

## What people said

"... the event was well organised and is an excellent model for people from across the community to participate and be heard and to have targeted discussion."

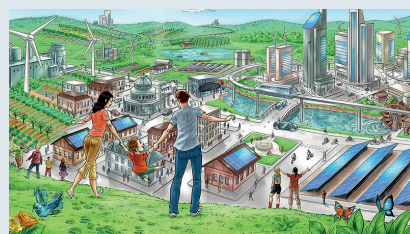
"Climate Change Institute events are always worthwhile."

"Thanks! Seems to attract a diverse range of people which makes for interesting discussions and new ideas."



### Climate change: A global science update

A full house for IPCC Co-Chair, Dr Valerie Masson-Delmotte and expert panel.



### Climate Café

A relaxed gathering of people interested in discussing ideas and questions around climate change. This year, topics varied from how societal addiction therapy can transform attitudes to climate change to why Australia's electricity system is in such a mess.



### Security and Resilience in a Damaged Climate World

Strategic Insights from the EU and Australia – part of European Climate Diplomacy Week.

## IN THE MEDIA

The media is a vital channel for communicating ANU climate research to the broader community. Climate researchers across ANU engage with media on a daily basis.

In 2017:

561

Media articles / programs featuring just a few of CCI's key contributors

30.4m

We reached an audience of 30.4 million people

\$12m

Advertising value of almost \$12 million

Here are a few examples of 2017 media coverage:



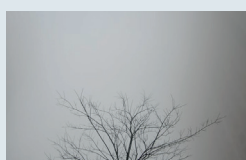
### 'A step back': Emissions rise as world economy gathers pace

Prof Frank Jotzo, Sydney Morning Herald, 13 November 2017



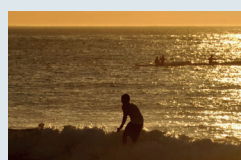
### You might think that living through a hurricane will change people's minds about global warming. Not so much."

Associate Prof Llewelyn Hughes, Washington Post, 12 September 2017



### We need to get rid of carbon in the atmosphere, not just reduce emissions

Prof Eelco Rohling, The Conversation, 20 April 2017



### 2016 crowned hottest year on record: Australia needs to get heat smart

Dr Liz Hanna, Dr Kathryn Bowen, Prof Mark Howden, The Conversation, 19 January 2017

## CONNECT WITH THE ANU CLIMATE CHANGE INSTITUTE

Visit our website at:  
[climate.anu.edu.au](http://climate.anu.edu.au)

Email us at:  
[climate@anu.edu.au](mailto:climate@anu.edu.au)

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# ANU CLIMATE HIGHLIGHTS 2017

## Message from the Climate Change Institute Director

It's very hard to escape the conclusion that our greenhouse gas emissions are causing a huge change in the functioning of the earth system – and this is impacting humans; it's impacting our environments and it's impacting our economies. This is why it's really important for ANU to engage in a very cross-disciplinary way to address these impacts and to help develop effective solutions.

The ANU Climate Change Institute (CCI) has had some great wins in 2017, especially in engaging different audiences on climate change, as you can see on the pages following. In particular, we've had some really strong engagement with Federal and ACT Government policymakers and politicians.

In 2018, we'll be focused on getting the ANU research and teaching community even more engaged on climate change. We'll be working to develop the negative emissions agenda (which encompasses ways of actively reducing the greenhouse gas emissions in the atmosphere). We're also developing a range of collaborations and large proposals to accelerate progress on climate adaptation nationally and internationally. Another priority is increasing science and policy interactions on climate change – we're already good at this at ANU, but we want to increase the effectiveness of interactions on climate change.

2018 will also see the release of the Intergovernmental Panel on Climate Change (IPCC) 1.5°C report. This report will be really critical in policy-making not just by governments, but also by industry, individuals and community groups. ANU is heavily involved in producing this report, and as an IPCC Vice-Chair, I have a key role.

In 2018, we're also holding our first ANU Climate Update, bringing together perspectives on what's happening to our climate and how we're responding. We'll be expanding this event to other cities such as Brisbane, so that we start to fill an existing communications gap – informing the public and policymakers about the key climate issues in their jurisdiction and developing practical responses to these.

If you'd like to get involved in ANU activities in relation to climate change, please get in touch via [climate@anu.edu.au](mailto:climate@anu.edu.au). This flyer gives a tiny snapshot of what we're working on – please visit <http://climate.anu.edu.au/2017-highlights> to find out more.

Prof Mark Howden  
Director of the ANU Climate Change Institute

ANU Climate Change  
Institute

Image: Kate Wall




RESEARCH HIGHLIGHTS 2017

“The CCI brings together cutting edge climate research – from fundamental climate science and its effects on our biophysical environment, to societal, economic, political, legal and technological impacts and responses.”




Here is a small sample (far from comprehensive) which demonstrates the breadth of climate change research by CCI members in 2017:




**Removing Atmospheric Greenhouse Gases, 90 CCI members**

Video at <http://bit.ly/2u2Z5oG>




**Limiting the climate impact of the Trump administration**

Dr Luke Kemp



**Melbourne & Sydney to prepare for temperatures of over 50°C**

Dr Sophie Lewis



**Working together to reduce infection in extreme weather events**


Dr Aparna Lal

EDUCATION HIGHLIGHTS

Over 50 climate courses across ANU

ANU runs over 50 undergraduate and postgraduate courses that address the multiple dimensions of climate change, from climate science to economics, law, policy and governance aspects of climate change vulnerability, adaptation and mitigation.


Master of Climate Change



**Why I study climate change – video**

“The Master of Climate Change really sets you up to work in climate change professionally – one of the best things about the degree is that you’re learning from some really influential people.”


Aaron Kirby, Master of Climate Change student



**Addressing the challenges of climate change**

“I’ve seen the problems that climate change is causing in my home country. This Masters has given me the skills and knowledge to help address many of these issues when I get back home.”

Rarawa Amberoti, Master of Climate Change graduate



**The Master of Climate Change program**

Equip yourself with the knowledge and understanding to tackle one of the world’s most vital challenges.

Tailor the degree to your interests and needs.


Climate change short professional courses for government departments

The Climate Change Institute regularly delivers short professional courses on recent advances in climate science and the social, policy, economic and governance aspects of climate change for policymakers and professionals. Our clients include government departments and commercial participants.

**What people said**

“Fantastic overview of climate change and relevance to key areas of our work including disaster, food security, water security, migration & health.”


“This was the first time I’ve experienced such a targeted professional development course run by academics.”



In 2017, CCI launched the Climate Change Institute PhD supplementary scholarship which offers \$7,500 pa for ANU PhD scholars undertaking interdisciplinary research with a cross-ANU supervisory team.

PUBLIC POLICY ENGAGEMENT


CCI members are engaged with policymakers at an international, national and state / territory level on an ongoing basis. Here are a few examples:




Hosted 6 policy roundtable discussions, attended by over 150 people



4 targeted parliamentary briefings on sea level rise



7 policy submissions on climate change




Leadership roles in the Intergovernmental Panel on Climate Change

DEVELOPING A COMMUNITY OF CLIMATE RESEARCHERS AND TEACHERS - OUR PEOPLE



251

Climate Change Institute Members



7

All 7 ANU Colleges




24

24 out of 27 ANU schools

2017

2016


60% growth in membership over 2017



“The strength of the Climate Change Institute is in the breadth of research it covers – there are hundreds of people working on climate change at ANU and I’ve had the chance to interact with other researchers via the CCI that I never would have otherwise.”


Dr Sophie Lewis, Fenner School of Environment and Society.

ANU CLIMATE EVENTS




18

CCI public lectures & Climate Cafes




1500+

Over 1500 audience members at CCI events




34

Climate related public seminars at ANU



94%

felt the event was somewhat or very relevant to them



94%

of those surveyed will tell others about the event