentation and reflection on recent legal cases from Zenadth Kes and outcomes from the discussion paper on Indigenous-led rights based approaches to climate litigation. Reflection on how medical professionals can assist with Indigenous-led climate action.</p> <p>Dr Kate Wylie, Doctors for the Environment Australia (DEA)</p> <p>Presentation and reflection on DEA’s recent action for judicial review of NOPSEMA’s approval for Woodside’s Scarborough Gas Project.</p> <p>Professor Jan McDonald, University of Tasmania</p> <p>Presentation and reflection as a climate law expert working in the Pacific Islands how legal systems can support Pacific and First Nation communities facing climate displacement.</p> <p>Panel Discussion</p> <p>Moderator: Associate Professor Veronica Matthews, University of Sydney Francis Nona, QUT, Dr Kate Wylie, Doctors for the Environment Australia (DEA), and Prof Jan McDonald, University of Tasmania</p>
<p>1:40pm –2:40pm AEDT</p>	<p>Climate Change and Health Security through One Health</p> <p>Dr Paul Barnes, Griffith University</p>

1:40pm	<p>Professor Cordia Chu, Griffith University</p> <p>Keynote: International Health Security</p> <p>Panel Discussion</p> <p>Moderator: Dr Paul Barnes, Griffith University Dr Tamara Riley, Australian National University Professor Codia Chu, Griffith University</p>				
2:20pm – 3:00pm AEDT	<p>Algal Blooms and Public Health: A Call for Coordinated Action</p> <p>Professor Craig Williams, University of South Australia / Adelaide University</p>				
2:20pm	<p>Professor Shauna Murray, University of Technology Sydney</p> <p>Keynote: Harmful algal blooms and human and environmental health in Australia: what can we learn from the 2025 South Australian Karenia bloom?</p> <p>Dr Alison Turnbull, University of Tasmania</p> <p>Harmful algal blooms and One-Health: time for a different approach?</p> <p>Panel Discussion</p> <p>Moderator: Professor Craig Williams, University of South Australia / Adelaide University Dr Alison Turnbull, University of Tasmania; Chair of the Aus Shellfish Quality Assurance Advisory Committee Professor Shauna Murray, Seafood Safety: Marine Algal Biotoxins, University of Technology Sydney</p>				
3:00pm – 3:15pm AEDT	<p>Break + E-Poster Viewing (15 min)</p>				
3:15pm – 4:45pm AEDT	<p>Concurrent Thematic Breakout Sessions A</p>				
3:15pm	Aboriginal and Torres Strait Islander health and knowledge translation for building resilience to environmental change	Health system resilience to climate change and sustainability	Food, soil and water safety and security in a changing environment	Science communication, citizen science, and risk perception	Urban health, built environment and nature-based solutions
4:45pm – 5:45pm AEDT	<p>Community Resilience to Climate Extremes and Mental Health</p> <p>Prof Debra Rickwood, University of Canberra</p>				

4:45pm

Associate Professor Fiona Charleson, Queensland Centre for Mental Health Research
Building psychological resilience during climate change: an overview of the evidence

Dr Rebecca McNaught, University of Sydney

Connecting for impact – building, and learning from, a community resilience alliance across the Northern Rivers, NSW

Dr Bhiemie Williamson, National Indigenous Disaster Resilience, Monash University

Cultural determinants of Indigenous resilience

Professor Debra Rickwood, University of Canberra

Mitigating the impact of climate change anxiety on young people’s mental health and wellbeing

Panel:

Moderator: Professor Debra Rickwood, University of Canberra

Associate Professor Fiona Charleson, Queensland Centre for Mental Health Research

Dr Rebecca McNaught, University of Sydney

Dr Bhiemie Williamson, National Indigenous Disaster Resilience, Monash University

5:45pm AEDT

End of Day

National Plenary Sessions - Thursday, 6 November 2025

12:00pm – 12:30pm AEDT	Welcome & Opening
12:00pm	Associate Professor Veronica Matthews, Conference Co-Chair, University of Sydney Acknowledgement of Country
12:05pm	Ms Lisa Paul, AO PSM, Chancellor, University of Canberra Opening Address
12:10pm	Professor Lauren Rickards, La Trobe University Climate Change Adaptation Lab Opening Address
12:30pm – 1:30pm AEDT	Climate Risk and Adaptation Planning from National to Local Dr Georgia Behrens, National Health, Sustainability and Climate Unit, Australian Government Department of Health, Disability and Ageing
12:30pm	Panellists Dr Kimberly Humphrey, Senior Emergency Medicine Specialist and Public Health Medical Consultant, South Australia Health Dr Matthew Riley, Director of Climate and Atmospheric Science, NSW Department of Climate Change, Energy, the Environment and Water (DCCEEW) Mr Nick Godden, Director, Department of Climate Change, Energy, the Environment and Water (DCCEEW) Ms Nadine Blair, Director of Policy, National Aboriginal Community Controlled Health Organisation (NACCHO) Ms Michelle Isles, CEO, Climate and Health Alliance Australia
1:30pm – 2:30pm AEDT	Translating Science into Policy for a Plastic-Free Future Dr Geetika Bhagwat-Russell, University of Newcastle

1:30pm	<p style="text-align: center;">Panellists</p> <p style="text-align: center;">Scientia Professor Veena Sahajwalla AO, Director of Sustainable Materials Research & Technology (SMaRT) Centre, University of New South Wales</p> <p style="text-align: center;">Professor Thava Palanisami, Australian Plastics Research and Innovation Laboratory (APRIL), University of Newcastle</p> <p style="text-align: center;">Mr Evan Sutter, author, keynote speaker, wellbeing coach, and Starboard Ocean Ambassador</p> <p style="text-align: center;">Hunter River Paddle film</p>				
2:30pm – 2:45pm AEDT	Break and E-Poster Viewing (15 min)				
2:45pm – 4:15pm AEDT	Concurrent Thematic Breakout Sessions B				
2:45pm AEDT	Rural and remote health and climate-related disasters	At-risk populations, early life effects and life-course solutions	Data and decision support systems for environmental health applications	Bushfires, air pollution, and their impact on physical, mental, and community health	Biosecurity, and emerging infections in the context of environmental change
4:15pm – 4:45pm AEDT	Awards and Announcements				
	<p style="text-align: center;">Ms Lindsay Morgan, HEAL Global Research Centre, University of Canberra</p> <p style="text-align: center;">HEAL 2025 Photo Contest Awards recipients</p> <p style="text-align: center;">Dr Dharani Sabba, HEAL Global Research Centre, University of Canberra</p> <p style="text-align: center;">Announcement of HEAL 2025 Innovation Fund Awards recipients</p> <p style="text-align: center;">HEAL 2025 Conference Best E-Poster, Best Presentation and Best Indigenous Project</p>				
4:45pm – 5:00pm AEDT	Closing remarks				
	<p style="text-align: center;">Professor Sotiris Vardoulakis, University of Canberra</p> <p style="text-align: center;">Associate Professor Veronica Matthews, University of Sydney</p> <p style="text-align: center;">Dr Yonatal Tefera, South Australian Health and Medical Research Institute (SAHMRI) University of Adelaide</p>				
5:00pm AEDT	End of Day				

Concurrent Thematic Breakout Sessions (A)

Wednesday, 5 November 2025

Aboriginal and Torres Strait Islander health and knowledge translation for building resilience to environmental change

DATE	Wednesday, 5 November 2025
TIME	3:15 - 4:45pm AEDT
DELIVERY	Online
CONVENER(S)	Professor Aunty Linda Ford, Charles Darwin University & Associate Professor Veronica Matthews, University of Sydney
SESSION DESCRIPTION	This session explores how Indigenous knowledges and practices are shaping responses to climate change, health, and wellbeing across Australia. Presenters will share community-led approaches to healing through art, and co-designing climate solutions that includes economic, food and energy security. Attendees will gain insights into practical strategies and partnerships that centre First Nations voices in research and policy.

3:15pm AEDT	Welcome
3:15pm	<p>Acknowledgement of Country</p> <p>Welcome & Overview of Session</p> <p>Associate Professor Veronica Matthews, University of Sydney</p>
3:20pm AEDT	Invited Talks
3:20pm	<p>Ms Sharna Motlap, Northern Institute, Charles Darwin University</p> <p>Healing from Country for Country through Aboriginal and Torres Strait Islander Art - Communities of Practice</p>
3:30pm	<p>Ms Lauren Tynan, Macquarie University</p> <p>Changes to Country, changes to wellbeing: Insights from Tebrakunna</p>
3:40pm	<p>Ms Caroline Deen, University of Sydney</p> <p>Scoping Review of the Determinants of Food Security for Indigenous Peoples in Australia: Preliminary Results</p>
3:50pm	<p>Ms Kris Vine, University of Sydney, University Centre for Rural Health</p> <p>Co-creating evaluations of climate adaptations with Aboriginal communities</p>
4:00pm	<p>Ms Eliza Hopkins, City and Environment Directorate, ACT Government</p> <p>Co-design for Climate Resilience: Partnering with Aboriginal Community-Controlled Organisations to Deliver Home Energy Support</p>

4:10pm	Associate Professor Brendan Kennedy, University of Melbourne Dr Sangeetha Chandrashekeran, University of Melbourne Kulingi kaiejn ruwe Water Rights for First Nations: Exploring Cultural Economic Futures through Agent Based Modelling.
4:20pm	Panel Discussion, Q&A from audience Professor Aunty Linda Ford, Charles Darwin University
4:40pm AEDT	Closing Remarks
4:45pm AEDT	Session End

Health system resilience to climate change and sustainability

DATE Wednesday, 5 November 2025

TIME 3:15 – 4:45 pm AEDT

DELIVERY Online

CONVENER Professor Alexandra Barratt, University of Sydney

SESSION DESCRIPTION This session explores how health systems in Australia and beyond can respond to environmental, operational, and policy challenges posed by climate change. Presentations will examine approaches to embedding sustainability and resilience into healthcare—from reducing carbon emissions and rethinking procurement practices to strengthening system preparedness, policies and accountability. The session showcases new evidence from across the sector, with a focus on transforming health systems toward a more sustainable future.

3:15pm AEDT	Welcome
3:15pm	<p>Acknowledgement of Country Welcome & Overview of Session Professor Alex Barratt, University of Sydney</p>
3:20pm AEDT	Keynote Speaker
3:20pm	<p>Ms Melissa Sweet, Croakey Media A safe news and information environment: what will it take?</p>
3:40pm AEDT	Invited Talks
3:40pm	<p>Dr Erin Mathieu, University of Sydney NSW Health Net Zero Leads Partnership</p>
3:50pm	<p>Dr Michael Loftus, Monash University The carbon footprint of different medication packaging items at an Australian tertiary hospital</p>
4:00pm	<p>Ms Urvi Thanekar, University of Melbourne Stakeholder driven insights to embed circularity in healthcare procurement</p>
4:10pm	<p>Dr Ashenafi Woyessa, Flinders University Exploring health emergency preparedness from a system perspective: Implications for resource-poor health system resilience</p>
4:20pm	<p>Mr Rizal Bahri, Climate and Health Alliance Health system’s greenhouse gas emission reporting policies in Australia and New Zealand</p>
4:30pm	<p>Ms Christina Rojas, Macquarie University Creating low-carbon and climate-resilient health systems: Perspectives from higher and lower income countries</p>

<i>4:40pm AEDT</i>	Closing Remarks
<i>4:45pm AEDT</i>	Session End

Food, soil and water safety and security in a changing environment

DATE Wednesday, 5 November 2025

TIME 3:15-4.45pm AEDT

DELIVERY Online

CONVENER(S) Professor Erica Donner, SAAFE CRC (Cooperative Research Centre for Solving Antimicrobial Resistance in Agribusiness, Food, and Environments) and University of South Australia (UniSA)

Professor Thava Palanisami, Australian Plastic Research and Innovation Laboratory (APRIL) and University of Newcastle

SESSION DESCRIPTION Following a brief introduction to the theme of Food, Soil, and Water Security in a Changing Environment, this session will be split into 2 main sections. In the first section, the speakers will focus on challenges in the context of traditional foods and diets. In the second half, the focus is on the assessment and management of priority emerging chemical and microbiological contaminant challenges.

3.15pm AEDT	Welcome Thava Palanisami, University of Newcastle Erica Donner, SAAFE CRC and University of South Australia
3:15pm	Acknowledgement of Country Professor Thava Palanisami, University of Newcastle Introduction: Food, Soil and Water Security in a Changing Environment Professor Erica Donner, SAAFE CRC and UniSA
3:23pm AEDT	Traditional Foods and Diets Erica Donner, SAAFE CRC and University of South Australia
3:23pm	Mr Casey Neathway Traditional Indigenous Foods: Colonialism, Barriers, and Environmental Public Health
3:29pm	Dr Faten Alharbi Are traditional diets the key to healthy, sustainable, and culturally acceptable eating?
3:35pm	Ms Worku Misganaw Gebrie Environmental Determinants of Single, Double, and Triple Burdens of Under-Five Undernutrition in Sub-Saharan Africa: A Geographically Weighted Regression Analysis

3:41pm	Panel Discussion & Q&A
3:50pm AEDT	Micropollutants, Microplastics, and Microbial Challenges Professor Thava Palanisami, University of Newcastle
3:50pm	Professor Thava Palanisami, University of Newcastle Introduction: Considerations on emerging contaminants and safeguarding food, soil and water safety and security
3:54pm	Ms Cara Patel, University of Exeter, UK The Impact of Climate Change on Antimicrobial Resistance
4:00pm	Ms Emily Stevenson, University of Exeter, UK Sewers to Seas: exploring pathogens and antimicrobial resistance on microplastics in human contaminated water systems
4:06pm	Dr Shiv Basant Kumar, University of Newcastle, Australia Micro(nano)plastics impair retinal development: Evidence from the chick embryo retinospheroid model
4:12pm	Dr Mira Cooper-Beknazarova, University of South Australia Microbiological quality of domestic roof-harvested rainwater in South Australia
4:18pm	Dr Farnaz Purzand, Otago University of Wellington Private Water Supplies and Campylobacteriosis: Epidemiological Findings from Rural New Zealand
4:24pm	Q&A and final integrating points from the speakers Professor Thava Palanisami and Professor Erica Donner with sessions speakers
4.45pm AEDT	Session End Professor Thava Palanisami, University of Newcastle

Science communication, citizen science, and risk perception

DATE Wednesday, 5 November 2025
TIME 15:15 – 16:45 (AEDT)
DELIVERY Online
CONVENER(S) Professor Cordia Chu
 Centre for Environment and Population Health, Griffith University.

SESSION DESCRIPTION **Science communication** generally refers to public communication presenting science-related topics to non-experts. It can also simply describe communication between scientists, as well as between non-scientists. How you communicate depends on whether you are publishing research results in a peer-reviewed journal, talking to a reporter, interacting with students, or discussing your research with the public. Science communication can aim to generate support for scientific research or study, or to inform decision making, including political and ethical thinking, and to improve understanding so as to mobilise action. This is particularly important to climate change. There is increasing emphasis on explaining methods, users engagement, co-designing rather than simply informing findings of science. This session will include presentations from research to policy and action examples.

3:15pm AEDT	Welcome
3:15pm	Acknowledgement of Country Welcome & Overview of Session Professor Cordia Chu, Griffith University
3:20pm AEDT	Theme lead opening remarks: The Importance of Science Communication to inform and mobilise climate action
3:30pm	Dr Cintya Dharmayanti, Scientell From contention to connection: Communicating complex and contested climate and health science
3:38pm	Dr Yonatal Tefera, SAHMRI Why Evidence Alone Doesn't Drive Policy: The Case of Australia's Engineered Stone Ban
3:46pm	Mr Kristian Mikhel, University of Tasmania Champion-led pollution communication: co-designing a clean air community intervention in Snug, Tasmania
3:54pm	Dr Shilpi Tewari, RMIT A Health Impact Assessment of Community-Led Air Quality Monitoring in Europe
4:02pm	Dr Cong Tuan Pham, Griffith University Empowering Communities Through Citizen-Led Air Quality Monitoring: The AirGradient Clean Air Advocates Program

<i>4:10pm</i>	Ms Cat Cullen and Ms Natali Koerbel, City and Environment Directorate, ACT Government Co-designing a climate change risk management and adaptation planning toolkit for Community Sector Organisations in the ACT
<i>4:18pm</i>	Panel Discussion
4:40pm AEDT	Closing Remarks
4:45 AEDT	Session End

Urban health, built environment and nature-based solutions

DATE Wednesday, 5 November 2025

TIME 03:15 – 04:45 PM AEDT

DELIVERY Online

CONVENER(S) Professor Priya Rajagopalan
 Director of Post Carbon Research Centre for Infrastructure and the Built Environment,
 Associate Dean (Research and Innovation) in the School of Property, Construction and Project Management,
 RMIT University

SESSION DESCRIPTION This session explores how cities can be designed to promote health, climate resilience, and equity through sustainable planning and nature-based solutions. Presentations explore frameworks for healthy cities, the role of outdoor spaces in recovery, low-cost air quality monitoring, and the mental health benefits of nature-based activities – advancing understanding of sustainable, post-pandemic urban living. It will interest researchers, planners, architects, public health professionals, and policymakers working at the intersection of health and urban environments.

3:15pm AEDT	Welcome
03:15pm	Acknowledgement of Country Welcome & Overview of Session Professor Priya Rajagopalan, RMIT University
3:20pm AEDT	Keynote Speakers
03:20pm	Professor Thomas Astell-Burt, University of Sydney Nature and Health: Theory, Evidence, and Recommendations
03:35pm	Q&A
3:40pm AEDT	Invited Talks
03:40pm	Dr Melanie Lowe, Centre for Urban Research, RMIT University & Ms Atefeh Soleimani Roudi, RMIT University Indicators of healthy, climate resilient cities: A scoping review for the Global Observatory of Healthy and Sustainable Cities
03:50pm	Ms Belinda Seale, Deakin University Outdoor Spaces Available for Inpatient Stroke Rehabilitation: A Precedent Study
04:00pm	Mr Muthukumar Maragathamayil, RMIT University Evaluating the performance of Clarity Node-S, a low-cost air quality monitor for continuous indoor and outdoor air quality monitoring
04:10pm	Ms Mikaela Struckett, University of the Sunshine Coast Exploring the Lived Experience of Green Exercise Benefits for Occupational Stress and Psychological Well-being
04:20pm	Panel Discussion
4:40pm AEDT	Closing Remarks

Concurrent Thematic Breakout Sessions (B)

Thursday, 6 November 2025

Rural and remote health and climate-related disasters

DATE Thursday, 6 November 2025
TIME 2.45 - 4.15pm AEDT
DELIVERY Online
CONVENER(S) Associate Professor Supriya Mathew, Menzies School of Health Research and Dr Rebecca McNaught, University of Sydney

SESSION DESCRIPTION Rural and remote communities are among the most exposed to the health impacts of extreme weather. This session will explore how geographic isolation, limited infrastructure, and existing health inequities in rural and remote locations intersect with climate risks to create unique challenges and opportunities for action. The session will be useful for health professionals, emergency and disaster professionals serving rural and remote locations, researchers and rural and remote community members.

2:45pm AEDT	Welcome
2:45pm	<p>Acknowledgement of Country Welcome & Overview of Session & introduction to Miro Board Dr Rebecca McNaught, University of Sydney</p>
2:55pm AEDT	Invited Talks
2:55pm	<p>Dr Eryn Wright, University of Queensland The impacts of climate on social and emotional wellbeing: A case study in Stanthorpe, Queensland</p>
3:05pm	<p>Dr Thi Ha Lien Le, Australian National University Investigating Associations between Poor-quality Drinking Water and Public Health Outcomes in Remote and Regional Australia</p>
3:15pm	<p>Dr Manoj Bhatta, Menzies School of Health Research Extreme heat and crime in Central Australia: An emerging climate change risk</p>
3:25pm	<p>Ms Amy Le Compte, Menzies School of Health Research Environmental health monitoring in East Arnhem Land</p>
3:35pm	<p>Dr Zubair Ahmad Ratan, Menzies School of Health Research When a cyclone signal is received, anxiety sets in”: An Investigation of Psychological Vulnerability to Climate Change in Coastal Bangladesh</p>
3:45pm	<p>Dr Gopika Indu, University of Canberra Lung Deposition of Biomass Smoke in Women, Children, and COPD Cases in Rural India: MPPD Modelling Insights</p>
3:55pm	<p>Dr Lawrence Guodaar, Menzies School of Health Research Indigenous adaptation for addressing climate change and food insecurity in rural northern Ghana</p>

4:05pm	<p style="text-align: center;"> Dr Rebecca McNaught, University of Sydney Dr Rishu Thakur, Menzies School of Health Research Associate Professor Supriya Mathew, Menzies School of Health Research Reviewing the Miro board discussion </p>
4:12pm AEDT	<p style="text-align: center;"> Closing Remarks Associate Professor Supriya Mathew, Menzies School of Health Research </p>
4.15pm ADT	<p style="text-align: center;">Session End</p>

At-risk populations, early life effects and life-course solutions

DATE Thursday, 6 November 2025
TIME 2:45 – 4:15pm AEDT
DELIVERY Online
CONVENER(S) Associate Professor Caitlin Wyrwoll, University of Western Australia
 Associate Professor Alex Larcombe, Curtin University

SESSION DESCRIPTION **Session Title: Transdisciplinary Approaches to Heat and Climate Resilience: Community, Evidence, and Equity**
Session Description:
 This session explores different disciplinary considerations on the impact of climate change on health. We showcase a transdisciplinary approach to addressing the growing public health challenge of heat, with a particular focus on priority populations such as older adults. Through the lens of the *Ethos* project, the keynote presentation highlights how co-design and community involvement can enhance the relevance and impact of heat-related research and interventions.
 Complementary short talks will delve into community engagement theory, climate justice, disaster resilience, and evidence on heat-related health outcomes, including chronic kidney disease and ageing populations. Together, these presentations showcase the potential for integration of diverse knowledge systems, from emergency management to policy, can foster more equitable and effective climate adaptation strategies.
Target Audience:
 This session is ideal for researchers, public health professionals, urban planners, emergency management practitioners, community service providers, and policymakers interested in climate resilience, health equity, and participatory research methods.
Key Takeaways:

- Practical insights into transdisciplinary research and co-design for climate and health challenges
- Evidence-based understanding of climate impacts on vulnerable populations
- Tools and frameworks for community engagement and climate justice
- Strategies for integrating research, policy, and practice to build resilience

2:45 AEDT	Welcome Caitlin Wyrwoll, University of Western Australia
2:45pm	Acknowledgement of Country Welcome & Overview of Session Alex Larcombe, Curtin University
2:50pm AEDT	Keynote Speakers
2:50pm	Mehak Oberai and Shannon Rutherford, Griffith University

	Transdisciplinary Research and community involvement in heat research- Ethos as a case study
3:10pm	Q&A
3:15pm AEDT	Invited Talks
3:15pm	Associate Professor Petra Buergelt, University of Canberra Community Engagement Theory: Weaving together emergency management and community development knowledges to reduce disasters and adapt to climate change
3:25pm	Dr Syeda Hira Fatima, HEAL Global Research Centre, University of Canberra Global evidence on the impact of ambient temperature and heatwaves on chronic kidney disease: a systematic review and meta-analysis
3:35pm	Associate Professor Patricia Lee, Griffith University Understanding climate change-related vulnerabilities among older people living in the community: A Brisbane-based study
3:45pm	Associate Professor Jacqueline Stephens, Flinders University A systematic review and meta-analysis of the impact of ambient heat, heatwaves and air pollution on otitis media
3:55pm AEDT	Discussion and Closing Remarks
4:15pm AEDT	Session End

Data and decision support systems for environmental health applications

DATE Thursday, 6 November 2025
 TIME 2:45 – 4:15 AEDT
 DELIVERY Online
 CONVENER(S) Dr Timothy Chaston, University of Canberra
 Dr Aiden Price, Queensland University of Technology

SESSION DESCRIPTION This session will build understanding of how HEAL Data and Decision Support Systems can be leveraged to inform policy and regulatory outcomes.

2:45pm AEDT	Welcome
2:45pm	Acknowledgement of Country Welcome & Overview of Session Dr Aiden Price, Queensland University of Technology
2:55pm AEDT	Invited Talks
2:55pm	Dr Saket Ranjan, Indian Institute of Technology Madras Characterization of driving dynamics and real-world emissions in heavy-duty vehicles considering load-dependent variability
3:05pm	Dr Javier Cortes-Ramirez, Queensland University of Technology Using spatial statistics to produce environmental health indicators for decision making: the case of the risk of respiratory diseases associated with coal mining in Queensland
3:15pm	Mr Nakul Nambiar, University of Canberra Data storage, management and visualisation platform for low-cost environmental sensors
3:25pm	Dr Charlotte Waudby, <i>Curtin University</i> Data and Tools for Quantifying Australia's Environmental and Climate Change Health Risk
3:35pm	Dr Eleni Dovrou, Technical University of Crete Regional fire models and the integration of forest fire weather index
3:45pm AEDT	An interactive Data and Decision Support System
	Mr Nakul Nambiar, University of Canberra ClimateCHIP: climate change and heat health data for adaptation policy makers Mentimeter group exercise
3:55pm AEDT	Open Discussion
3:55pm	Dr Timothy Chaston, University of Canberra Data and Decision Support Systems for policy outcomes: Salient indicators from local and global data infrastructures and analytical tools
4:10pm AEDT	Closing Remarks
4:15pm AEDT	Session End

Bushfires, air pollution, and their impact on physical, mental, and community health

DATE Thursday, 6 November 2025

TIME 2.45 - 4:15pm AEDT

DELIVERY Online

CONVENER(S) Professor Fay Johnston, Menzies Institute for Medical Research, University of Tasmania
Professor Geoff Morgan, University Centre for Rural Health, University of Sydney

SESSION DESCRIPTION This session will explore the health impacts of climate extremes and adaptation strategies. Topics include co-designed advice for reducing air pollution exposure, firefighter health protection, bushfire information needs among youth, indoor air pollution and heat-related pregnancy outcomes. Presenters will highlight equity, vulnerability, and practical responses to climate risks, framed by a keynote from Neal Fann on climate-health equity.

2:45pm AEDT	Welcome
2:45pm	Acknowledgement of Country Welcome & Overview of Session Professor Fay Johnston, University of Tasmania Professor Geoff Morgan, University of Sydney
2:50pm AEDT	Keynote Speaker
2:50pm	Mr Neal Fann Harvard TH Chan School of Public Health, Harvard University, Boston, USA And World Health Organization Collaborating Centre for Climate Change and Health Impact Assessment, School of Population Health, Curtin University, Australia <i>Recording: The Climate, Health and Equity Dimension of Wildland Fires in the US</i>
3:10pm AEDT	Invited Talks
3:10pm	Dr Nigel Goodman, University of Canberra Weaving diverse knowledges into air pollution exposure reduction advice for people with asthma – The Healthy Air Project
3:20pm	Miss Sophie Iles, University of Queensland Co-designing a study to improve firefighter health protective strategies
3:30pm	Dr Erin Walsh, Australian National University Unmet Needs, Unheard Voices: Bushfire Information Needs of Young Australians Aged 15–19
3:40pm	Ms Pratika Chawala, Global Research Centre, University of Canberra Influence of residential buildings on fine particulate matter (PM_{2.5}) exposure and mortality burden

3:50pm	Dr Aster Gebremedhin, The University of Western Australia Impacts of extreme heat exposure on pregnancy outcomes: A systematic bibliometric review from 2000-2024
4:00pm AEDT	Panel Discussion
4:00pm	Moderator: Professor Fay Johnston, University of Tasmania Professor Geoff Morgan, University of Sydney Dr Nigel Goodman, University of Canberra Miss Sophie Iles, The University of Queensland Dr Erin Walsh, Australian National University Ms Pratika Chawala, University of Canberra Dr Aster Gebremedhin, The University of Western Australia (Q&A)
4:14pm AEDT	Closing Remarks Fay Johnston /Geoff Morgan
4:14pm	Professor Fay Johnston, University of Tasmania Professor Geoff Morgan, University of Sydney
4:15pm, AEDT	Session End

Biosecurity, and emerging infections in the context of environmental change

DATE Thursday, 6 November 2025

TIME 2:45 – 4:15 PM

DELIVERY Online

CONVENER(S) Professor Wenbiao Hu, Queensland University of Technology (QUT) and Director, Australia-China Centre for Public Health
Dr Eloise Skinner, University of Queensland
Dr Kinley Wangdi, University of Canberra

SESSION DESCRIPTION This session focuses on the application of different infectious disease modelling methods across epidemiological systems.

2:45pm AEDT	Welcome
2:45pm	Acknowledgement of Country Welcome & Overview of Session Professor Wenbiao Hu, Queensland University of Technology (QUT)
2:50pm AEDT	Keynote Presentation Dr Eloise Skinner, University of Queensland
2:50pm	Professor Jue Liu, Peking University Pertussis resurgence: Global Public Health Implication
3:10pm AEDT	Invited Talks
3:10pm	Dr Shovanur Haque, QUT Pertussis in Australia, 1995–2025: Trends, seasonality, vaccination impact and Bayesian forecasting insights
3:20pm	Dr Yen Pham, CSIRO System dynamics to understand environmental pathways of antimicrobial resistance
3:30pm	Associate Professor Oyelola Adegboye, Menzies School of Health Research, Charles Darwin University Climate Extremes and Infectious Disease Risk in New South Wales: A Spatial Bayesian Modelling Approach
3:40pm	Mr Kinley Penjor, Global Research Centre, University of Canberra Imported malaria in Asia Pacific region: Systematic review and meta-analysis
3:50pm	Dr Eloise Skinner, ODeSI, University of Queensland Japanese encephalitis virus in the Pacific: assessment of entomological, host and climate factors
4:00pm AEDT	Q&A
4:00pm	Moderator: Professor Wenbiao Hu, Queensland University of Technology Dr Yen Pham, CSIRO Associate Professor Oyelola Adegboye, Charles Darwin University Dr Shovanur Haque, Queensland University of Technology

Mr Kinley Penjor, University of Canberra
Dr Eloise Skinner, University of Queensland

4:15 pm AEDT

Session End

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