

# Wednesday 9th July morning program

8:00

Registration - Foyer

9:00

Welcome to Country - Torquay Room

9:30

First Plenary - Isaya Kisekka - Torquay Room

## Concurrent Sessions 1

### Predicting & planning for drought Torquay Room

### Resilient landscapes 1 Anglesea Room

- 10:10** **Neal Hughes**  
Monitoring agricultural and economic drought: the Australian Agricultural Drought Indicators (AADI)
- 10:25** **John Pickering and Sam Moore:**  
Land Connected: A behavioural science approach to improving drought resilience in regional communities
- 10:40** **Peter Hayman and Barry Mudge**  
Planning for drought with imperfect predictions, imperfect communication and imperfect decision makers
- 10:55** **Yizhi Li, Siyuan Tian, Albert van Dijk, Luigi Renzullo, Barry Croke and Anthony Jakeman**  
Probabilistic early warning of drought-induced vegetation deterioration risks using seasonal soil moisture forecasts for agricultural regions of southeast Australia

- Julian Hill**  
Sustainable green dams: improved water management on Gippsland farms
- Berenice Della Porta, Caixian Tang, Jim Radford, Alex Maisey and Jen Wood**  
Advancing our understanding of soil health through microbial trait-based ecology
- Marcus Hardie**  
The dark art of soil physics and what it can do for drought resilience
- Ben Gawne**  
Aquatic ecosystems: a cavalcade of threats and drought

11:10

Morning Tea - Foyer

## Concurrent Sessions 2

### Resilient communities 1 Torquay Room

### Lessons from the past 1 Anglesea Room

- 11:40** **Alison Kennedy, Amity Latham, Joanna Macdonald, Claire McKay, Jessie Adams, Samantha Kaspers, Jacquie Cotton and Susan Brumby**  
Presentation title is: Best practice approaches to building resilience in agriculture-dependent communities: recommendations informed by a review of the evidence. (NCFH presentation 1/4)
- 11:55** **Ash Gopal**  
From Cyclones to Drought: Adapting communication for drought resilience in Fiji
- 12:10** **Ruth Nettle, Kaitlyn Height, Robert Faggian, Madeleine Johnson, Monique Marais and Andre Vikas**  
Participatory approaches to support adaptation for drought resilience in vegetable production
- 12:25** **Daniel Tsegai and Birgyu Lamizana-Diallo**  
Transforming Water Scarcity into Prosperity Pathways: The role of International Drought Resilience Observatory
- 12:40** **Jana-Axinja Paschen**  
Beyond droughts, fires, and flooding rains: the transformative potential of community-led resilience processes
- 12:55** **Alison Kennedy, Richard Gray, Martin Jones, Anna Greene, Lauren Mitchell, Feby Savira, Kelly Barnes and Susan Brumby**  
Back on Track: A peer-guided approach to improving mental health in farming communities. (NCFH presentation 2/4)
- Chloe Fletcher, Dale Woolford, John Gladigau and Kate Gunn**  
Increasing the frequency of conversations about mental health and improved engagement in wellbeing-promoting activities in an Australian farming community: the 'Vocal Locals' social network campaign
- Hameer Jhiknaria and Pallavi Goswami**  
Spatio-temporal assessment of agricultural drought vulnerability in Australia
- Alec Zuo, Sarah Wheeler and Jiaqi Fan**  
The economic impact of drought on agriculture: Australian studies on farm financial performance and farm exit
- James Malcher, David Robertson, Calen Holt and Rebecca Lester**  
Thirty years of irrigated crop composition change: Analysing multi-decade trends in Australia's Southern Murray-Darling Basin
- David Fleming-Munoz, Tim Capon and Ernesto Valenzuela**  
The Costs of Drought in Australia: A Regional Evaluation of Economic Impacts Using Time Series Analysis and a Synthetic Control Methodology
- Rachel May**  
De-risking the seeding program. Adoption of key management practices for the success of dry and early sown crops

# Wednesday 9th July afternoon program

1:10

## Lunch - Foyer

### Concurrent Sessions 3

#### Resilient technologies & practices 1 Torquay Room

- 14:10 **Bill Grant and Thomas Baumgartl**  
Deeper, healthier soils - Increasing drought resilience, soil depth and productivity through the use of composts, other soil amendments and strategic tillage
- 14:25 **Jon Welsh, Johanna Hansson and Andrew Dicks**  
Floating solar photo voltaic, green hydrogen and ammonia production investment analysis: An Australian irrigated cotton case study
- 14:40 **Christiane Bahlo, Rebecca Farnell, Sarah Preston and Helen Thompson**  
Improving livestock welfare and drought resilience in extensive livestock farming: uncovering opportunities using public data
- 14:55 **Ceilidh Meo**  
Noughts and Crosses: How a stacked enterprise mixed farm boosts awareness of a closed loop economy and why it matters
- 15:10 **Saeed Givehchi**  
Presenting an analog model to analyze AI applications in resilience studies against droughts caused by climate change

#### Resilient industries & economies 1 Anglesea Room

- Peter Fisher**  
Is Agricultural Drought Extension Fit for Purpose?
- Tony Randall**  
Partnerships driving collective action on industry priorities
- Tim Clune**  
The Right Decision at the Right Time - Adopting a Business Resilience Approach to Manage Drought Impacts
- Joanne Wisdom, Amir Abadi, Mary-Anne Glanzlowe, Kallista Bolton, Tanya Kilminster and Rikki Foss**  
Grassroots to Growth: The Role of Grower Groups in Advancing Climate and Drought Resilience in Australian Agriculture
- Penny Schulz**  
Containment Feeding to Boost Business Performance and Resilience

3:25

## Afternoon Tea - Foyer

4:00

**Panel: Four stages of drought: why 'uncertain times' matter in decision-making - Torquay Room**

4:30

## DRI-Net Launch - Torquay Room

4:45

## DRI-Net Poster Session, Nibbles and Drinks - Foyer

5:45

## Close

6:00  
to  
8:00

## Drought Resilience 2025 Networking Dinner - The restaurant at Waurin Ponds Estate

\*Only available to guests who purchased a ticket via Eventbrite