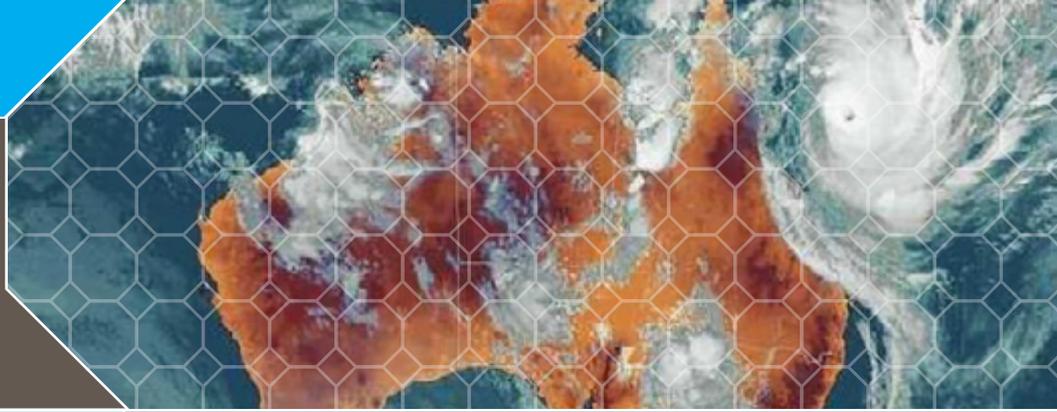




NCCARF

National
Climate Change Adaptation
Research Facility



NEWSLETTER

Director's message

Professor Jean Palutikof, NCCARF Director

March 2013

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Upcoming events

WORKSHOPS

GCCM Coastal Hazard Management Workshop

29 April 2013 BRISBANE
@ The Ship Inn, Southbank Parklands
More: www.griffith.edu.au

CONFERENCES

Climate Adaption 2013: knowledge + partnerships

25–27 June 2013 SYDNEY
@ Hilton Hotel, Sydney
More: www.nccarf.edu.au/conference2013

Greenhouse 2013

8–11 October 2013 ADELAIDE
@ Adelaide Convention Centre
More: www.greenhouse2013.com

Call for the NCCARF 2013 **CLIMATE ADAPTATION CHAMPIONS**

Highlighting the achievements of those taking steps to adapt to climate variability and change.

See page 8 for more



A snowy March in Hamburg

I recently attended the first European Climate Change Adaptation (ECCA) conference, held in Hamburg in mid-March. I would like to share a few observations from the event.

First, the weather in Hamburg, and throughout much of Europe, was atrocious. March is the time of year when normally you would expect daffodils and snowdrops, instead of the boots, hat, gloves and scarfs that are necessary in 10 cm of snow and a biting wind. This makes it hard to sell the story of climate change. Scientists have always been clear that (a) warming will not be experienced everywhere and (b) climate change can lead to greater variability, and that therefore we might expect more severe winters. In fact, the recent European cold winters have been linked to the retreat of Arctic sea ice, linked in turn to global warming. See www.guardian.co.uk/environment/2013/mar/25/frozen-spring-arctic-sea-ice-loss.
Nevertheless, it is hard to convince the public that global warming is a reality when standing in 10 cm of snow. By contrast, Australia has just experienced an exceptionally warm summer, with January the hottest month ever. This should make convincing people of the reality of climate change easier, but to quote a useful proverb, there are 'none so blind as those who will not see'.

Second, it was interesting to see the progress that Australia has made in climate change adaptation activities, as compared to our colleagues in Europe. The 'flavour' of the conference was academic, with few practitioners in the room and many presentations dealing with the theoretical aspects of climate change adaptation. There was a sense that the participants were trying to create a discipline of adaptation. In Australia, including NCCARF's annual conference, the flavour is practical, with more practitioners in the room and presentations which address the knowledge needs of decision- and policy-makers working to effectively adapt Australia.

It is sad to reflect that Australia may lose much of this advantage if NCCARF is to close, as is currently the case, at the end of June this year. However, I will not dwell on that here.

Third, some key thoughts and facts that I learned during the conference. One of the recurring themes was around evaluation.

CONTINUES PAGE 2

DIRECTOR'S MESSAGE CONTINUED...

The point was made on a number of occasions that adaptation projects need to be rigorously evaluated with respect to their effectiveness, in the same way that development projects are currently assessed. To be successful, a strategy for evaluation needs to be planned from the very beginning of the project.

Chris Field, the U.S. Co-Chair of IPCC Working Group II, shared with us two myths and one fact. The two myths are:

- » Near-term investment in mitigation can lead to near-term benefits (and so, because we will need to wait for the benefits, adaptation is essential);
- » More knowledge will reduce 'uncertainty'

The fact is:

- » Within a few years, the door will close on stabilizing warming at or below +2°C.

If you would like to read more about the conference, go to: <http://eccaconf.eu/index.php/page/ECCA>. ECCA presentations will soon be made available online.

Policy guidance briefs - Launch of first suite

NCCARF's policy guidance briefs seek to deliver evidence-based guidance to decision makers in key areas of climate change knowledge.

The first five policy guidance briefs were launched in Canberra on 26th February 2013. At the launch, there were presentations by Jean Palutikof, NCCARF Director, Martin Parry, Co-Chair of IPCC Working Group II for the Fourth Assessment, and Will Steffen, Climate Commissioner. The briefs delivered at the launch included:

1. [Building resilient coastal communities and ecosystems](#)
2. [Ensuring Australia's urban water supplies under climate change](#)
3. [Supporting decision-making for effective adaptation](#)
4. [Adapting agriculture to climate change](#)
5. [Challenges of adaptation for local governments](#)

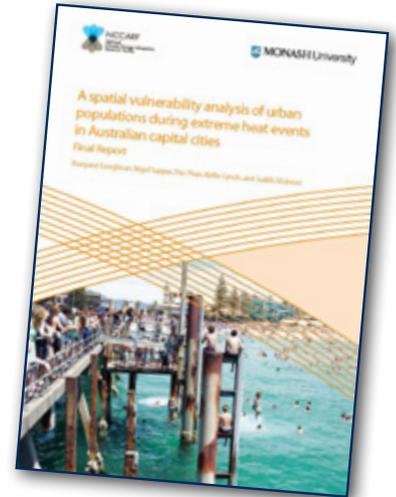
For more information, contact Sarah Boulter s.boulter@griffith.edu.au.

Research publication news

Recent publications

From January to March 2013, NCCARF published ten final reports that deliver major research outputs from its Adaptation Research Grants Program and Synthesis and Integrative Research Program.

These reports address knowledge gaps in climate change adaptation for emergency management, settlements and infrastructure, flooding in Australia, overcoming barriers to adaptation, and the availability of web-based tools for adaptation.



Adaptation Research Grants Program

- » [Planning, building and insuring: Adaptation of built environment to climate change induced increased intensity of natural hazards](#) – David King et al.
- » [A spatial vulnerability analysis of urban populations during extreme heat events in Australian capital cities](#) – Margaret Loughnan et al.
- » [Enhancing the resilience of seaports to a changing climate](#) – Darryn McEvoy et al.
- » [Past, present and future landscapes: Understanding alternative futures for climate change adaptation of coastal settlements and communities](#) – Philip Morley et al.
- » [Approaches to risk assessment on Australian coasts](#) – Colin Woodroffe et al.

Synthesis and Integrative Research Program

- » [Impact of the 2010-11 floods and the factors that inhibit and enable household adaptation strategies](#) – Deanne Bird et al.
- » [Analysis of damage to buildings following the 2010-11 Eastern Australia floods](#) – Matthew Mason et al.
- » [Cross-scale barriers to climate change adaptation in local government, Australia](#) – Pierre Mukheibir et al.
- » [Leading adaptation practices and support strategies for Australia: an international and Australian review of products and tools](#) – Robert Webb
- » [Living with floods: key lessons from Australia and abroad](#) – Caroline Wenger et al.

By the end of June 2013, final reports will be published from all NCCARF funded research projects.

Be sure to check the NCCARF website regularly for newly published reports, synthesised fact sheets, summaries for policy makers, project data, presentations and other communication materials from NCCARF's research programs.



NCCARF Climate Adaptation 2013 conference

Climate Adaptation 2013: knowledge + partnerships

This year, NCCARF's climate adaptation conference will bring together end users and researchers across Australia to share experience in adaptation and showcase activities, strategies and research. We invite you to attend Climate Adaptation 2013 at the Hilton Hotel, Sydney, 25 – 27 June.

The program includes plenary sessions on: *Information for adaptation; NCCARF achievements; Cities, infrastructure and planning; Where do people fit into adaptation; and Where the rubber hits the road.* Lively discussions are expected across 6 panel sessions, including special sessions on *Marine biodiversity; Living with floods; and From vulnerability to adaptation.* A broad cross-section of research and on-ground action will feature in 49 oral sessions with both local and international speakers.

The plenary program will feature the following keynote speakers:

- » Stewart J. Cohen (Environment Canada)
- » David Dodman (International Institute for Environment and Development)
- » Tom Wilbanks (Oak Ridge National Laboratory)
- » Geoff Love (World Meteorological Organization)
- » Ian Noble (Global Adaptation Institute)
- » Habiba Gitay (World Bank)
- » Melissa Nursey-Bray (University of Adelaide)
- » Roger Street (UKCIP - TBC)

The draft program will be available on the 15th April 2013.



Still time for early birds!

Save \$200 on full registration by registering before 18 April 2013.

[Register Now](#)

www.nccarf.edu.au/conference2013

Conference side events

There are still spots for students at the postgraduate workshop on Monday 24th June, so contact Daniela Guitart, d.guitart@griffith.edu.au, to register your interest for this event.

We are currently working on side events for the Climate adaptation 2013 conference. Plans are under way to launch the published book proceedings of our 2010 conference "Climate Adaptation Futures" (Palutikof, Boulter, Ash, Stafford Smith, Parry, Waschka and Guitart eds.). Conference goers can purchase the book at a special 25% off price. We are also planning a business breakfast briefing and more details will be available in the coming weeks.

To discuss opportunities or ideas for side events and meetings, contact Sarah Boulter s.boulter@griffith.edu.au.

Where has your NCCARF coffee cup travelled?

1st prize: Complimentary registration at [Climate Adaptation 2013](#) (valued at \$950)

2nd prize: Hardcover copy of [Climate Adaptation Futures](#) book (valued at \$145)

In the lead-up to the Climate Adaptation 2013 conference, NCCARF is looking for the 'best' photos featuring your NCCARF coffee cup collected at the 2012 conference. Has it accompanied you on vacation, out on fieldwork, or in the lab? Has it helped caffeinate a local celebrity? Perhaps it has ventured out on its own...

To enter the competition, post your best NCCARF coffee cup photo to the [NCCARF Facebook page](#) with the tag #NCCARFphotocomp. Winning is as simple as getting the most 'likes' on your photo by the 30th of April at 5PM. (Terms and conditions apply.) **May the best cup win!**



News from the Adaptation Research Networks

Settlements and Infrastructure

Early Career Researcher Forums and Workshops

The Settlements and Infrastructure Networks's highly successful Early Career Researcher nurture program concluded in March 2013, with a fruitful gathering of 16 early career researchers from across Australia and New Zealand. Research themes spanned water and energy infrastructure, adaptation strategies for the built environment, coastal adaptation, regional responses, and community engagement and resilience. The program included field trips to the NSW Public Works Hydraulics Lab in Manly and the Warriewood Wetlands. Guest lectures included Grantley Smith ('People, vehicle and building stability in floods') and Will Glamore ('Coastal wetlands remediation in a changing climate') from the UNSW Water Research Laboratory and Jacqui Bonnitcha ('Australian Resilience Taskforce and the Building Resilience rating tool') from Edge Environment Sydney. Ron Cox, Settlements and Infrastructure Network Convenor spoke on the resilience of key infrastructure to extremes.

The final day included an interactive workshop 'Sharing Responsibility for Implementing the National Strategy for Disaster Resilience' co-hosted by the Network, RMIT University, the Bushfire CRC, the NSW Office of Environment and Heritage (OEH) and the NCCARF Emergency Management Network. Narratives explored the interconnectedness of relationships between research, community and government and the need for shared responsibility to respond to, and recover from, disasters. Sessions included presentations from the Student Volunteer Army of University of Canterbury Christchurch, Australian Red Cross, Mandemar Brigade, RMIT Centre for Risk and Community Safety, NSW Rural Fire Service and Commonwealth Attorney General's Department. Outcomes will be presented in a final report authored by Blythe McLennan, RMIT Centre for Risk and Community Safety, Jen Hearn, NSW OEH and ACCARNSI ECR participants.

The Network would like to thank all the early career researchers who have shared their research over the last 4.5 years. We have been heartened and inspired by the calibre of research being undertaken by early career researchers in climate change adaptation across Australia.

To 30 June 2013

The next three months will see the Climate Adaptation Conference 25 – 27 June 2013 and the release of the final set of Discussion Papers from our Infrastructure and Coastal Settlements Nodes, a collaboration with NCCARF on the Adaptation Good Practice project commissioned by the Department of Climate Change and Energy Efficiency.

More Network news:

www.nccarf.edu.au/settlements-infrastructure

Social, Economic and Institutional Dimensions

Valuing Adaptation Workshop

The SEI-network funded a workshop organised by the Monash Sustainability Institute on 11-12 December in Melbourne. The 'Valuing Adaptation Workshop' report is now online at: www.monash.edu/research/sustainability-institute/events/12-12-11_valuing-adaptation.html

Review and synthesis of reports

Over the last few months, the SEI-network has been busy finalising the review and synthesis of material relating to vulnerability and adaptation in Indigenous populations, preparing the final report, and receiving and synthesising reports from the recipients of the SEI Adaptation Leadership Awards which will be published on the website.

More Network news: www.nccarf.edu.au/social-economic-and-institutional-dimensions

Emergency Management

Recent events

On Wednesday March 13, the Network, together with the NSW Office of Environment and Heritage and the Settlements and Infrastructure Network hosted an all day workshop entitled: 'Sharing responsibility for implementing the National Strategy for Disaster Resilience, (NSDR)'. The work shop was attended by over 90 delegates with speakers representing a wide range of perspectives from governments, businesses, not-for-profit, communities and individuals as well as from research.

The event was a follow-up to the successful workshop conducted by the Network as part of the Bushfire CRC Sharing Responsibility project in 2012. See: <http://emergencymanagement.org.au/research/published-papers/visions-sharing-responsibility-disaster-resilience>

The workshop exposed agencies, policymakers and other attendees to a diversity of views, perspectives and voices on the topic to promote debate and reflection on current practice and the challenge of sharing responsibility for disaster resilience. A summary paper on the workshop, similar to the one above, will be drafted and disseminated.

Upcoming events

The Network had been promoting and anticipating the visit of Sophia Liu (US Geological Survey) to discuss her groundbreaking research on mapping crises in time and place using social media. Unfortunately the US budget sequestration situation prevents her from travelling at present, so her visit is postponed until sequestration restrictions are lifted.

In collaboration with Melbourne University the Network is hosting Bob Jensen, Principal Deputy Assistant Secretary for Public Affairs with the US Department of Homeland Security from FEMA (US Federal Emergency Management Agency) at RMIT University on 10 May 2013. His speaking tour of Australia is facilitated by the Emergency Media and Public Affairs not-for-profit crisis communicators group.

More Network news: www.emergencymanagement.org.au

Human Health

Human Health Network in the media

Australia's hottest month on record in January, and warmest summer on record from December 2012 to February 2013, forced the Bureau of Meteorology to add two categories to their interactive maps to accommodate temperatures over 50°C. This news attracted international media attention, as the world looks to Australia for adaptation strategies. Health Network Convenor Liz Hanna, who researches health effects of extreme heat, received over 50 requests for interviews.

Recent events

Heat was a key theme at Melbourne's Sustainable Living Festival in February. 'The HEAT is on' panellists Fiona Armstrong, David Karoly, Liz Hanna and Tony Bartone sweltered in a crowded marquis on another 35°C+ day to engage the public on health risks and adaptation strategies.

Also in February, the Health Network hosted an Energy and Health Roundtable for 50 key health stakeholders representing government, researchers, health professions, health organisations and NGOs. Alarmed by the evidence and Australia's current energy policies, the health sector is mobilizing to highlight the folly of our past dependency and ongoing development of the fossil fuel industry, based on the well understood consequences to human health.

More Network news: www.climatehealthresearch.org

Freshwater Biodiversity

Freshwater Biodiversity Roadshows

The Water Resources and Freshwater Biodiversity Network hosted a series of roadshows in March to showcase recent research projects examining climate change adaptation for freshwater ecosystems conducted under the National Adaptation Research Plan for Freshwater Biodiversity. Each event held a series of presentations by researchers from around the country as well as a detailed workshop presented by Jane Chambers and Gaia Nugent of Murdoch University on 'Adapting to climate change: a risk assessment and decision-making framework for managing aquatic groundwater dependent ecosystems with declining water levels'. Roadshows were held in Adelaide, Canberra and Brisbane.

Water Network think tank workshops

The Water Network is hosting two think tank workshops in the coming months. The first, supported by NCCARF, Charles Sturt University and the Oceania chapter of the Society of Wetland Scientists, will be held in Melbourne (April 16-17) and will examine adaptation options for policy relating to the management of important wetlands in Australia. The second, jointly hosted by the Marine and Terrestrial Biodiversity Networks, will be held in northern NSW in late May and will explore pathways for autonomous adaptation amongst Australian biodiversity. Both workshops will be attended by researchers and managers representing a range of disciplines and regions.

Papers featured in *Ecosystems*

An upcoming special issue of the journal *Ecosystems* will feature papers arising from a prior workshop on adaptation in riparian ecosystems, jointly hosted by the Freshwater and Terrestrial Biodiversity Adaptation Research Networks.

The following papers are currently available online:

- » *Riparian Ecosystems in the 21st Century: Hotspots for Climate Change Adaptation?* <http://link.springer.com/article/10.1007/s10021-013-9656-1>
- » *Predicting Novel Riparian Ecosystems in a Changing Climate.* <http://link.springer.com/article/10.1007/s10021-012-9566-7>

More Network news: www.nccarf.edu.au/water

Marine Biodiversity and Resources

Climate Change Science and Adaptation Challenges

In January 2013, NCCARF and the Marine Network co-hosted a public seminar entitled 'Climate Change Science and Adaptation Challenges' at the University of Tasmania. Guest speakers were leading climate scientists Peter Stott (UK Met Office Hadley Centre) and Linda Mearns (US National Center for Atmospheric Research). The event attracted approximately 300 members of the community. Attendees were able to participate in a question and answer time after each of the presentations.

The full seminar can be viewed at:

https://secure.utas.edu.au/events/2013/january/climate-change-science-and-adaptation-challenges/_nocache

Website and publications

The Marine Network website was invited to be placed on the PANDORA archive through the National Library of Australia. This is a great endorsement of the quality of the materials hosted on our website, including all Marine Adaptation Bulletins, Information Sheets, the network's annotated bibliography and toolkits, and online information. The website will be added to the National Library bibliographic database and the National Library catalogue, which is shared by over 5,200 Australian libraries.

The Marine Network Student Research Support Grant scheme provides funding for honours and masters

students to assist with research costs for selected projects focused on climate change adaptation in marine biodiversity and resources. As a result of this assistance, 2010 recipient Shawna Foo has recently published a paper.

Another Marine Adaptation Bulletin was published and is available for download via the Network's website. The 2012-13 summer theme is Adaptation in Action.

During the four years that the Marine Network has been in existence, we have produced a considerable number of publications of use and interest to: researchers, managers, peak bodies and industry representatives across the marine sectors. The Network is currently creating a compilation of all Network materials, to produce an accessible product to disseminate at the NCCARF 2013 conference this June.

More Network news: www.nccarf.edu.au/marine

Primary Industries (PIARN)

Recent events

The second session in the 2012-13 PIARN Master Class program was held in February, with 16 young professionals from across the primary industries visiting Canberra to explore the process of climate change adaptation policy development and implementation. The class met key players in the policy process from industry, research and federal government sectors. Speakers came from a diversity of organisations and viewpoints, ranging from the Murray-Darling Basin Authority on water policy, to the Australian Forestry Products Association on environmental plantings for emissions offsets, to CSIRO on modelling adaptation capacity in broadacre farming. The Master Class program will conclude in April, when participants head to Townsville for a look at adaptation in tropical agriculture and the Great Barrier Reef.

PIARN hosted another webinar in March, this time inviting the UK-based convenor of the Food Climate Research Network, Tara Garnett, to provide insight into running an international, interdisciplinary research network. A recording of the webinar is available at:

www.piarn.org.au/events/webinar-series

Also during March, PIARN supported a forestry symposium in Perth, with PIARN theme leader Richard Harper (Murdoch University) hosting 90 researchers, forest managers and policy makers for a discussion on 'Forests, drought and climate change adaptation'. Presentations will be available on the PIARN website shortly.

Upcoming events

A one-day international symposium will be hosted by PIARN in Melbourne in early June (date tbc), to look at the integration of adaptation and mitigation outcomes in food production systems. Research leaders around the world will explore the challenge of adapting the global food system to future climates while also contributing to reductions in global emissions. The symposium will be open to research, industry, government and community

stakeholders with an interest in exploring future research and policy directions. The program is currently under development, with more information to be published on the PIARN website during April.

More Network news: www.piarn.org.au

Terrestrial Biodiversity

Recent publications

The Terrestrial Biodiversity Network continues to produce newsletters and make terrestrial biodiversity adaptation information publicly available for interested parties.

The first TRE-Bulletin for the year is now available. In this edition we showcase CliMAS – climate maps for Australian Species produced by James Cook University's eResearch group. The CliMAS tools inform end-users of the potential impacts of climate change on the biodiversity of Australian terrestrial vertebrates. The bulletin is available at:

http://nccarf.jcu.edu.au/terrestrialbiodiversity/documents/tre-bulletin/NewsLetterFEB2013_Final.pdf

The paper *Making decisions to conserve species under climate change* is now available, via open access. Content was developed from a network funded workshop focused on dynamic conservation planning and considerations for incorporating climate change. It provides a much needed decision-making framework for species conservation under climate change. To download this publication, visit:

<http://link.springer.com/article/10.1007/s10584-013-0699-2>

More Network news:

www.nccarf.jcu.edu.au/terrestrialbiodiversity

Contact the Networks:

Terrestrial Biodiversity co-convened by Professor Stephen Williams (JCU), and Professor Lesley Hughes (Macquarie). Contact: Coordinator Dr Yvette Williams yvette.williams@jcu.edu.au

Water Resources & Freshwater Biodiversity convened by Professor Stuart Bunn (Griffith). Contact: Coordinator Dr Sam Capon climate.water@griffith.edu.au

Marine Biodiversity & Resources convened by Associate Professor Neil Holbrook (UTas). Contact: Coordinator Clare Brooker arnmbr@arnmbr.org

Human Health convened by Dr Liz Hanna (ANU). Contact: arn.humanhealth@anu.edu.au

Settlements & Infrastructure convened by Associate Professor Ron Cox (UNSW). Contact: Coordinator Tamara Rouse accarnsi@unsw.edu.au

Primary Industries convened by Professor Snow Barlow (Melbourne) Contact: Coordinator Dr Ann-Maree Graham piarn-coordinator@unimelb.edu.au

Emergency Management convened by Professor John Handmer (RMIT). Contact: Coordinator Frank Yardley frank.yardley@rmit.edu.au

Social, Economic & Institutional Dimensions convened by Professor Jon Barnett (Melbourne). Contact: Coordinator Tina Soundias tinas@unimelb.edu.au

Engagement and communication

NCCARF forum - Flooding in Australia

On 21 March 2013, NCCARF held a forum in Brisbane to present key findings from NCCARF funded research into floods and climate change in Australia. By engaging with end users from the beginning, these projects allowed researchers to learn from recent experience how people and organisations respond to climate change.



At the Flooding in Australia forum, an engaged audience filled every available seat to hear the following presentations:

- » Rob Webb (Bureau of Meteorology) - Rainfall and flooding in Queensland, December 2010 and January 2011
- » Matthew Mason (Risk Frontiers) - Analysis of damage to housing during the 2010/11 Queensland floods
- » Leo Dobes (Australian National University) - Benefits and costs of post-cyclone emergency services in Cairns
- » David King (James Cook University) - Planning, building and insuring: adaptation of built environment to climate change induced increased intensity of natural hazards
- » David King (James Cook University) - Impact of the 2010/11 floods and the factors that inhibit and enable household adaptation strategies
- » Michael Howes (Griffith University) - Rethinking disaster risk management and climate change adaptation
- » Karen Hussey (Australian National University) - Living with floods: lessons from Australia and abroad

Karen Hussey's [final report](#) was launched at the forum, along with a suite of [fact sheets](#) on floods in Australia, developed from these and other NCCARF flood-related research projects.

All forum presentations are available online, at:
www.nccarf.edu.au/events/nccarf-forum-flooding-australia

Business portal launched

Visit NCCARF's new business portal, [Climate Adaptation for the Business Sector](#). This site provides a platform for those in the private sector to explore the potential effects of climate change and identify opportunities in adaptation.

Interviews with organisations including Swiss Re, AGIC, carbonjobs and DLA Piper provide valuable insights into the private sector views on risks and opportunities associated with the effects of climate change. The portal contains summaries and links to relevant research, local and international case studies and discussions about emerging issues to help Australian organisations adapt to climate change.

We welcome your comments on the business portal and encourage you to share examples of projects and your insight on barrier and enablers to climate change adaptation in the private sector.

For questions and comments, please contact Donovan Burton:
d.burton@griffith.edu.au

See for yourself at:
www.nccarf.edu.au/business



Sydney launch of report suite on climate adaptation in seaports

In March, NCCARF joined Mark Ireland of the Sydney Ports Corporation at Botany Bay to launch a suite of five reports, *Enhancing the resilience of seaports to a changing climate*, developed from an NCCARF funded research project.



Darryn McEvoy and Jane Mullet of RMIT University worked directly with Gladstone, Sydney and Kembla ports to understand their needs and deliver tailored climate information.

The researchers developed a new software tool to help port engineers decide how infrastructure maintenance might change over the next 70 years, using six different possible climate futures. This will be the foundation to develop a national web-based decision-support toolkit to help Australian seaports plan to adapt to climate change. Jane Mullet, pictured far left, presents the key research findings to Susan Fryda-Blackwell, Executive Officer Ports Australia.

The reports are available at: www.nccarf.edu.au/publications/enhancing-resilience-seaports-synthesis-and-implications

NCCARF news

Call for 2013 Climate Adaptation Champions

The National Climate Change Adaptation Research Facility will highlight the actions of people, communities, industries and companies who are leading the way in adapting to a changing climate. We are looking for active practitioners who are changing behaviour, techniques, businesses and policies to adapt to an altered future. You can nominate someone you know, or nominate yourself.

Adaptation Champions could be:

- » Excellent communicators, actively involved in communicating the knowledge needed for climate change adaptation.
- » People, groups and governments actively involved in making decisions regarding action on climate change.
- » Leaders in their field, helping others adapt to a changing climate.
- » Inventors and designers leading the way with innovative ways to adapt to a changing climate.

Nominations close 12 April 2013.

For more information, contact: Liese Coulter l.coulter@griffith.edu.au
or visit: www.nccarf.edu.au/engagement/nccarf-climate-adaptation-champions

New staff

CAMERON MOOR, Research Publications Assistant

Cameron comes from a communication background, having completed a degree in Communication (Theatre/Media) at Charles Sturt University in 2012. He has worked in regional and metropolitan centres in the area of arts and community engagement for the past five years, specialising in arts coordination and creative management. His proudest achievement was being awarded Young Citizen of the Year 2010 for his contribution to community engagement activities within his local community of Glen Innes.

Cameron is excited to be working with the NCCARF team to apply his skills to the communication of climate change adaptation science. He hopes to complete further research in the area of theatre and storytelling and its ability to create a dialogue with vulnerable communities.

NCCARF partners



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If you have comments, feedback or news items you would like included in the next NCCARF Newsletter please contact Rachel Merrick r.merrick@griffith.edu.au

To receive this newsletter please subscribe online at: www.nccarf.edu.au/user/register

The views expressed herein are not necessarily the views of the Commonwealth and the Commonwealth does not accept responsibility for any information or advice contained within.

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