

NSW Climate Adaptation Newsletter

The latest in climate change adaptation research, news and events

This month we cover:

- An invite to AdaptNSW 2015, the annual NSW climate adaptation event
- An Environmental Educators webinar on climate change projections
- *Adaptation in Action* featuring Albury Council's climate friendly telecommunications
- Plus publications, awards, conferences, news and more.

[Share this newsletter with others](#)

AdaptNSW

6th Nov 2015

Have an interest in climate adaptation? Join practitioners from government, industry and universities to share the latest in climate change adaptation research and application. The event promises to be engaging and interactive, allowing plenty of opportunity for networking and discussion. More information about the event will be provided over the coming months.

6th November, Aerial Function Centre, UTS, Sydney.

[Secure your free ticket to the event here](#)



[Free Environmental Educators Webinar](#)

Are you involved in environmental education? Join this free webinar to hear how to best utilize the resources from the AdaptNSW website including regional climate projections.

The webinar will include a discussion session asking participants what tools, resources or support they need to integrate climate projections into their work, and would be of interest to secondary and tertiary teachers.



OEH recently hosted state wide presentations on [regional climate projections](#). and sought feedback on what users need to utilize the data.

Key feedback from the 300+ attendees was that stakeholders want impact information, as well as training and tools to better communicate climate change, and support to integrate projections into land use and infrastructure planning. View a generic version of the presentation [here](#).

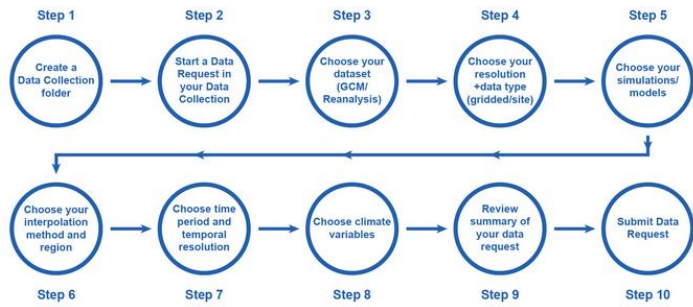


[Biodiversity PhD opportunities](#)

Interested in undertaking research on climate change adaptation? PhD scholarships are available at Macquarie University for 2015 and 2016 entry. A variety of research projects are available through MQ's Centre for Climate Futures and the [NSW Adaptation Research Hub Biodiversity Node](#) - see [here](#) for information about researchers, and [here](#) for information about how to apply.

How to Access Data

You can access data by following the sequence shown below.



Climate Data Portal:
Coming soon!

Watch this space for the launch of The NSW Climate Data Portal. The portal will provide free access to the whole of the NSW and ACT Regional Climate Model data. [Contact us](#) for more information.

Adaptation in Action Safeguarding communication infrastructure against extreme heat - Albury City Council

This month, exploring examples of adaptation, we talk with Rikk Price, Group Leader Information Management at Albury City Council. Rikk has been involved with a project to safeguard critical communications infrastructure against extreme heat.

This project was supported by the [Building Resilience to Climate Change Grants](#), which is funded by the Office of Environment and Heritage and the NSW Environmental Trust, and administrated by Local Government NSW.

Rikk, what was the aim of this project?

Albury City Council wanted to find a way to make its microwave radio network more resilient to the effects of climate change. The council sought funding to upgrade cabinet casings for several remote IT transmissions stations that currently provide internet and phone service across 22 critical sites, including the Emergency Management Centre, the airport and water filtration plant. Under extreme heat conditions these stations were at risk of failure, leaving these essential services without adequate communications.

How was this achieved?

The funding was used to design, build and install heat-resistant cabinets. Each of the new cabinets for the stations now include cooling fans, activated when the internal temperature reaches 38 degrees. The cabinets also have airflow to promote circulation and have auxiliary power generators so that if there is a network power failure, the stations can continue to operate.

The cabinets have been powder-coated in a colour to reduce heat retention and the need for ongoing maintenance.

If you want to discuss this project in more detail, please [get in touch with Rikk](#).



New coastal research resource
NSW Minister for Planning, Rob Stokes officially opened the Water Research Laboratory's new Wave Flume. The Flume will expand WRL's capacity in coastal research and provide answers on forces that shape coastlines, as well as better inform design and planning. The new facility is the largest of its kind in Australia, and will be used to support several of the NSW Adaptation Research Hub's Coastal Processes and Responses Node projects.



Image: Ian Turner, Stephen Foster, Rob Stokes and Mark Hoffman (Courtesy of WRL).

Publications, events, news and grants

Publications

Evans, L et al. (2015). From barriers to limits to climate change adaptation: path dependency and the speed of change. *Ecology and Society* 20(3): 5. Sponsored by the National Climate Change Adaptation Research Facility.

Burton, A., Bambrick, H., & Friel, S. (2015). If you don't know how can you plan? Considering the health impacts of climate change in urban planning in Australia. *Urban Climate*, 12, 104-118.

Walker, R., & Mason, W. (2015). Climate Change Adaptation for Health and Social Services. CSIRO publishing

Conferences / events

AdaptNSW 2015 6 November, Ariel Function Centre, Ultimo. Hosted by the Office of Environment and Heritage, this event will focus on climate change adaptation research and application in NSW.

24th NSW Coastal Conference, 2015 10-13 November 2015, Forster, NSW. Hosted by Great Lakes Council. The theme of the conference is *Great Expectations - pathways for learning and delivery*

Local Government NSW Annual Conference 11 - 13 October 2015, Rosehill Gardens, Sydney. The annual policy making event for the 152 Councils of NSW.

Environmental Health Australia's National Conference. 20 - 24 October 2015, Sydney. This conference will include sessions around how climate change is increasing impacts on health. The theme this year is 'Strength in Unity'.