

# CLIMATE CHANGE FORUM FOR ENVIRONMENTAL PRACTITIONERS

6 November 2019 | Adelaide | Australia

## PROGRAM GUIDE

### Climate Change Forum: What you need to know and no one is talking about

Is your health and/or wealth at risk? Who is at most risk of heat stress? Is your future income at risk, whether it sits in a superannuation fund or in a farm or city-based business? What sectors of the economy are most at risk? What does science tell us about these various risks? What can we do about these risks, particularly at a practical level? Where in Australia and New Zealand are the people and industries likely to be adversely affected as the climate changes? What does the Actuaries Index show? How is the insurance industry going to react if we neglect scientific advice on where we build and how we build? Where does the law stand on property rights and the environment? On water rights? On climate change in general? What can be done here in Australia and New Zealand to mitigate and/or adapt to climate change?

These and many similar questions are being asked around dining room tables, at BBQs, in coffee shops, in pubs, in doctors' surgeries, in the boardrooms of the major industries – wherever we gather and turn our minds to extreme heat events, severe droughts and floods, and attempt to guess the state of the world our grandchildren will have to live in.

This conference has been organised by environmental practitioners who in their day-to-day work are asked the above questions. The practitioners running this conference are members of a specialist climate change group of the Environment Institute of Australia and New Zealand (EIANZ).

**This EIANZ group is chaired by Emeritus Professor Tor Hundloe of the University of Queensland.**

Tor Hundloe |  
Email: [t.hundloe@uq.edu.au](mailto:t.hundloe@uq.edu.au) mobile: 0412 485 691

Laura Hewitt |  
Email: [l.d.hewitt@live.com.au](mailto:l.d.hewitt@live.com.au)



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of Australia and  
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**Format:** One-day event featuring keynote speakers followed by workshop sessions, concluding with wind-up drinks and networking

**Location:** Flinders University, 182 Victoria Square, Adelaide SA 5000

**Price:** Non-member: \$150 | EIANZ Member: \$100 | EIANZ Student Member: \$20

### Tim Andrews (of Finity) on behalf of the Actuaries Institute

Topic: A discussion of the challenges in assessing changes in the risk to damage to property as a result of climate change. The Australian Actuaries Climate Index will be used to illustrate some of these challenges. The index presents objective measurements of extreme weather conditions as a guide to businesses, consultants and governments in assessing changes in the frequency of extreme conditions.

### Dr. Justine Bell-James, Law School University of Queensland

Topic: Potential legal risk, including prospective litigation against government, corporations and landholders

### Tom Davies on behalf of the Insurance Council

Topic: To what extent, and how, is the insurance industry taking climate change into account? What does this mean for environmental practitioners in their work? What specific, as opposed to general, advice should they give in specific circumstances (e.g. the location of a resort on the fore-dunes, the construction of a dam in northern Australia, planning a major cotton farm in the outback)?

### Dr. Justin Peter, Science to Services Branch, Bureau of Meteorology

Topic: Climate monitoring to inform sectors of climate risk and financial losses. The sectors include building and construction, emergency services (fire, etc.) plus others.

### Associate Professor Nick (Nicholas) Wickham, Doctors for the Environment Australia

Topic: The threats to health due to climate change: heat stress, movement of disease vectors, and much more.

### Catherine Leining, Motu Economic and Public Policy Research

Topic: Shaping New Zealand's Low-Emission Future. In June 2019 the NZ Zero Carbon Bill is scheduled to be enacted.

### Dr. Lynn Riggs, Motu Economic and Public Policy Research

Topic: To meet the New Zealand/s government for a JUST TRANSITION, Dr. Riggs is modelling the impact on the country's agriculture sector as a result of emissions trading

### Dr. Neal Hughes, ABARES

Topic: The impact of climate change on broad-acre crop and meat production.



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