



AdaptNet for 28 August 2012

Recommended Citation

"AdaptNet for 28 August 2012", ADAPTNet English Edition, August 28, 2012,
<https://nautilus.org/adaptnet/adaptnet-for-28-august-2012/>

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Melbourne's Critical Infrastructure & the Impact of the 2009 Heatwave

The paper focuses on the sectors (electricity, rail and road transport) that were most impacted by the extreme heat wave of 2009 in Melbourne, Australia. It identifies the direct and indirect impacts of the heat event, including associated cascading effects, as well as considering actual and potential adaptation responses. The paper reflects on the implications of the heat wave for urban resilience, emphasizing the crucial importance of understanding the urban environment as a complex and interconnected system.

[The Impact of the 2009 Heatwave on Melbourne's Critical Infrastructure](#), Darryn McEvoy, Iftekhhar Ahmed, Jane Mullett, *Local Environment: The International Journal of Justice and Sustainability*, vol. 17, issue 8, May 2012[subscription required]

A Grassroots Analysis of the Causes and Impacts of Typhoon Mirinae

On November 2, 2009, typhoon Mirinae slammed into the coast of central Vietnam killing 122 people and causing \$280 million in damage to property. This paper attempts to answer the following questions: has climate change begun to produce storms that have exceeded the capacity of the people living in the flood prone deltas of central Vietnam to prepare for and respond to them? Or have other factors within the landscape changed to such a degree that established practices are no longer adequate?

[Living with Floods: A Grassroots Analysis of the Causes and Impacts of Typhoon Mirinae](#), Michael

Education Sector Responses to Climate Change - Asia Pacific

The study explores the relationship between the education sector and climate change through a series of international case studies. It argues that the education sector in Asia-Pacific has a fundamental role to play in developing the knowledge, skills and capacities of individuals and communities to adapt to climate change and to support mitigation efforts. The study can be beneficial to all those working on combining theory and practice in the education sector, and all those concerned with addressing climate change.

[Education Sector Responses to Climate Change: Background Paper with International Examples](#), Asia and Pacific Regional Bureau for Education, UNESCO Bangkok, Thailand, 2012 [785 KB, PDF]

Informing Climate Change Adaptation Policy

This report captures the findings of the Informing Adaptation Policy Workshop, which was held at the Australian National University in Canberra on 3-4 May 2012. The key findings included: significant gaps in adaptation knowledge to support effective decision making; more overt, clearly communicated, consistent and coordinated Commonwealth adaptation policy leadership and intent is required; and that there is a need to clarify roles and responsibilities at all levels of government based on legitimacy, competence and resource allocations.

[Informing Adaptation Policy - NCCARF and ANU Workshop 3-4 May 2012](#), Report for Policy Makers, Department of Climate Change and Energy Efficiency, National Climate Change Adaptation Research Facility and the Australian National University, Australia, June 2012 [1.31 MB, PDF]

eHealth - Climate Change Mitigation and Adaptation

The health sector is a significant contributor to greenhouse gas emissions in developed countries, and its climate impact in low-income countries is growing steadily. This paper reviews and discusses the literature regarding the mitigation potential in the health sector, known and hypothetical co-benefits, and the potential of health information technology, such as eHealth, in climate change mitigation and adaptation. It also discusses the role of eHealth as an adaptation strategy to reduce societal vulnerability to climate change.

[Climate Change and eHealth: A Promising Strategy for Health Sector Mitigation and Adaptation](#), Asa Holmner, Joacim Rocklo, Nawi Ng and Maria Nilsson, Review Article, *Global Health Action*, vol. 5, June 2012 [297 KB, PDF]

Climate Change Research Strategy for Primary Industries Conference

The second CCRSPI Conference will take place in Melbourne, Australia from 27-29 November 2012. It will provide opportunity for researchers, policy makers, practitioners and farmers to showcase the latest research, policy and practices for primary industries in a changing climate. The preliminary program has been shaped around examining the question of how Australia's primary industries will adapt, mitigate and thrive in the face of climate challenges. Registration closes on 28 September 2012.

[CCRSPI \(Climate Change Research Strategy for Primary Industries\) Conference 2012](#), Professor Snow Barlow, Climate Change Research Strategy for Primary Industries, Melbourne, Australia, 27-29 November 2012

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AdaptNet is a free fortnightly report produced by RMIT University Global Cities Research Institute's Climate Change Adaptation Programme, Melbourne, Australia. It is published in partnership with the Nautilus Institute for Security and Sustainability.

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