

# He Kaupapa Hononga Symposium

Tuesday 16 November 2021

Hutton Theatre, Otago Museum, Dunedin & Zoom

## Programme

Time	Title	Presenter
9.00	Registration	
9.15	Welcome	Sara Walton
9.20	Green Your Scene	Jesikah Triscott
9.30	Aotearoa, flooding and climate change: Working to increase flood resilience in changing times	Emily Lane
10.30	Morning tea	
11.00	Climate adaptation in Māori communities	Shaun Awatere
12.00	In the news (or want to be)? Tips on communicating your research	Science Media Centre
1.00	Our Ocean: Bringing climate data to life	Cathy Cole
1.05	Lunch	
2.00	Rarakā kā kete: Rūnaka responses to climate change	Aukaha
3.00	Afternoon tea	
3.30	Panel Discussion: Reflections on COP26	Cathy Cole (facilitator)
4.30	Close	Sara Walton
7.00 (webinar)	Getting off a moving train: timely responses to the climate emergency	Kevin Anderson

9.20 am

**Green Your Scene.**

[Jesikah Triscott](#)

A short presentation where you can learn more about the Green Your Scene programme supporting positive change on campus.

9.30 am

**Aotearoa, flooding and climate change: Working to increase flood resilience in changing times.**

[Dr Emily Lane](#)

Dr Emily Lane is a hydrodynamic scientist with a specific focus on natural hazards. She is actively researching tsunami, storm surge and flooding inundation. She is interested in tsunamis caused by mechanisms other than earthquakes such as submarine landslides and volcanos. She is currently leading a Marsden project to better understand volcanic tsunamis by studying their mechanisms physically and numerically. She is also leading Mā te haumarū ō te wai - an Endeavour programme focussed on understanding Aotearoa's flood inundation hazard and risk at a national level and using this to improve our resilience to flooding. She has been involved in a probabilistic hazard assessment of the submarine-landslide-generated tsunamis in Cook Strait Canyon. She is a member of the Tsunami Expert Panel who provide expert advice to Civil Defence during tsunami alerts. Her background is applied mathematics and she has a PhD in applied mathematics with a geoscience minor from the University of Arizona. She has been working at NIWA since 2006.

11.00 am

**Climate adaptation in Māori communities.**

[Dr Shaun Awatere](#)

Dr Shaun Awatere is a Senior Kairangahau with Manaaki Whenua Landcare Research, and a Theme Leader with Ngā Pae o te Māramatanga, New Zealand's Māori Centre of Research Excellence. His work focuses on the incorporation of Māori values into economic decision-making for collective assets that will enable Māori organisations to make more kaupapa Māori attuned decisions. With an applied focus to his work, Shaun has been active supporting Māori to manage collective assets in a more sustainable manner, consistent with the kaupapa Māori principles of kaitiakitanga, manaakitanga and whakatipu rawa. He is currently engaged in research and policy to help prepare iwi/hapū Māori for climate change mitigation and adaptation planning.

12.00 pm

**In the news (or want to be)? Tips on communicating your research.**

[Science Media Centre](#)

The Science Media Centre presents a free public talk. Content will include:

- Understanding the media landscape, the news cycle and timing
- Anticipating what journalists want from experts / researchers
- Advice for busy researchers - making the most of opportunities
- What the SMC offers and how we can help you

The Science Media Centre is an independent source of information for the media on all issues related to science and technology. Thousands of news stories providing context from and quoting New Zealand researchers have been published as a direct result of our work. For more information, please see [sciencemediacentre.co.nz](http://sciencemediacentre.co.nz).

1.00 pm

**Our Ocean: Bringing climate data to life.**

[Dr Cathy Cole](#)

Cathy is a Lecturer in Science Communication at the University of Otago, with a background in ocean climate science. As part of a UORG grant this year she has been working with communities across Ōtepoti to bring our ocean climate crisis to the forefront through visual art. She will briefly showcase the final product - a calendar for 2022 - which will be available to purchase for \$10. All proceeds will go to two non-profit organisations working to protect our ocean through conservation and education: [Our Seas Our Future](#), and [Ocean Media Institute](#).

2.00 pm

**Rarakā kā kete: rūnaka responses to climate change.**

[Korako Edwards, Michael Bathgate \(Aukaha\)](#)

[Aukaha](#) is a not-for-profit company owned by five Kāi Tahu papatipu rūnaka – Te Rūnanga o Waihao, Te Rūnanga o Moeraki, Kāti Huirapa Rūnaka ki Puketeraki, Te Rūnanga o Ōtākou, Hokonui Rūnanga. Aukaha provides a range of services to rūnaka, whānau, the community, councils and other agencies across 3 major workstreams: Mana Taiao (Environmental and resource management), Mana Takata (Health, social services and trades training) and Mana Ahurea (Cultural and economic development).

3.30 pm

**Panel Discussion: Reflections on COP26.**

Dr Cathy Cole will facilitate a panel discussion on COP26, which is scheduled to finish the week before this symposium. The panel will include young people and early career researchers, reflecting on the key outcomes of COP26. This will be an opportunity to discuss the role of research in driving the urgent action needed to address our climate crisis.

7.00 pm - Public Lecture

**Getting off a moving train: timely responses to the climate emergency.**

[Professor Kevin Anderson](#)

As climate change increasingly exacerbates extreme weather events around the globe, so government leaders are increasingly using the language of a “climate emergency”. But look beyond the fine words, and it is quickly evident that behind the new framing of ‘net zero’, many governments, companies and institutions are planning for little more than incremental adjustments to business-as-usual. But “nature will not be fooled” by empty rhetoric, subterfuge and unsubstantiated optimism – and nor should we. The challenges we face in delivering on our Paris climate commitments beg fundamental questions of almost every facet of modern society. This presentation will seek to lay bare the sheer scale, scope and urgency of emission cuts now required to meet our Paris climate commitments – and how the Glasgow COP measured up against such demands.

Kevin is professor of Energy and Climate Change at the Universities of Manchester (UK), Uppsala (Sweden) and Bergen (Norway). Formerly director of the Tyndall Centre, he engages widely with governments and remains research active with publications in Climate policy, Nature and Science. Kevin has a decade’s industrial experience in the petrochemical industry, is a chartered engineer and fellow of the Institution of Mechanical Engineers.

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