



HEAL 2024 Conference

Healing with Country for a Sustainable Future for Everyone

Conference Program

HEAL 2024 Conference Organising Committee

Conference Chairs

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Canberra

Assoc Prof Veronica Matthews
University Centre for Rural Health, University
of Sydney

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Prof Erica Donner
CRC SAAFE, University of South Australia

Assoc Prof Brad Farrant
The Kids Research Institute

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Assoc Prof Linda Payi Ford
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Prof Luis Salvador-Carulla
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HEAL 2024 Conference – Overview

Please click on a session to navigate the program

REGIONAL HUB SESSIONS

Tuesday 26 November

Please check regional dates and times

QUEENSLAND

Tuesday 26 November 2024 (1:15 PM – 5:10 PM AEST)

NEW SOUTH WALES

Tuesday 26 November 2024 (3:00pm - 5:30pm AEDT)

AUSTRALIAN CAPITAL TERRITORY

Tuesday 26 November 2024 (9:00 AM – 1:30 PM AEDT)

VICTORIA

February 2025 (time TBC)

TASMANIA

Friday 22 November 2024 (10:00 AM – 3:30 PM AEDT)

SOUTH AUSTRALIA

14 February 2025 (9:00 AM – 12:00 PM ACDT)

WESTERN AUSTRALIA

Wednesday 30 October 2024 (4:30 PM – 6:00 PM AWST)

NORTHERN TERRITORY

Tuesday 26 November 2024 (9:00 AM – 11:00 AM ACST)

NATIONAL SESSIONS

Wednesday 27 November

9:00 AM – 2:40 PM AWST / 10:30 AM – 4:10 PM ACST / 11:30 AM – 5:10 PM ACDT / 11:00 AM – 4:40 PM AEST / 12:00 PM – 5.40 PM AEDT

WELCOME & OPENING

NATIONAL HEALTH & CLIMATE IMPLEMENTATION

LUNCH BREAK & E-POSTER VIEWING

SPEAKING INDIGENOUS RESEARCH FOR/WITH/ON COUNTRY

TEA BREAK & E-POSTER VIEWING

THEMATIC BREAKOUT SESSIONS A

Biosecurity & Emerging Infections	Data & Decision Support Systems	Food, Soil & Water Security
Indigenous Knowledge Systems	Rural & Remote Health	Urban Health & Built Environment

TEA BREAK & E-POSTER VIEWING

ENVIRONMENTAL HEALTH RESEARCH TRANSLATION

NATIONAL SESSIONS

Thursday 28 November

9:00 AM – 2:30 PM AWST / 10:30 AM – 4:00 PM ACST / 11:30 AM – 5:00 PM ACDT / 11:00 AM – 4:30 PM AEST / 12:00 PM – 5.30 PM AEDT

WELCOME & OPENING

EXTREME HEAT & HEALTH PROTECTION

LUNCH BREAK & E-POSTER VIEWING

BUILDING RESEARCHER CAPACITY IN PLANETARY CRISIS

TEA BREAK & E-POSTER VIEWING

THEMATIC BREAKOUT SESSIONS B

At-risk Populations & Early Life Effects	Bushfires & Extreme Weather	Clean Energy Solutions for HEAL
Climate Change & Mental Wellbeing	Health Systems Resilience	Science Communication

TEA BREAK & E-POSTER VIEWING

CONFERENCE AWARDS & WAY FORWARD

Regional Hub Sessions – Tuesday 26 November 2024

QUEENSLAND

1:15 PM – 5:10 PM AEST

Location	N78 Sir Samuel Griffith Centre Room 1.19, Griffith University, Nathan QLD 4111
Delivery	Hybrid (Face-to-face & Online) Link: Join the meeting now MS Teams Meeting ID: 462 874 642 198 Passcode: bT6Yo6Rt
Conveners	Prof Cordia Chu, Director, Centre for Environment and Population Health, Griffith University Dr Paul Barnes, Griffith University
Session Description	The Queensland breakout session covers several areas of interest within the wider orbit of HEAL topics. These include challenges & prospects for re-building community resilience in post-disaster settings, regulating food safety in the face of climate change, and progress updates on ‘One Health’ issues and selected projects by HEAL affiliated researchers: future proofing health care systems and early warning mechanisms for vector-borne disease. The session also includes presentations from HDR candidates and early career researchers on their work and views on the best way to communicate their findings to technical and lay readers.

1:15 PM - 1:30 PM AEST	<u>Opening Session of Queensland Hub</u> Prof Cordia Chu, Director, Centre for Environment and Population Health, Griffith University
	Acknowledgement of Country Welcome & Overview of Queensland Session Prof Cordia Chu, Griffith University
1:30 PM - 2:35 PM AEST	<u>Session 1: Challenges & Future Prospects Session</u> Dr Paul Barnes, Griffith University
1:30 PM - 1:45 PM AEST	Jimmy Scott, General Manager Integration & Coordination, Queensland Reconstruction Authority <i>Enabling preparedness and community resilience?</i>
1:45 PM - 2:00 PM AEST	Brian Witherspoon, Director Policy & Engagement Safe Food Production Queensland <i>Assuring food safety in the face of climate change: Approaches and Frameworks</i>
2:00 PM - 2:10 PM AEST	Dr Peter Black, Essential Foresight <i>Animal health: Future threat landscapes</i>
2:10 PM - 2:20 PM AEST	Assoc Prof Alastair Stark, The University of Queensland <i>(un)Learning from mistakes: Are institutions crisis prone?</i>

2:20 PM - 2:35 PM AEST	Panel Discussion & Q&A
2:35 PM - 3:35 PM AEST	<u>Session 2: Translational Research in Action/Works in Progress Session</u> Prof Cordia Chu, Director, Centre for Environment and Population Health, Griffith University
2:35 PM - 3:20 PM AEST	Dr Tuan Pham, School of Public Health, The University of Queensland <i>E-Dengue Project: Advancing adoptability and sustainability of Dengue prevention and control through translational research</i> Assoc Prof Patricia Lee, Public Health (PUH) Discipline, School of Medicine & Dentistry School of Medicine & Dentistry, Griffith University <i>Paving the way towards building resilience: Co-designing an integrative climate-resilient and health-promoting aged care community</i> Dr Louise Woodward, Darwin Children's Clinic, Darwin <i>Indigenous Peoples leading the battle of our lives against gas developments that harm Australia's health, environment and climate: Views from a Darwin paediatrician</i>
3:20 PM - 3:35 PM AEST	Q&A
3:35 PM - 3:50 PM AEST	Coffee/Tea Break
3:50 PM - 4:15 PM AEST	<u>Session 3: Showcasing Early Career Researchers & their Aspirations</u> Dr Tatiana Probeste Ibertti, The University of Queensland
3:50 PM - 4:05 PM AEST	What are you current researching – What are you seeking to achieve? Fan Yu, HDR Candidate, Centre for Clinical Research (ODESI), University of Queensland Vishal Singh, HDR Candidate, Australia-China Centre of Public Health, School of Public Health and Social Work, Queensland University of Technology Dr Linh Tran, a Senior Research Officer, School of Public Health, University of Queensland Jahirul Islam, HDR Candidate, Australia-China Centre of Public Health, School of Public Health and Social Work, Queensland University of Technology
4:05 PM - 4:15 PM AEST	Panel Discussion How Do you see your work contributing to global health issues?
4:15 PM - 4:35 PM AEST	<u>Session 4: Community of Practice Network Updates: One Health Development across ASEAN & Queensland</u> Prof Cordia Chu, Director, Centre for Environment and Population Health, Griffith University
4:15 PM - 4:35 PM AEST	Prof Tjandra Yoga Aditama, Director Postgraduate School, YARSI University <i>One Health Developments (ASEAN)</i> Dr Paul Barnes, HEAL Senior Research, Policy and Practice Fellow, Centre for Environment & Population Health, School of Medicine and Dentistry, Griffith University <i>One Health Community of Practice: Queensland</i>
4:35 PM - 5:15 PM AEST	<u>Discussion: Challenges and Future Directions for Transformational Change?</u> Prof Kerrie Mengersen, Queensland University of Technology
	Prof Cordia Chu, Director Centre for Environment and Population Health, Griffith University

	<p>Dr Peter Black, Foresight Practitioner and Veterinary Epidemiologist</p> <p>Assoc Prof Alastair Stark, The University of Queensland</p> <p>Noore Alam, A/Manager Epidemiology and Research Unit, Public Health Intelligence Branch, Queensland Public Health & Scientific Services (QPHaSS)</p> <p>Assoc Prof Patricia Lee, Public Health (PUH) Discipline, School of Medicine & Dentistry School of Medicine & Dentistry, Griffith University</p> <p>Dr Paul Barnes, HEAL Senior Research, Policy and Practice Fellow, Centre for Environment & Population Health, School of Medicine and Dentistry, Griffith University</p> <p>Dr Tuan Pham, School of Public Health, The University of Queensland</p> <p>Dr Louise Woodward, Darwin Children’s Clinic, Darwin</p>
5:15 PM AEST	QLD session end

Regional Hub Sessions – Tuesday 26 November 2024

NEW SOUTH WALES

3:00 PM – 5:30 PM AEDT

Location	Rm 3020, Level 3, The University of Sydney Business School, Abercrombie Building H70, Darlington NSW 2006
Delivery	Hybrid (Face-to-face & Online) Link: https://uni-sydney.zoom.us/j/86215156628?from=addon
Conveners	Associate Professor Veronica Matthews, University of Sydney Associate Professor Geoff Morgan, University of Sydney
Session Description	We will have one keynote presentation on the devastating impact of gas developments and how Indigenous Peoples are leading the battle with suggestions on how health professionals and educators can respond to calls for support. This will be followed by short 5 minute presentations from NSW hub members on their work and opportunities to collaborate and a discussion on the focus of the NSW hub for 2025.

3:00 PM - 3:15 PM AEDT	<u>Welcome & Introduction</u> Assoc Prof Veronica Matthews & Assoc Prof Geoff Morgan, University of Sydney
3:15 PM - 3:35 PM AEDT	<u>Keynote Speaker</u>
3:15 PM - 3:35 PM AEDT	Prof Melissa Haswell, University of Sydney <i>Indigenous Peoples leading the battle of our lives against gas developments that harm Australia's health, environment, and climate</i>
3:35 PM - 3:45 PM AEDT	Q&A
3:45 PM - 4:30 PM AEDT	<u>Presentations from NSW Hub Members & Discussion</u> NSW Hub Members <i>Short presentations showcasing current work and opportunities for collaboration</i>
4:30 PM - 5:00 PM AEDT	<u>Discussion on the Focus of the NSW Hub for 2025</u> Assoc Prof Veronica Matthews & Assoc Prof Geoff Morgan, University of Sydney
5:00 PM - 5:30 PM AEDT	Canapes & Networking
5:30 PM AEDT	NSW session end

Regional Hub Sessions – Tuesday 26 November 2024

AUSTRALIAN CAPITAL TERRITORY

9:00 AM – 1:30 PM AEDT

Location	Peninsula Room, National Museum of Australia ACT 2600
Delivery	Face-to-face
Conveners	Professor Sotiris Vardoulakis, HEAL Director, University of Canberra Dr Ro McFarlane, HEAL Global Research Centre, University of Canberra Dr Peter Tait, Australian National University & Public Health Association of Australia (PHAA)
Session Description	<p>HEAL ACT’s 2024 Conference Session will facilitate discussion of leading health, environmental and climate adaptation challenges that we face in the ACT, and across Australia. It will also enable researchers, policy makers and community actors to identify evidence gaps and shape solutions. After an opening address, the panel will present issues of priority and concern from their relevant sectors, including the needs of vulnerable groups in response to current climate challenges and into the future of 2045. Three breakout discussion groups involving all participants will explore challenges and solutions around the following themes: Knowledge gaps in climate and health adaptation in ACT; Climate and health action that addresses the needs of vulnerable groups; Working with Nature, maintaining and strengthening the health and social system.</p> <p>This Conference is part of the national HEAL 2024 Conference: Healing Country for a Sustainable Future for Everyone, with online components that follow this face-to-face ACT event. The outcomes of this and previous ACT Community of Practice meetings are being consolidated into a report.</p>

9:00 AM - 9:20 AM AEDT	<u>Arrival & Registration</u> (Coffee and tea available)
9:20 AM - 9:30 AM AEDT	<u>Welcome</u>
	<p>Acknowledgement of Country Mr Wally Bell, Buru Ngunnawal Aboriginal Corporation</p> <p>Welcome Message Prof Rachel Davey, Director of University of Canberra Health Research Institute</p>
9:30 AM - 9:40 AM AEDT	<u>Opening Address</u> Rachel Stephen-Smith MLA, Minister for Health, Minister for Mental Health, Minister for Finance, and Minister for the Public Service
9:40 AM - 9:50 AM AEDT	<u>ACT Community of Practice Update, Agenda & Expectations</u> Prof Sotiris Vardoulakis, Director HEAL National Research Network, University of Canberra
9:50 AM - 11:00 AM AEDT	<u>Adaptation to Climate Change Keynote & Panel Discussion</u> Moderated by Dr Ro McFarlane, HEAL Global Research Centre, University of

Canberra	
	<p>Prof Sarah Kirkpatrick, Fenner School, The Australian National University & Deputy Director Comms and Outreach, ARC Centre of Excellence for 21st Century Weather</p> <p>Geoffrey Rutledge, Deputy Director-General for Environment, Water and Emissions Reduction, Environment, Planning and Sustainable Development Directorate, ACT Government Environment, Planning and Sustainable Development Directorate</p> <p>Julie Tongs OAM, CEO Winnunga Nimmitjiah (Strong Health) Aboriginal Health and Community Services</p> <p style="text-align: center;">Dr Devin Bowles, CEO ACT Council of Social Service</p> <p style="text-align: center;">Dr Michelle Moscova, Director Health ANSWERS</p>
	<p style="text-align: center;">Panel Discussion</p> <p style="text-align: center;">What are the key climate, environment and health adaptation priorities and opportunities for action in ACT (within the sector that you represent)?</p> <p style="text-align: center;">What are the key evidence gaps, barriers and enablers for effective adaptation for at-risk groups in ACT (within the sector that you represent)?</p>
11:00 AM - 12:00 PM AEDT	<u>Adapting in the ACT for the Climate of 2045: Leaving no-one behind</u> Breakout groups
	<p style="text-align: center;">Group 1 Knowledge gaps in climate and health adaptation in ACT facilitated by Lachlan Puzey and Emma Spicer, Population Health Division, ACT Health</p> <p style="text-align: center;">Group 2 Climate and health action that addresses the needs of vulnerable groups facilitated by Dr Devin Bowles and Jana Farook, ACT Council of Social Service</p> <p style="text-align: center;">Group 3 City and nature, maintaining and strengthening the health and social system facilitated by Perry Wiles, Adaptation and Resilience Policy, Environment, Planning and Sustainable Development Directorate</p>
12:00 PM - 12:30 PM AEDT	<u>Reporting of Breakout Group Discussions</u>
12:30 PM - 12:40 PM AEDT	<u>Conclusions & Next Steps</u>
12:40 PM - 1:30 PM AEDT	Lunch & Networking
1:30 PM AEDT	ACT session end

Regional Hub Sessions – February 2025

VICTORIA
TIMES TBC

Location	TBC
Delivery	Face-to-face TBC
Conveners	Professor Rebecca Bentley, University of Melbourne Alex Flynn, University of Melbourne Maria Gatto, University of Melbourne
Session Description	TBA

	<u>Welcome</u> Prof Rebecca Bentley, University of Melbourne
	<i>Program details TBC in the new year</i>
	VIC session end

Regional Hub Sessions – Friday 22 November 2024

TASMANIA

10:00 AM – 3:30 PM AEDT

Location	Ross, TAS (please contact conveners for detailed information)
Delivery	Face-to-face
Conveners	Professor Fay Johnston, Menzies Institute for Medical Research, University of Tasmania Professor David Bowman, School of Natural Sciences, University of Tasmania
Session Description	Staying sane on the climate front line: Practical ways for climate change and allied professionals to sustain themselves. The objective of this session is to provide attendees with practical strategies and actions to understand, manage and cope with climate anxiety and grief.

10:00 AM - 11:00 AM AEDT	<u>Welcome, Introduction & Scene Setting</u>
	Julian von Bibra Prof David Bowman, School of Natural Sciences, University of Tasmania Steve Willing, Growth in Mind
11:00 AM - 12:30 PM AEDT	<u>Workshop 1 (choice of one workshop)</u>
12:30 PM - 1:45 PM AEDT	Lunch & Networking
1:45 AM - 3:15 PM AEDT	<u>Workshop 2 (choice of one workshop)</u>
3:15 PM - 3:30 PM AEDT	<u>Wrap-up</u> Prof Fay Johnston, Menzies Institute for Medical Research, University of Tasmania
3:30 PM AEDT	TAS session end

Regional Hub Sessions – Friday 14 February 2025

SOUTH AUSTRALIA
9:00 AM – 12:00 PM ACDT

Location	PH2- 10a, Pridham Hall, 211/213 Hindley St, Adelaide SA 5000
Delivery	Face-to-face (Hybrid TBC)
Conveners	Professor Craig Williams, University of South Australia Christie Byrne, University of South Australia
Session Description	<i>Securing human health in a growing Adelaide: research needs for policy advancement.</i> In this event we hope to bring together our network of researchers, policy makers and practitioners to share knowledge and challenge our ideas on how best to grow our city where positive human health outcomes are delivered as an extension of healthy environments.

	Welcome Prof Craig Williams, University of South Australia
	<i>Program details TBC in the new year</i>
	SA session end

Regional Hub Sessions – Wednesday 30 October 2024

WESTERN AUSTRALIA

4:30 PM – 6:00PM AWST

Location	Online
Delivery	Online
Conveners	Associate Professor Brad Farrant, The Kids Research Institute Jaime Yallup, Climate Justice Union
Session Description	<p><i>WA Public Health Plans - What's the Deal?</i> Your postcode has quite an influence on your physical, social and emotional well being. As climate impacts increase, more families will struggle to afford food, healthcare and housing. As we experience more compounding and cascading extreme events the health of our communities will increasingly be negatively impacted. There is much that can be done at a local government level to enhance public health and wellbeing and prevent harm. This is where Part 5 of the Public Health Act comes in. To assist local governments with developing their local public health plans, the Chief Health Officer has released the draft objectives and priorities for the upcoming State Public Health Plan. The draft objectives and policy priorities serve as a strategic framework. Public health plans should be tailored to reflect the health and wellbeing needs of local area and community. This event is a chance for us to not only hear from people working on the development of these plans and guidelines, but also for us to begin to collectively identify gaps, risks, and opportunities, to help influence this policy reform to ensure good outcomes for the organisations and communities for whom the plans are intended. There will be an opportunity during the event to network, share priorities and ask questions.</p>

4:30 PM - 4:35 PM AWST	<u>Welcome</u>
4:35 PM - 6:00 PM AWST	<u>Invited Speakers</u>
	<p>Revlé Bangor-Jones, Deputy Chief Health Officer <i>What is Part 5 of the Public Health Act and what is the process for public health planning from here?</i></p> <p>Hannah Godsave, Policy Manager Community, WA Local Government Association <i>WALGA's role in public health planning</i></p> <p>Naomi McCrae, Secretary Health Services Union <i>Health as a driver of political participation and preferences: Implications for policy makers and political actors</i></p> <p>Naomi Godden, Previous Augusta Margaret River Shire Councillor <i>Public health policy development from a regional shire perspective - Challenges and opportunities</i></p>
6:00 PM AWST	WA session end

Regional Hub Sessions – Tuesday 26 November 2024

NORTHERN TERRITORY

9:00 AM – 11:00 AM ACST

Location	Online
Delivery	Online
	<u>Link:</u> https://charlesdarwinuni.zoom.us/j/86989555462?pwd=Wh5aCbd7au0vhVS8dPGllmxKJmik25.1
	<u>Password:</u> 2024
Conveners	Professor Alan Cass, Menzies School of Health Research Associate Professor Linda Payi Ford, Charles Darwin University Dr Supriya Mathew, Menzies School of Health Research Dr Manoj Bhatta, Menzies School of Health Research Dr Rishu Thakur, Menzies School of Health Research Sharna Motlap, Charles Darwin University
Session Description	To provide an update of NT-based stakeholder activities and research priorities on climate change and health.

9:00 AM - 9:10 AM ACST	<u>Welcome & Acknowledgement of Country</u> Assoc Prof Linda Payi Ford, Charles Darwin University
9:10 AM - 10:25 AM ACST	<u>Invited Talks</u>
9:10 AM - 9:25 AM ACST	Maja VanBruggen, Director Sustainability Action, NT Health <i>Sneak preview of the NT Health Sustainability and Climate Resilience Strategy 2030 and Road Map to 2027</i>
9:25 AM - 9:40 AM ACST	Emily Raso, Chief Executive Officer, Landcare NT <i>From the ground up: The ecosystem of community led Landcare</i>
9:40 AM - 9:55 AM ACST	Jade Ritchie, General Manager of Tellus <i>Three-eyed Fish - The impact of hazardous waste on Country</i>
9:55 AM - 10:10 AM ACST	Dr Mark De Souza, Emergency physician, Royal Darwin Hospital, NT <i>Healthy patients, workforce and environment: 3-year update of Royal Darwin Hospital's biodiversity corridors</i>
10:10 AM - 10:25 AM ACST	Ned Bible, Climate Justice Project Officer, Climate Justice Alliance NT <i>Climate Justice in the Northern Territory: Possibilities and impossibilities</i>
10:25 AM - 10:40 AM ACST	Rowena Boyd, Epidemiologist, NT Health <i>Impact of heatwaves on emergency departments in the Northern Territory</i>
10:40 AM - 11:00 AM ACST	<u>Activities for 2025</u>

	<p>Research presentations in March 2025 to demonstrate how we are tracking against research priorities identified during HEAL NT CoP sessions</p> <p>Discussions regarding having a HEAL newsletter</p> <p>Any other business</p>
11:00 AM ACST	NT session end

National Sessions –

Wednesday 27 November 2024

<p><i>12:00 PM - 12:35 PM</i> AEDT</p>	<p style="text-align: center;"><u>Welcome & Opening Plenary</u> Prof Sotiris Vardoulakis, Director of the HEAL Network & Conference Co-Chair, University of Canberra</p>
<p><i>12:00 PM - 12:10 PM</i> AEDT</p>	<p style="text-align: center;">Acknowledgment of Country Assoc Prof Linda Payi Ford, Charles Darwin University</p>
<p><i>12:10 PM - 12:15 PM</i> AEDT</p>	<p style="text-align: center;">Opening Addresses Hon Ged Kearney, Assistant Minister for Department of Health and Aged Care <i>(5 min)</i> Hon Prof Lisa Paul, Chancellor of the University of Canberra <i>(5 min)</i></p>
<p><i>12:20 PM - 12:35 PM</i> AEDT</p>	<p style="text-align: center;">HEAL Director Overview Prof Sotiris Vardoulakis, Director of the HEAL Network, University of Canberra</p>
<p><i>12:35 PM - 1:35 PM</i> AEDT</p>	<p style="text-align: center;"><u>Implementing the National Health and Climate Strategy: From Research to Policy and Practice Plenary</u> Dr Madeleine Skellern, Director of the National Health, Sustainability and Climate Unit, Department of Health and Aged Care</p>
<p><i>12:35 PM - 1:05 PM</i> AEDT</p>	<p style="text-align: center;">Invited Talks Dr Alice McGushin, Assistant Director of the National Health, Sustainability and Climate Unit, Department of Health and Aged Care <i>Interventions to reduce greenhouse gas emissions from health system waste (10 min)</i> Dr Stefanie Carino, Sustainable Healthcare Manager, Climate Health Alliance <i>Sustainability in food and catering policies in Australian public hospitals (10 min)</i> Prof Sotiris Vardoulakis, Director of the HEAL Network, University of Canberra <i>Mapping Australian Research on Climate Change and Health Interventions (10 min)</i></p>
<p><i>1:05 PM - 1:35 PM</i> AEDT</p>	<p style="text-align: center;">Panel Discussion Dr Alice McGushin, Assistant Director of the National Health, Sustainability and Climate Unit, Department of Health and Aged Care Dr Stefanie Carino, Sustainable Healthcare Manager, Climate Health Alliance</p>

	Prof Sotiris Vardoulakis, Director of the HEAL Network, University of Canberra
1:35 PM - 2:05 PM AEDT	Day 2 Lunch Break & e-Poster Viewing
2:05 PM - 3:05 PM AEDT	<u>Speaking Indigenous Research for/with/on Country</u> Assoc Prof Veronica Matthews, Conference Co-Chair & University Centre for Rural Health, University of Sydney
2:05 PM - 2:50 PM AEDT	Invited Talks Prof Naomi Sunderland, Director Creative Arts Institute, Griffith University <i>We are song (15 min)</i> Dr Kisani Upward, Djurali Centre for Aboriginal and Torres Strait Islander Health Research and Education <i>(15 min)</i> Dr Vicki Saunders, Centre for Indigenous Health Equity Research, First Nations Academy, Central Queensland University <i>(15 min)</i>
2:50 PM - 3:05 PM AEDT	Panel Discussion Dr Naomi Sunderland, Director Creative Arts Institute, Griffith University Dr Kisani Upward, Djurali Centre for Aboriginal and Torres Strait Islander Health Research and Education Dr Vicki Saunders, Centre for Indigenous Health Equity Research, First Nations Academy, Central Queensland University
3:05 PM - 3:15 PM AEDT	Day 2 Break & e-Poster Viewing
3:15 PM - 4:45 PM AEDT	<u>Concurrent Thematic Breakout Sessions A</u>

	Biosecurity & Emerging Infections	Data & Decision Support Systems	Food, Soil & Water Security	Indigenous Knowledge Systems	Rural & Remote Health	Urban Health & Built Environment
	Prof Colleen Lau & Dr Behzad Kiani, The University of Queensland & Prof Wenbiao Hu, Queensland University of Technology	Prof Kerrie Mengersen, Queensland University of Technology & Dr Ivan Hanigan, Curtin University	Prof Erica Donner & Dr Sopheak Hem, CRC SAAFE, University of South Australia & Prof Nanthi Bolan, University of Western Australia	Assoc Prof Linda Payi Ford, Charles Darwin University & Assoc Prof Veronica Matthews, University of Sydney	Rebecca McNaught, University of Sydney & Assoc Prof Supriya Mathew, Dr Rishu Thakur & Dr Manoj Bhatta, Menzies School of Health Research	Prof Rebecca Bentley, Dr Ang Li & Alex Flynn, University of Melbourne
4:45 PM - 4:55 PM AEDT	Day 2 Break & e-Poster Viewing					
4:55 PM - 5:40 PM AEDT	Environmental Health Research Translation Case Studies Assoc Prof Carmel Williams, Director Centre for HiAP Research Translation SAHMRI & University of Adelaide					
4:55 PM - 5:15 PM AEDT	<p>Case Studies</p> <p>Assoc Prof Carmel Williams, Director of the Centre for HiAP Research Translation, SAHMRI & Co-Director of the WHO Collaborating Centre for Advancing Health in All Policies <i>Context to environmental health research translation case studies (5 min)</i></p> <p>Prof Erica Donner, Research Director CRC SAAFE, University of South Australia <i>Working with partners to prevent and mitigate antimicrobial resistance: The role of research translation (8 min)</i></p> <p>Prof Geoffrey Morgan, School of Public Health & University Centre for Rural Health, University of Sydney <i>The CARDAT platform for research translation and health improvement: Urban heat island, greening, and black roofs (8 min)</i></p>					
5:16 PM - 5:40 PM AEDT	<p>Panel Discussion</p> <p>Prof Erica Donner, Research Director CRC SAAFE, University of South Australia</p> <p>Prof Geoffrey Morgan, School of Public Health & University Centre for Rural Health, University of Sydney</p>					
5:40 PM AEDT	END OF DAY 2					

Concurrent Thematic Breakout Sessions – Wednesday 27 November 2024

BIOSECURITY & EMERGING INFECTIONS IN THE CONTEXT OF ENVIRONMENTAL CHANGE

3:15 PM – 4:45 PM AEDT

Delivery	Online
Conveners	Professor Colleen Lau, The University of Queensland Dr Behzad Kiani, The University of Queensland Professor Wenbiao Hu, Queensland University of Technology
Session Description	This session delves into innovative research on infectious disease dynamics and intervention strategies in the face of climate-related and spatial challenges. Beginning with an exploration of temperature-related burdens of enteric infections, the session will progress to highlight early warning signals for disease outbreaks following recent floods, insights into the impact of spatial data aggregation on ecological modeling, and approaches to identifying dengue hotspots for targeted interventions. The session will conclude with discussions on the application of mathematical modeling for vector-borne diseases and the importance of a One Health approach to managing zoonotic infections. Attendees will have the opportunity to engage with cutting-edge findings and explore future directions for managing infectious disease risks in Australia.

3:15 PM - 3:20 PM AEDT	<u>Opening Remarks</u>
	Prof Colleen Lau, University of Queensland & Prof Wenbiao Hu, Queensland University of Technology
3:20 PM - 4:04 PM AEDT	<u>Invited Talks</u>
3:20 PM - 3:33 PM AEDT	Yohannes Tefera Damtew, The University of Adelaide <i>Temperature attributable burden of infectious diseases: A population-based study for enteric infections</i>
3:33 PM - 3:46 PM AEDT	Adriana Notaras, The Kirby Institute, University of New South Wales <i>Early warning signals of infectious disease outbreaks after a disaster event: NSW and QLD 2022 floods</i>
3:46 PM - 3:59 PM AEDT	Dr Shovanur Haque, Queensland University of Technology <i>Evaluating the impact of the modifiable areal unit problem on ecological model inference: A case study of COVID-19 data in Queensland, Australia</i>
3:59 PM - 4:04 PM AEDT	Kien Quoc Do, The University of Queensland <i>Risk assessment to identify Dengue hot spots for early interventions</i>
4:04 PM - 4:44 PM AEDT	<u>Keynote Speakers</u>
4:04 PM - 4:24 PM AEDT	Prof Emma McBryde, The University of Queensland <i>Mathematical Modeling of Vector-borne diseases</i>

<p>4:24 PM - 4:44 PM AEDT</p>	<p>Dr Suzy Ossipow, QIMR Berghofer <i>Ending the neglect – Setting the platform for strongyloidiasis elimination in Australia</i></p>
<p>4:44 PM - 4:45 PM AEDT</p>	<p><u>Concluding Remarks</u> Prof Colleen Lau, University of Queensland & Prof Wenbiao Hu, Queensland University of Technology</p>
<p>4:45 PM AEDT</p>	<p>Session end</p>

Concurrent Thematic Breakout Sessions – Wednesday 27 November 2024

DATA & DECISION SUPPORT SYSTEMS FOR ENVIRONMENTAL HEALTH APPLICATIONS

3:15 PM – 4:45 PM AEDT

Delivery	Online
Conveners	Professor Kerrie Mengersen, Queensland University of Technology Dr Ivan Hanigan, Curtin University
Session Description	The Data & Decision Support Systems (DDSS) supports data intensive work by HEAL members and in this session showcase projects that integrate health, population, climate, and environmental datasets and analytic tools.

3:15 PM - 3:20 PM AEDT	<u>Opening Remarks</u> Prof Kerrie Mengersen, Queensland University of Technology
3:20 PM - 3:50 PM AEDT	<u>Invited Talks</u>
3:20 PM - 3:35 PM AEDT	Dr Vanessa Prescott, Australian Institute of Health and Welfare <i>Climate change and environmental health reporting framework and indicators</i>
3:35 PM - 3:50 PM AEDT	Dr Karthik Gopi, HEAL Network & The University of Sydney <i>Validated model to predict high spatial resolution landscape fire smoke related PM2.5 for continental Australia, 2001 to 2020</i>
3:50 PM - 4:05 PM AEDT	Kien Quoc Do, The University of Queensland <i>Dengue early warning system: challenges and prospect</i>
4:05 PM - 4:25 PM AEDT	<u>Panel Discussion</u> Prof Kerrie Mengersen, Queensland University of Technology
4:25 PM - 4:45 PM AEDT	<u>Closing Remarks</u> Prof Kerrie Mengersen, Queensland University of Technology
4:45 PM AEDT	Session end

Concurrent Thematic Breakout Sessions – Wednesday 27 November 2024

FOOD, SOIL & WATER SAFETY AND SECURITY IN A CHANGING ENVIRONMENT
3:15 PM – 4:45 PM AEDT

Delivery	Online
Conveners	Professor Erica Donner, Research Director at CRC SAAFE, University of South Australia Professor Nanthi Bolan, Professor of Soil Science at the University of Western Australia Dr Sopheak Hem, Research Fellow at CRC SAAFE, University of South Australia
Session Description	This session will explore critical environmental challenges linked to food, soil, and water security, biodiversity, and antimicrobial resistance. Speakers will share strategies and solutions for different communities and ecosystems, focusing on: Key takeaways from IPBES on conserving biodiversity while promoting sustainable development; The Ag2050 initiative’s role in advancing sustainable agriculture to ensure food security by 2050; Community-driven advocacy for food security in remote Aboriginal and Torres Strait Islander communities; The impact of pesticides on chemical resistance and virulence genes in soil microbes and its health implications; and Risks of roof-harvested rainwater, focusing on pathogenic and resistant bacteria and water safety.

3:15 PM - 3:20 PM AEDT	<u>Welcome</u> Prof Erica Donner, Research Director at CRC SAAFE, University of South Australia
3:20 PM - 3:50 PM AEDT	<u>Keynote Speakers</u>
3:20 PM - 3:35 PM AEDT	Assoc Prof Ro McFarlane, University of Canberra <i>Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)</i>
3:35 PM - 3:50 PM AEDT	Dr Rose Roche, CSIRO Ag2050 Lead <i>Agriculture and food’s resilient farming systems (Ag2050) initiative</i>
3:50 PM - 4:25 PM AEDT	<u>Invited Talks</u>
3:50 PM - 4:00 PM AEDT	Ellie Chan, The University of Queensland & Kani Thompson, Apunipima Cape York Health Council <i>Community-led advocacy for food security in remote Aboriginal and Torres Strait Islander communities</i>
4:00 PM - 4:10 PM AEDT	Jowena Sim, The University of South Australia <i>Improving understanding of chemical resistance and virulence in soil microbial communities through pesticide-induced selection and metagenomics</i>
4:10 PM - 4:20 PM AEDT	Dr Mira Cooper-Beknazarova, University of South Australia <i>How safe is roof-harvested rainwater? An investigation of pathogenic and resistant bacteria</i>

<p>4:20 PM - 4:25 PM AEDT</p>	<p>Max Tyler, The University of Queensland <i>Synergistic effects of environmental toxins on kidney health using ensemble learning techniques</i></p>
<p>4:25 PM - 4:40 PM AEDT</p>	<p><u>Panel Discussion</u> Prof Anne Roiko, Environmental Health, Griffith University</p>
	<p>Prof Erica Donner, Research Director at CRC SAAFE, University of South Australia Assoc Prof Ro McFarlane, University of Canberra Dr Rose Roche, CSIRO Ag2050 Lead</p>
<p>4:40 PM - 4:45 PM AEDT</p>	<p><u>Closing Remarks</u> Prof Erica Donner, CRC SAAFE & University of South Australia</p>
<p>4:45 PM AEDT</p>	<p>Session end</p>

Concurrent Thematic Breakout Sessions – Wednesday 27 November 2024

ABORIGINAL & TORRES STRAIT ISLANDER HEALTH & KNOWLEDGE
TRANSLATION FOR BUILDING RESILIENCE TO ENVIRONMENTAL CHANGE
3:15 PM – 4:45 PM AEDT

Delivery	Online
Conveners	Associate Professor Linda Payi Ford, Charles Darwin University Associate Professor Veronica Matthews, University Centre for Rural Health, University of Sydney
Session Description	Distinguished researchers Prof Pat Dudgeon, Prof Alan Rosen and Dr Stewart Sutherland discuss in the face of climate change and frequent extreme weather whether the wider society is possibly catching up, and beginning to value Indigenous concerns, strengths & skills better in relation to understanding and caring for Country. This will be followed by two presentations on Aboriginal community-led story-data mapping and the importance of intergenerational transference of traditional knowledge. Presentations will be followed by a panel discussion.

3:15 PM - 3:20 PM AEDT	<u>Welcome</u> Assoc Prof Veronica Matthews, University Centre for Rural Health, University of Sydney
3:20 PM - 4:35 PM AEDT	<u>Invited Talks</u>
3:20 PM - 3:30 PM AEDT	Prof Pat Dudgeon, The University of Western Australia <i>Health and social and emotional wellbeing achievements of Aboriginal and Torres Strait Islander community during the COVID-19 pandemic era and in tackling suicidality and social determinants of mental ill-health</i>
3:30 PM - 3:40 PM AEDT	Prof Alan Rosen, The University of Sydney, The University of Wollongong & Far West LHD Mental Health Services <i>Applying traditional strengths of First Nations to overcome mental health impacts of climate change events</i>
3:40 PM - 3:50 PM AEDT	Dr Stewart Sutherland, The Australian National University <i>Indigenous peoples' spiritual connection to place, nature, environment and responsibility for Country: Practical applications</i>
3:50 PM - 4:05 PM AEDT	<u>Q&A</u> Assoc Prof Linda Payi Ford, Charles Darwin University
4:05 PM - 4:20 PM AEDT	Kris Vine, University of Sydney & Kataya Barrett, Jagun Alliance Aboriginal Corporation <i>A relational process of co-design - healing health of community and Country with Indigenous story-data mapping</i>
4:20 PM - 4:35 PM AEDT	Assoc Prof Linda Payi Ford, Charles Darwin University <i>Eden's Worldview</i>

<i>4:35 PM - 4:45 PM AEDT</i>	<u>General Q&A</u> Assoc Prof Linda Payi Ford, Charles Darwin University
<i>4:45 PM AEDT</i>	Session end

Concurrent Thematic Breakout Sessions – Wednesday 27 November 2024

RURAL & REMOTE HEALTH AND CLIMATE-RELATED DISASTERS

3:15 PM – 4:45 PM AEDT

Delivery	Online
Conveners	Rebecca McNaught, University Centre for Rural Health Associate Professor Supriya Mathew, Menzies School of Health Research Dr Rishu Thakur, Menzies School of Health Research Dr Manoj Bhatta, Menzies School of Health Research
Session Description	The session will present an overview of research projects exploring climate/disaster-related health issues and solutions for rural and remote Australians.

3:15 PM - 3:18 PM AEDT	<u>Welcome</u> Assoc Prof Supriya Mathew, Menzies School of Health Research
3:18 PM - 4:36 PM AEDT	<u>Invited Talks</u>
3:18 PM - 3:33 PM AEDT	Dr Emma Austin, University of Newcastle <i>Development of a co-designed online tool to improve drought resilience in rural Australia using available wellbeing and mental health support resources</i>
3:33 PM - 3:48 PM AEDT	Dr Manoj Bhatta, Menzies School of Health Research <i>Exploring adaptive capacity to arid heat using a vulnerability-resilience framework in very remote communities of Central Australia</i>
3:48 PM - 4:03 PM AEDT	Assoc Prof Nina Lansbury, The University of Queensland <i>Climate change, wellbeing and social housing in remote Indigenous communities</i>
4:03 PM - 4:18 PM AEDT	Rebecca Mcnaught, University Centre for Rural Health, University of Sydney <i>Disaster governance, collaboration and community organising in the Northern Rivers, NSW: Gendered experiences and contributions to community health and well-being</i>
4:18 PM - 4:33 PM AEDT	Dr Rishu Thakur, Menzies School of Health Research <i>Particulate matter and health in remote Australia</i>
4:33 PM - 4:36 PM AEDT	<u>Closing Remarks</u> Assoc Prof Supriya Mathew, Menzies School of Health Research
4:36 PM AEDT	Session end

Concurrent Thematic Breakout Sessions – Wednesday 27 November 2024

URBAN HEALTH, BUILT ENVIRONMENT & NATURE BASED SOLUTIONS

3:15 PM – 4:45 PM AEDT

Delivery	Online
Conveners	Professor Rebecca Bentley, University of Melbourne Alex Flynn, University of Melbourne Dr Ang Li, University of Melbourne
Session Description	To present different perspectives of urban health, built environment and nature-based solutions to address health disparities and promote well-being in urban communities.

3:15 PM - 3:18 PM AEDT	<u>Introduction</u> Prof Rebecca Bentley, University of Melbourne
3:18 PM - 4:33PM AEDT	<u>Invited Talks</u>
3:18 PM - 3:33 PM AEDT	Maria Rosa Gatto, University of Melbourne <i>Residential dampness/mould exposure and mental health: state of the science</i>
3:33 PM - 3:48 PM AEDT	Dr Enembe Okokon, University of Canberra <i>Do modelled and perceived residential noise exposures influence the use of psychotropic medication?</i>
3:48 PM - 4:03 PM AEDT	Dr Helen Mayfield, University of Queensland <i>Supporting lymphatic filariasis elimination by monitoring mosquitoes in the household environment</i>
4:03 PM - 4:18 PM AEDT	Prof Simon Haberle, The Australian National University <i>Outdoor airborne allergens: Characterization, behavior and monitoring in Canberra, Australia</i>
4:18 PM - 4:33 PM AEDT	Dr Emily Flies & Dr Kate Sollis, University of Tasmania <i>The nature connection project: Understanding nature connection in Australia through storytelling and a national survey</i>
4:33 PM - 4:43 PM AEDT	<u>Panel Discussion</u>
4:43 PM - 4:45 PM AEDT	<u>Conclusions</u> Prof Rebecca Bentley, University of Melbourne
4:45 PM AEDT	Session end

National Sessions –

Thursday 28 November 2024

<p><i>12:00 PM - 12:30 PM</i> AEDT</p>	<p style="text-align: center;"><u>Welcome & Opening Session</u> Assoc Prof Veronica Matthews, Conference Co-Chair & University Centre for Rural Health, University of Sydney</p>
<p><i>12:00 PM - 12:05 PM</i> AEDT</p>	<p style="text-align: center;">Acknowledgment of Country Assoc Prof Veronica Matthews, Conference Co-Chair & University Centre for Rural Health, University of Sydney</p>
<p><i>12:05 PM - 12:30 PM</i> AEDT</p>	<p style="text-align: center;">Keynote Speakers Prof Mark Howden, The Australian National University <i>(15 min)</i> Dr Vanessa Prescott, Head of the Prevention and Environmental Health Unit, AIHW <i>(10 min)</i></p>
<p><i>12:30 PM - 1:30 PM</i> AEDT</p>	<p style="text-align: center;"><u>Extreme Heat & Health Protection</u> Dr Sharon Campbell, Menzies Institute for Medical Research, University of Tasmania</p>
<p><i>12:30 PM - 1:10 PM</i> AEDT</p>	<p style="text-align: center;">Invited Talks Prof Ollie Jay, Heat and Health Research Centre, Faculty of Medicine and Health, University of Sydney <i>The impacts of extreme heat and hot weather across the human lifespan (10 min)</i> Assoc Prof Supriya Mathew, Menzies School of Health Research <i>Adapting to extreme heat in remote Australia (10 min)</i> Prof Peng Bi, School of Public Health, University of Adelaide <i>Extreme health and population health: From scientific evidence to public health action (10 min)</i> Prof Matthaios Santamouris, Anita Lawrence Chair High Performance Architecture, University of New South Wales <i>Advanced Heat Mitigation Technologies Decrease Temperatures and Protect Human Health (10 min)</i></p>
<p><i>1:10 PM - 1:30 PM</i> AEDT</p>	<p style="text-align: center;">Panel Discussion Prof Ollie Jay, Heat and Health Research Centre, Faculty of Medicine and Health, University of Sydney Assoc Prof Supriya Mathew, Menzies School of Health Research Prof Peng Bi, School of Public Health, University of Adelaide</p>

	Prof Matthaios Santamouris, Anita Lawrence Chair High Performance Architecture, University of New South Wales
1:30 PM - 1:55 PM AEDT	Day 3 Lunch Break & e-Poster Viewing
1:55 PM - 2:55 PM AEDT	<u>Building Researcher Capacity for the Triple Planetary Crisis</u> Dr Sopheak Hem, CRC SAAFE & University of South Australia
1:55 PM - 2:25 PM AEDT	<p style="text-align: center;">Invited Talks</p> <p style="text-align: center;">Dr Luise Kazda, University of Canberra <i>The HEAL EMCR Network (10 min)</i></p> <p style="text-align: center;">Dr Barbara Drigo, University of South Australia <i>Advancing careers in one health and climate change research for EMCRs (10 min)</i></p> <p style="text-align: center;">Assoc Prof Carmel Williams, Director of the Centre for HiAP Research Translation, SAHMRI & Co-Director of the WHO Collaborating Centre for Advancing Health in All Policies <i>Research impact and the role of policy and partnerships (10 min)</i></p>
2:25 PM - 2:55 PM AEDT	<p style="text-align: center;">Panel Discussion</p> <p style="text-align: center;">Dr Luise Kazda, University of Canberra</p> <p style="text-align: center;">Dr Barbara Drigo, University of South Australia</p> <p style="text-align: center;">Assoc Prof Carmel Williams, Director of the Centre for HiAP Research Translation, SAHMRI & Co-Director of the WHO Collaborating Centre for Advancing Health in All Policies</p>
2:55 PM - 3:05 PM AEDT	Day 3 Break & e-Poster Viewing
3:05 PM - 4:35 PM AEDT	<u>Concurrent Thematic Breakout Sessions B</u>

	At-risk Populations & Early Life Effects Dr Raj Keshav Paudel, University of Technology Sydney & Assoc Prof Caitlin Wyrwoll, University of Western Australia	Bushfires, Air Pollution & Extreme Weather Events Prof Fay Johnston & Dr Sharon Campbell, University of Tasmania & Assoc Prof Geoff Morgan, University of Sydney	Clean Energy Solutions for HEAL Dr Gopika Indu, Dr Dharani Saba & Prof Sotiris Varoulakis, University of Canberra	Climate Change & Mental Health & Wellbeing Assoc Prof Fiona Charlson, University Queensland, Dr Rebecca Patrick, University of Melbourne, Assoc Prof Clare Henderson-Wilson, Deakin University & Prof Luis Salvador-Carulla, University of Canberra	Health Systems Resilience & Sustainability Assoc Prof Rebecca Haddock, Australian Healthcare and Hospitals Association	Science Communication & Risk Perception Prof Iain Walker, University of Melbourne, & Prof Cordia Chu & Dr Pau Barnes, Griffith University
<i>4:35 PM - 4:45 PM AEDT</i>	Day 3 Break & e-Poster Viewing					
<i>4:45 PM - 5:15 PM AEDT</i>	Conference Awards & Way Forward Emer Prof Carmen Lawrence, University of Western Australia					
<i>4:45 PM - 5:00 PM AEDT</i>	HEAL Conference Awards Emer Prof Carmen Lawrence, University of Western Australia HEAL Innovation Fund Announcement Prof Alistair Woodward, University of Auckland					
<i>5:00 PM - 5:15 PM AEDT</i>	Conference Closing Tia Whyman, The Kids Research Institute Assoc Prof Veronica Matthews, Conference Co-Chair & University Centre for Rural Health, University of Sydney Prof Sotiris Vardoulakis, Director of the HEAL Network & Conference Co-Chair, University of Canberra					
<i>5:15 PM AEDT</i>	END OF DAY 3					

Concurrent Thematic Breakout Sessions –

Thursday 28 November 2024

AT-RISK POPULATIONS, EARLY LIFE EFFECTS & LIFE-COURSE SOLUTIONS

3:05 PM – 4:35 PM AEDT

Delivery	Online
Conveners	Dr Keshav Raj Paudel, University of Technology Sydney Associate Professor Caitlin Wyrwoll, University of Western Australia
Session Description	The thematic breakout of the HEAL theme "At-risk populations, early life effects and life-course solutions" will primarily focus on the "Impact of environmental/climate change-related exposures across the life course."

3:05 PM - 3:10 PM AEDT	<u>Welcome</u> Dr Keshav Raj Paudel, University of Technology Sydney
3:10 PM - 4:10 PM AEDT	<u>Invited Talks</u>
3:10 PM - 3:30 PM AEDT	Dr Shilpi Tewari, RMIT University <i>Empowering Vulnerable Communities through Citizen Science in Air Quality</i>
3:30 PM - 3:50 PM AEDT	Dr Mike Forrester, Deakin University <i>Sustainable Asthma Care Roadmap for Australia</i>
3:50 PM - 4:10 PM AEDT	Sabrina Guensche, University of Adelaide <i>The Impact of Heatwaves and High Temperature on Morbidity and Mortality Among Older Adults: A Systematic Review and Meta-Analysis</i>
4:10 PM - 4:35 PM AEDT	<u>Keynote Speaker</u> Dr Katherine Landwehr, Respiratory Environmental Health, Wal-yan Respiratory Research Centre, The Kids Research Institute Australia <i>Biodiesel and renewable fuel additives: Not as green as they seem</i>
4:35 PM AEDT	Session end

Concurrent Thematic Breakout Sessions –

Thursday 28 November 2024

BUSHFIRES, AIR POLLUTION, HEATWAVES & OTHER EXTREME EVENTS, AND THEIR IMPACT ON PHYSICAL, MENTAL, AND COMMUNITY HEALTH

3:05 PM – 4:35 PM AEDT

Delivery	Online
Conveners	Professor Fay Johnston, Menzies Institute for Medical Research, University of Tasmania Associate Professor Geoff Morgan, University Centre for Rural Health, University of Sydney
Session Description	This session will explore the impacts of bushfires and bushfire smoke on priority populations across Australia.

3:05 PM - 3:10 PM AEDT	<u>Introduction & Welcome</u> Prof Fay Johnston, University of Tasmania & Assoc Prof Geoff Morgan, University of Sydney
3:10 PM - 3:40 PM AEDT	<u>Air quality, asthma and Indigenous health: A snapshot of research from across Australia Keynote</u>
3:10 PM - 3:40 PM AEDT	Dr Amanda Wheeler, CSIRO Danielle Cameron, Yuibera, School of Public Health, The University of Sydney Dr Kisani Upward, Djurali Centre for Aboriginal and Torres Strait Islander Health Research and Education, Heart Research Institute
3:40 PM - 3:17 PM AEDT	<u>Invited Talks</u>
3:40 PM - 3:47 PM AEDT	Dr Sharon Campbell, Menzies Institute for Medical Research, University of Tasmania <i>Archetypes and change in wildfire risk perceptions, behaviours and intentions among adults in Tasmania, Australia</i>
3:47 PM - 3:54 PM AEDT	Dr Kimberly Brown, Health Research Institute, University of Canberra <i>Building resilience during and after bushfires: Lessons from the 2019-20 bushfires in southern NSW and the ACT</i>
3:54 PM - 4:01 PM AEDT	Dr Sylvester Dodzi Nyadanu, Curtin University <i>Heat- Acute effects of bushfire-specific fine particulate matter and its carbonaceous components on perinatal outcomes in New South Wales, Australia: A multicity cohort study</i>
4:01 PM - 4:08 PM AEDT	Joseph Van Buskirk, School of Public Health, University of Sydney <i>Exploring regional variability in mortality risk of total and bushfire-specific PM2.5</i>
4:08 PM - 4:15 PM AEDT	Dr Dwan Vilcins, The University of Queensland <i>The Environmental Measures of Bushfire smoke Exposure and Respiratory health study (EMBER)</i>
4:15PM - 4:35 PM AEDT	<u>Discussion Panel</u>

	Prof Fay Johnston, University of Tasmania & Assoc Prof Geoff Morgan, University of Sydney
4:15 PM - 4:35 PM AEDT	<p>Dr Amanda Wheeler, CSIRO</p> <p>Danielle Cameron, University of Sydney</p> <p>Dr Kisani Upward, Djurali Centre for Aboriginal and Torres Strait Islander Health Research and Education, Heart Research Institute</p> <p>Dr Sharon Campbell, Menzies Institute for Medical Research, University of Tasmania</p> <p>Dr Kimberly Brown, Health Research Institute, University of Canberra</p> <p>Dr Sylvester Dodzi Nyadanu, Curtin University</p> <p>Joseph Van Buskirk, School of Public Health, University of Sydney</p> <p>Dr Dwan Vilcins, The University of Queensland</p>
4:35 PM AEDT	Session end

Concurrent Thematic Breakout Sessions – Thursday 28 November 2024

CLEAN ENERGY SOLUTIONS FOR HEALTHY ENVIRONMENTS AND LIVES
3:05 PM – 4:35 PM AEDT

Delivery	Online
Conveners	Dr Gopika Indu, University of Canberra Dr Dharani Sabba, University of Canberra Prof Sotiris Vardoulakis, University of Canberra
Session Description	This breakout session will explore critical themes around clean energy, energy security, and household air pollution, focusing on sustainable solutions for healthier environments and communities. Participants will engage in discussions on advancing clean energy solutions and lessons learnt to reduce dependence on fossil fuels and improve energy resilience, while addressing the effects of household air pollution, especially in low-resource settings. By showcasing innovative strategies and case studies, the session aims to highlight the co-benefits of clean energy transitions for public health, environmental quality, and economic resilience.

3:05 PM - 3:10 PM AEDT	<u>Welcome</u> Prof Sotiris Vardoulakis, University of Canberra
3:10 PM - 4:10 PM AEDT	<u>Invited Talks</u>
3:10 PM - 3:20 PM AEDT	Dr Gopika Indu, University of Canberra <i>Empowering rural India: A case study on solar microgrids</i>
3:20 PM - 3:30 PM AEDT	Prof Shiva Nagendra S. M., Indian Institute of Technology Madras <i>Indoor air pollution - Energy-economics and environment nexus</i>
3:30 PM - 3:40 PM AEDT	Prof Elaine Lăwurrpa Maypilama & Dr Petra Buergelt, University of Canberra <i>Award-winning “Dharray manymakkuṅ pawaw ga gapuw” Energy efficiency project with very remote Indigenous communities: Ground-breaking features & learnings</i>
3:40 PM - 3:50 PM AEDT	Dr Thomas Longden, Urban Transformations Research Centre, Western Sydney University <i>Temperature-related energy insecurity and prepayment for energy</i>
3:50 PM - 4:00 PM AEDT	Dr Juliet Nwachukwu, Menzies Institute for Medical Research, University of Tasmania <i>Co-designing interventions to reduce wood heater smoke in Mount Barker</i>
4:00 PM - 4:30 PM AEDT	<u>Panel Discussion & Q&A</u> Prof Sotiris Vardoulakis, University of Canberra
	Dr Gopika Indu, University of Canberra Prof Shiva Nagendra S. M., Indian Institute of Technology Madras Prof Elaine Lăwurrpa Maypilama & Dr Petra Buergelt, University of Canberra Dr Thomas Longden, Urban Transformations Research Centre, Western Sydney

	<p>University</p> <p>Dr Juliet Nwachukwu, Menzies Institute for Medical Research, University of Tasmania</p>
<p><i>4:30 PM - 4:35 PM</i> <i>AEDT</i></p>	<p><u>Closing Remarks</u></p> <p>Prof Sotiris Vardoulakis, University of Canberra & Prof Shiva Nagendra S. M., Indian Institute of Technology Madras</p>
<p><i>4:35 PM AEDT</i></p>	<p>Session end</p>

Concurrent Thematic Breakout Sessions – Thursday 16 November 2023

CLIMATE CHANGE & MENTAL HEALTH & WELLBEING

3:05 PM – 4:35 PM AEDT

Delivery	Online
Conveners	Associate Professor Fiona Charlson, The University of Queensland Dr Rebecca Patrick, The University of Melbourne Assoc Prof Claire Henderson-Wilson, Deakin University Prof Luis Salvador-Carulla, University of Canberra
Session Description	This session will provide an update on the rapidly evolving field of climate change and mental wellbeing. There will be an overview of what has been a busy year for Australian and regional communities of practice. This will be followed by a series of presentations of new research findings, including trauma in flood-impacted communities and policy considerations for young people. There will be an opportunity to connect with other researchers and hear about future plans for the field.

3:05 PM - 3:10 PM AEDT	<u>Welcome</u> Assoc Prof Fiona Charlson, The University of Queensland
3:10 PM - 4:25 PM AEDT	<u>Invited Talks</u>
3:10 PM - 3:20 PM AEDT	Assoc Prof Amy Lykins, University of New England <i>Climate change anxiety positively predicts antenatal distress in expectant female parents</i>
3:20 PM - 3:30 PM AEDT	Dr Benjamin Vu, University of Canberra <i>Effects of weather extremes on mental illness: Newfound evidence from Australia</i>
3:30 PM - 3:40 PM AEDT	Nur Iziatul Athirah M Daud, National University of Malaysia <i>Framework analysis for youth mental health educational intervention package within academic institutional in Malaysia: A narrative review</i>
3:40 PM - 3:50 PM AEDT	Dr Lucas Hertzog, Curtin University <i>Heat anomalies and suicide in Australia: A time-series regression analysis (2000-2019)</i>
3:50 PM - 4:00 PM AEDT	Caillin Dunsford, The University of Sydney <i>Lived experiences of solastalgia in Viet Nam: A community perspective</i>
4:00 PM - 4:10 PM AEDT	Karen Grant, Outdoor Counselling <i>Living a good life knowing what we know. A Practice Insight</i>
4:10 PM - 4:20 PM AEDT	Eryn Wright, The University of Queensland <i>Simulating the effects of extreme weather events and natural disasters on the social and emotional wellbeing of a rural Queensland community</i>
4:20 PM - 4:35 PM AEDT	<u>Closing Remarks</u> Assoc Prof Fiona Charlson, The University of Queensland

4:35 PM AEDT

Session end

Concurrent Thematic Breakout Sessions – Thursday 28 November 2024

HEALTH SYSTEM RESILIENCE TO CLIMATE CHANGE & SUSTAINABILITY

3:05 PM – 4:35 PM AEDT

Delivery	Online
Conveners	Associate Professor Rebecca Haddock, Australian Healthcare and Hospitals Association
Session Description	<i>Moving forward to sustainable health systems.</i> An exciting and inspiring program on the path forward covering carbon health literacy, respiratory inhalers and health system preparedness. Followed by talks from national and international leaders on Australian government and WHO actions for sustainable, resilient health systems

3:05 PM - 3:10 PM AEDT	<u>Welcome & Acknowledgement of Country</u> Prof Alex Barratt, University of Sydney & Assoc Prof Rebecca Haddock, Australian Healthcare and Hospitals Association
3:10 PM - 3:40 PM AEDT	<u>Invited Talks</u>
3:10 PM - 3:20 PM AEDT	Michelle Lynch, The University of Sydney <i>Australian and Canadian clinicians' views and application of 'carbon health literacy': A qualitative study</i>
3:20 PM - 3:30 PM AEDT	Dr Michael Loftus, Monash University <i>Comparability of efficacy and safety of medications delivered by different inhalers for asthma and COPD: A systematic review and meta-analysis</i>
3:30 PM - 3:40 PM AEDT	Prof Jeffrey Braithwaite & K-lynn Smith, Australian Institute of Health Innovation <i>How will health systems cope with the effects of climate change? An assessment of their capacities and preparedness</i>
3:40 PM - 4:30 PM AEDT	<u>Keynote Speakers</u>
3:40 PM - 4:05 PM AEDT	Dr Alice McGushin, National Health, Sustainability and Climate Unit <i>Australia's first National Health and Climate Strategy: One year on</i>
4:05 PM - 4:30 PM AEDT	Adj Prof Carlos Corvalan <i>Indicators to measure the climate resilience and sustainability of health systems</i>
4:30 PM - 4:35 PM AEDT	<u>Q&A & Closing Remarks</u> Prof Alex Barratt, University of Sydney & Assoc Prof Rebecca Haddock, Australian Healthcare and Hospitals Association
4:35 PM AEDT	Session end

Concurrent Thematic Breakout Sessions – Thursday 28 November 2024

SCIENCE COMMUNICATION, CITIZEN SCIENCE, & RISK PERCEPTION

3:05 PM – 4:35 PM AEDT

Delivery	Online
Conveners	Professor Iain Walker, The University of Melbourne Professor Cordia Chu, Griffith University Dr Paul Barnes, Griffith University
Session Description	TBA.

3:05 PM - 3:10 PM AEDT	<u>Welcome</u> Prof Iain Walker, The University of Melbourne
3:10 PM - 3:50 PM AEDT	<u>Invited Talks</u>
3:10 PM - 3:20 PM AEDT	Prof Ullrich Ecker, University of Western Australia <i>Black summer arson—Testing the impact of climate misinformation and corrections on reasoning</i>
3:20 PM - 3:30 PM AEDT	Dr Yonatal Tefera, Centre For Health In All Policies Research Translation <i>Strengthening research translation within the HEAL Network: Preliminary findings and insights</i>
3:30 PM - 3:40 PM AEDT	Robyn Boonen, The University of Melbourne <i>Exploring the influence of emotional communication framing on public acceptance of synthetic biology technology</i>
3:40 PM - 3:50 PM AEDT	Speaker TBC
3:50 PM - 4:20 PM AEDT	<u>Panel Discussion & Q&A</u> Prof Iain Walker, University of Melbourne & Prof Cordia Chu, Griffith University
4:20 PM - 4:35 PM AEDT	<u>Closing Remarks</u> Prof Cordia Chu, Griffith University
4:35 PM AEDT	Session end



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