



## AdaptNSW Newsletter - December 2021

### Hello

As the COP26 conference in Glasgow ended in recent weeks, adaptation was of particular emphasis during the deliberations. It was reported that Parties established a work programme to define the global goal on adaptation, which will identify collective needs and solutions to the climate crisis already affecting many countries.

This AdaptNSW newsletter includes content showcasing a range of opportunities for you to find out about and take action to better adapt to climate change. Through this newsletter and our [AdaptNSW website](#), we aim to enable communities across NSW to increase resilience to climate impacts, now and into the future.

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### Help shape the AdaptNSW forum – Have your say

The AdaptNSW Forum has been held since 2013 to showcase the work of the NSW Adaptation Research Hub and NSW Government climate programs, research, and action in response to climate change. The event continues to provide a platform to bring together people to share information, build networks and provide opportunities to collaborate on adaptation to climate change in NSW.

In 2019, the Forum moved to an online webinar format due to the impacts of COVID-19. We are now taking time to conduct a review of the Forum to ensure that it continues to meet your needs.

We are seeking feedback from past and potential Forum attendees. This is essential to help us shape the forum heading into the future.

This survey should only take 5 minutes of your time to complete.

**[Click here](#)**

Closes 21 December 2021

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[Reflections on COP26 from Executive Director, Kate Wilson](#)

We were proud to see our Executive Director, Kate Wilson, and Policy Manager, Catherine Allen from Climate Change and Sustainability division represent the Department at the 2021 United Nations Climate Change Conference (COP26) in Glasgow in November.

Highlights included attending the Science and Innovation panel with Chief Scientist for Nature Conservancy in the USA, and hearing interesting examples of integrating science with community, and the importance of having community involved.

At the Zero Emissions Transport Day, they were impressed with the innovation in electric transport including an electric hydrogen bus and an electric mini plane!

According to the UNFCCC, two key outcomes of the global conference were:

- Adaptation, mitigation and finance are all strengthened in a complex and delicate balance supported by all Parties.
- After six years of strenuous negotiations, pending items that prevented the full implementation of the Paris Agreement on carbon markets and transparency have finally been approved.

For more information on COP26 outcomes [visit](#).



*DPIE/Executive Director, Kate Wilson, and Policy Manager, Catherine Allen from Climate Change and Sustainability division, DPIE, outside COP26 pavilion*

## Making climate models relevant for regional & local decisions



*John Spencer/DPIE Sunset at Yellow Rock, Murramarang National Park*

In the context of the International Panel on Climate Change AR6 report and recent COP26 Conference Dr Kathleen Beyer, Senior Team Leader of our Climate Research team discusses why now more than ever, New South Wales' deep expertise modelling regional climate projections for locally informed decisions matters. Dr Beyer leads a multidisciplinary team of climate scientists, modellers, project managers and climate data specialists committed to delivering that data and information to support business, government and communities to plan to manage the effects of new climate conditions.

The team are developing and delivering updated high-resolution climate change projections. The NARClIM project began as a multi-agency partnership led by the NSW Government, partnered with the ACT Government, with researchers from the Climate Change Research Centre at the University of New South Wales contributing to some of the modelling. There are now exciting opportunities through partnerships with other state jurisdictions to explore products that can be used by governments, climate specialists in industry and researchers across Australia.

Read more about our climate modelling work in this blog [NSW a global leader in regional climate projections](#).

[Register now: adaptation heat risks and opportunities webinar](#)



*DPIE/children playing in water*

This AdaptNSW webinar has been developed to share information that enables people to take action to adapt to the impacts of climate change.

The webinar will showcase a range of innovative Increasing Resilience to Climate Change grant projects, featuring speakers from local councils who are building resilience to the impacts of extreme heat in their communities. The grants are being delivered by Local Government NSW in partnership with and funded by the NSW Government.

Join us to hear what other councils are doing to adapt to the impacts of extreme heat and learn about practical tools and resources available to support councils facing the same challenges.



Click below to register now and share it with your customers. This webinar is suitable for local government and broader audiences who are interested in how the impacts of extreme heat and heatwaves are being managed.

[Register here](#)

## Local Government NSW Excellence in the Environment Awards: Climate Adaptation Award winners

It was fantastic to see two of the Increasing Resilience to Climate Change grant projects win at the recent Local Government NSW Excellence in the Environment Awards in the Climate Adaptation Award category.

The overall winner was Waverley Council for their 'Future proofing residential development to climate change' project. This project identified threats to the resilience of residential housing in Sydney's eastern beaches by modelling the effect of projected climate change on houses approved under existing NSW building controls; and the climate change adaption measures that could be implemented now to deliver cooler, safer homes for the lifetime of the dwelling.

The Highly Commended prize went to Cumberland City Council for their UV smart cool playground: Memorial Park, transforming an existing hot playground into a climate-ready play space. Cumberland Council and Western Sydney University, supported by a range of experts in the private sector, undertook research and monitoring of the thermal and heat performance at the playground and worked to design and construct a climate-ready playground prototype.

For more information on the Awards [visit](#).



*LGNSW/Waverley Council team*

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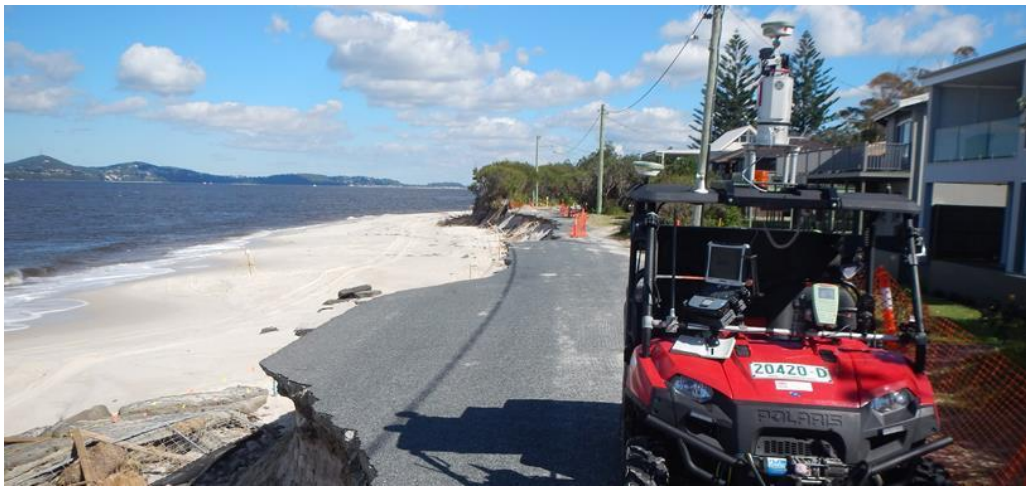
## NSW Climate Change Adaptation Strategy

On 28 September 2021, the NSW Government released the [Net Zero Plan Stage 1 2020-30: Implementation Update](#) which announced the state's new objective of reducing emissions by 50% below 2005 levels by 2030. The Implementation Update also outlines the Government's commitment to developing a state-wide climate change adaptation strategy and to disclose the state's climate related financial risks and opportunities for the first time in New South Wales, consistent with the Taskforce for Climate Related Financial Disclosures framework.

Stay tuned for further updates.

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## Predicting beach and property impacts before coastal storms



*Peter Davies/DPIE Damaged road, Jimmy's Beach, erosion, major storms in NSW*

Coastal storm impacts including property and infrastructure damage, environmental pollution, and temporary loss of beaches come at considerable cost and inconvenience to NSW communities. A new study from coastal scientists at the Department of Planning, Industry and Environment presents a new framework for meaningful prediction of the distribution, type and magnitude of coastal storm impacts at a regional scale, such as the NSW coastline. The framework is the basis of an experimental storm impact early warning system in development.

Co-authored by coastal scientist Dr Michael Kinsela, this study is part of an ARC Linkage Project led by the UNSW Water Research Laboratory with Department of Planning, Industry and Environment as a project partner.

[Read here](#)

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## Be part of the EV-olution! Register today

We're driving into the future in the race towards net zero emissions, investing \$595 million in tax cuts and incentives to accelerate the transition to electric vehicles (EVs) under the NSW EV Strategy.

Our [Drive electric NSW EV fleets incentive](#) will help private businesses, not-for-profits and local councils bridge the cost to transition to EVs. Round one is now open with the online bidding platform allowing participants to sign up and prepare bids for the reverse auction. [Guidelines](#) are available to check your eligibility.

We're also calling for site operators and owners to [express their interest](#) in hosting public EV fast-charging sites across the state. Discover how becoming a host could attract new visitors and increase visitor time at your site, as well as site requirements and host responsibilities by taking a look at our [EV fast charging site host prospectus](#).

Find out more at [energysaver.nsw.gov.au/electricvehicles](https://energysaver.nsw.gov.au/electricvehicles).



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