

# SUNDAY, DEC 3

# HEALTH/RELIEF, RECOVERY

# AND PEACE

Day lead: Angie Bone

COP28 will host the first Health Day and climate-health ministerial that aims to build consensus on priority actions for the health system's response to climate change, paired with financing commitments for implementation. Relief, Recovery, and Peace Day will focus on accelerating adaptation, preventing and addressing loss and damage, including in fragile and conflict-affected contexts, which face severe barriers to accessing climate finance and strengthening climate action.

## PROGRAM SCHEDULE

9 - 10AM

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### **Limits to human survivability with extreme heat and humidity**

*Event type: Presentation*

#### **About the event:**

The upper limits of human survivability due to heat stress, traditionally defined as a critical wet-bulb temperature of 35°C, have been forecasted in some regions of the world with climate change. New research shows that when accounting for physiological restrictions to thermoregulation, death due to heatstroke and/or cardiovascular collapse will almost certainly occur at lower wet-bulb temperatures. Geographical regions potentially affected by lethal heat and humidity with climate change will therefore be more widespread.

This event aims to highlight these findings as a driver for increased ambition for both mitigation and adaptation.

#### **Speaker/Hosts:**

- **Ollie Jay** - Professor of Heat and Health and Director of the Heat and Health Research Incubator and Thermal Ergonomics Laboratory, University of Sydney
- **Andrew Forrest** - Chairman and Founder Fortescue Metals Group, Fortescue Future Industries, Munderoo Foundation and Tattarang Group
- **Angie Bone** - Associate Professor (Practice), Planetary Health, Monash Sustainable Development Institute, Monash University (Moderator)

#### **Organisers/Co-Hosts:**

University of Sydney

10.30 - 11.30AM

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### **Plugging the Healthcare Workforce Brain Drain for Climate Adaptation**

*Event type: Workshop/World Cafe*

#### **About the event:**

This workshop adopts the World Cafe style to discuss the issues linked to healthcare workforce migration amidst the backdrop of climate change. The primary objective is to cultivate awareness, encourage discussion, explore mitigation strategies, facilitate collaboration, and empower participants to enact change. The overarching goal is to instigate positive transformation within healthcare systems, reinforcing their resilience in confronting the challenges posed by climate change.

#### **Speakers/Hosts:**

- Dr Kimberly Humphrey, MBBS MPHTM GradDipEMDM GradCertClinEd FACEM AFRACMA CHIA; Doctors for the Environment Australia, 2022-2023 Fellow in Climate Change and Human Health at Harvard University
- Dr Rupa Patel, MD, MPH - Research Associate Professor of Medicine (Voluntary), Division of Infectious Diseases, Washington University in St. Louis; PrEP Implementation Advisor, WHO, Scientific Advisor, Medicines Patent Pool (UN affiliate), Former Director, CDC Midwest Technical Center for HIV Prevention
- Dr Ramon Lorenzo Luis Rosa Guinto, MD DrPH; Associate Professor of the Practice of Global Public Health; Inaugural Director, Planetary and Global Health Program; St. Luke's Medical Center College of Medicine - William H. Quasha Memorial, Philippines
- Zerina Tomkins - Associate Professor Nursing and Midwifery Monash University (Moderator)

**Organisation Co-Hosts:** Alliance of Nurses for Healthy Environments, Doctors for the Environment Australia, Monash University

12 - 1PM

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### **Nurturing the Future: Maternal and Child Health in a Changing Climate**

*Event type: Panel*

#### **About the event:**

In this 60-minute event we delve into the nexus of climate change and maternal and child health. Participants will gain insight into the challenges and solutions, empowering them to take collective action for a sustainable and resilient future, ensuring the well-being of mothers and children in a changing climate.

#### **Speakers/Hosts:**

- Ashish Barua - Helvetas Swiss Intercooperation (Bangladesh)
- Katie Huffling - Alliance of Nurses for Healthy Environments
- Cecilia Sorensen - Global Consortium on Climate and Health Education, Columbia University
- Zerina Tomkins - Associate Professor Nursing and Midwifery Monash University (Moderator)

**Organisation (Co)Hosts:**

Helvetas Swiss Intercooperation, Alliance of Nurses for Healthy Environments, Global Consortium on Climate and Health Education, Columbia University, Monash University

1.30 - 2.30PM

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**Digital Health Solutions for Climate Change Resilience: Adapting and Mitigating the Impact**

*Event type: Panel Audience Discussion/World cafe*

**About the event:**

"Digital Health Solutions for Climate Change Resilience: Adapting and Mitigating the Impact" is focused on the intersection of digital health and climate change, aims to heighten awareness, ignite discussions, inspire innovation, and facilitate collaboration among participants and experts. It offers a platform for structured dialogue and engagement, addressing vital questions surrounding environmentally sustainable digital health solutions for climate resilience.

**Speakers/Hosts:**

- **Stefan Wheat** - MD, University of Washington, School of Medicine
- **Victor Anthony Lopez-Carmen** - Harvard Medical School
- **Suman Pant** - Nepal Health Research Council
- **Gabriela Fernando** - Monash Malaysia
- **Zerina Tomkins** - Associate Professor Nursing and Midwifery Monash University (Moderator)

**Organisation Co-Hosts:**

Monash University, University of Washington, Harvard Medical School, Nepal Health Research Council

3 - 4PM

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**Empowering communities for wellbeing and disaster resilience**

*Event type: Film, Presentation & discussion*

**About the event:**

Communities are experts in their own lived experience and in ways to improve and sustain their health and wellbeing in and out of times of crisis. This event will explore the value and challenges of community led approaches to wellbeing and disaster resilience, and how governments, academics and industry can help and not hinder these processes.

**Speakers/Hosts:**

- **Tristan Kennedy** - Pro Vice-Chancellor (Indigenous), Monash University (Moderator)
- **Briony Rogers** - Chief Executive Officer of Fire to Flourish program, Monash Sustainable Development Institute, Monash University (pre-recorded film)
- **Eka Permanasari** - Associate Professor Urban design, Architecture, and Southeast Asian Studies, Monash University, Indonesia
- **Cara Cook** - Director of Programs, Alliance of Nurses for a Healthy Environment
- **Janine Mohamed** - Chief Executive Officer, Lowitja Institute

**Organisation Co-Hosts:** Monash University

4.30 - 5.30PM

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### **Revitalising Informal Settlements and their Environments (RISE)**

*Event type: Presentation*

#### **About the event:**

RISE is a transdisciplinary research program with a vision to improve the health and wellbeing of residents of urban informal settlements across the developing world. RISE is trialling a water-sensitive approach to water and sanitation management in informal settlements in Makassar, Indonesia and Suva, Fiji.

Working with communities, governments, local leaders and partners, RISE is co-designing site-specific solutions that combine engineering with nature-based technologies, to deliver water and sanitation services, improve climate resilience, and transform the health and wellbeing of the communities.

With the first-ever rigorous evidence of effectiveness in hand, the long-term ambition is to expand the approach across the Asia-Pacific and the world, to give millions the opportunity to live healthier and safer lives.

#### **Speakers/Hosts:**

- **Tony Wong** - Professor of Sustainable Development, Monash University, and Director of Upscaling, Revitalising Informal Settlements and their Environments (RISE)
- **Mere Nualumatua** – Senior Engagement Specialist (Urban Planning), Monash University, RISE Fiji
- **Ruzka Taruc** – Chief Investigator and Assessment Project Manager, Universitas Hasanuddin, RISE Indonesia

**Organisation Co-Hosts:** Monash University

FROM 5.30PM

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### **RISE and friends**

*Event type: Networking*

#### **About the event:**

Following the Revitalising Informal Settlements and their Environments (RISE) panel presentation, this networking event will convene collaborators in international research and development practice. The event is an opportunity to meet some of the RISE team and key delivery partners, as well as others working to enhance water and sanitation, climate resilience and community wellbeing through nature-based solutions in urban informal settlements. Join us over light refreshments to share ideas and solutions for responding to the unique challenges that informal settlement communities face in the context of a changing climate.

#### **Speakers/Hosts:**

- Tony Wong - Professor of Sustainable Development, Monash University, and Director of Upscaling, Revitalising Informal Settlements and their Environments (RISE)

**Organisation Co-Hosts:** Monash University