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Australian  
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## ANU Climate News & Events

September 2019

Dear reader

The last few months have been particularly busy for many of us who are working to address climate change.

In August, the Intergovernmental Panel on Climate Change (IPCC) released a [Special Report on climate change and land](#). The report finds that whilst land provides us with our homes, food, water and liveable environment, it's not in good shape with large areas subject to various forms of degradation and growing challenges to food security. Unfortunately, climate change will make this worse, exacerbating land degradation and putting pressure on our food, plants, animals and the communities that depend on them.

We actually have many solutions that will offer win-wins for farmers, rural communities, ecosystems and people generally. But at this stage, they aren't being used widely enough. Considering climate change in all land management decisions and scaling up both climate adaptation and emission-reduction solutions will benefit everyone.

On 25th September, the IPCC will release another Special Report. This will cover the interactions between climate change and the ocean, snow and ice-covered regions - you can hear about its implications at our [public lecture](#) with Prof Nerilie Abram on Tuesday 1st October.

Next week, the ACT Government will announce the new ACT Climate Change Strategy 2019-25 and Canberra's Living Infrastructure Plan - we'll be hosting another [public lecture](#) on 8th October to review the strategy and plan.

And on 23rd September, world leaders will converge in New York for the [UN Climate Action Summit](#) which has been convened to boost ambition and

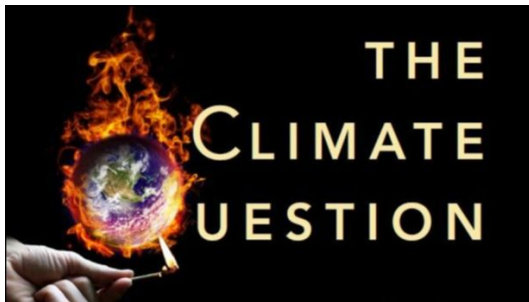
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It's in this context as well as that of the damaging fires still burning in NSW and Queensland that Australians are becoming increasingly concerned about climate change. This week, the [Climate of the Nation](#) study found that 81% of Australians are now concerned that climate change will result in more droughts and flooding. Almost two-thirds of Australians (64%) think that the country should have a national target for net-zero emissions by 2050, as the UK has done. Perhaps it would be good to be informed by the UK's positive experience with this action. We'll hear more about this at our [public lecture](#) with the Vice-Chair of the UK's Committee on Climate Change on 16th October.

Regards,

Professor Mark Howden  
Director, Climate Change Institute

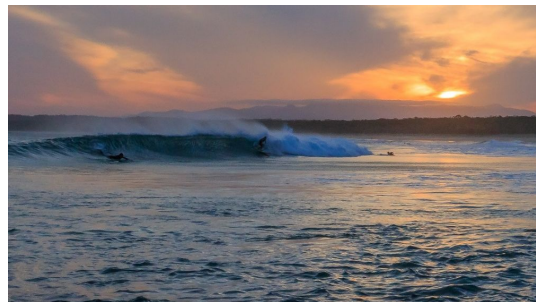
## Events



**Book launch: The Climate Question - Natural Cycles, Human Impact, Future Outlook**

Thurs 19 Sept, 5-6pm

[Read more](#)



**IPCC Special Report: Climate change, the ocean and snow & ice-covered regions**

Tues 1 Oct, 6-7.30pm

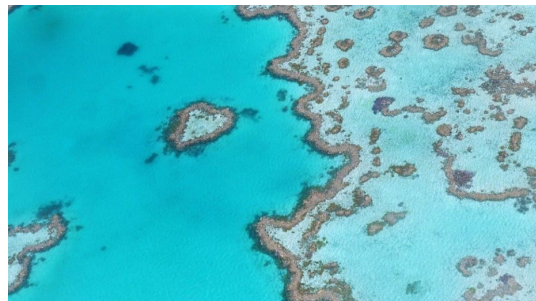
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**The ACT Government's new Climate Strategy: an overview and critique**

Tues 8 Oct, 5-7.30pm

[Read more](#)



**Will the Great Barrier Reef still exist in 2050?**

Tues 15 Oct, 6-8pm

[Read more](#)

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### Net Zero: the UK's 2050 emissions target

Wed 16 Oct, 6-7.30pm

[Read more](#)



### Save the date: ANU Energy Update and Solar Oratorion

Mon 2 Dec, 8.30am-7.40pm

[Read more](#)

## News

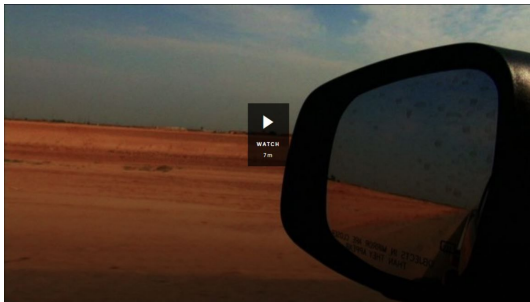


### Better land management can help fight climate change

*Prof Mark Howden, Canberra Times, 13 Aug*

A new report from the Intergovernmental Panel on Climate Change confirms the world has a double-edged sword hanging over it when it comes to climate change and land.

[Read article](#)

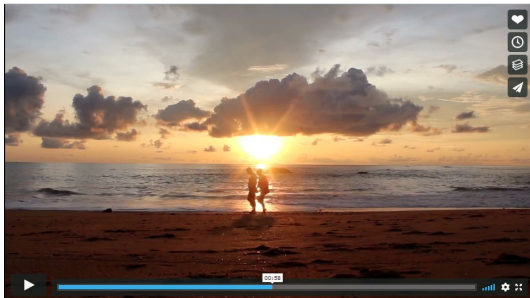


### Are changes in climate making farming unviable?

*Prof Mark Howden, ABC TV Landline, 31 Aug*

With towns running out of water, rains refusing to fall and heat records being blistered, Pip Courtney speaks to Mark Howden and asks if changes in climate are making farming unviable in some areas?

[Watch 7 minute interview](#)



### Living with climate change: short video

*"Even if we stopped emitting greenhouse gases (GHG) tomorrow, there is already so much GHG in the atmosphere that a whole lot of warming is locked in. So we must start discussions in Australia about climate change adaptation."*

ANU researchers give their perspectives on living with climate change.

[Watch 2 minute video](#)

### Summer's coming, but we're not ready for heatwave hazards

*Dr Liz Hanna, The Canberra Times, 4 Sept*

Despite the fact that we're seeing unprecedented heat - last summer was our hottest on record, and the first half of this year has been the second

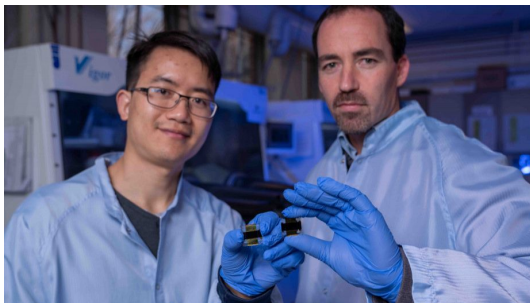
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## Australia's renewables power past Renewable Energy Target

*Dr Matthew Stocks, Prof Ken Baldwin and Prof Andrew Blakers, 4 Sept*

Australia continues to install renewables at record rates and will surpass the scrapped target of 41,000 Gigawatt-hours of renewable energy generation around the end of 2020.

[Read media release](#)



## ANU researchers set solar record with next-gen cells

*A/Prof Thomas White and Dr Jun Peng, 29 Aug*

Researchers have set a new record for perovskite solar cell energy efficiency and in the process provided a glimpse of the technology's future.

[Read media release](#)



## No more dark days: Why Indonesia needs climate finance for its energy transition

*Dr Abidah Setyowati, East Asia Forum, 7 Aug*

Indonesia needs to seriously address reforms in the energy sector. Private climate financing will be crucial in achieving Indonesia's energy goal to provide reliable and secure electricity access.

[Read article](#)

## Opportunities for study on climate and energy

[Climate Law and Governance Essay Competition](#)

[Understanding energy transitions in developing nations](#), interview with Master of Climate Change student, Aditi Shah

[Staying abreast of the latest thinking on energy](#), - interview with Master of Energy Change student, Jessica Catling

## Other news

[New lab to help drive Australia's low carbon energy future](#)

[Under the Ice](#), Amanda Cox

## Other events

[IPCC Special Report on Climate Change & Land](#): Watch video or download presentation

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