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# AdaptNet for 12 February 2013

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## Cross-Scale Barriers to Climate Change Adaptation

The study addresses the following objectives: a) identify a set of critical cross-scale barriers to adaptation planning and implementation by local government across Australia; b) identify the underlying processes and structures that give rise to these barriers, and understand how the actors and the context of the system contribute to the barriers; and c) suggest options for how barriers will be overcome, thereby defining the adaptation capacity interventions to move to a climate resilient delivery of local government.

[Cross-Scale Barriers to Climate Change Adaptation in Local Government, Australia](#), Final Report, Pierre Mukheibir, Natasha Kuruppu, Anna Gero and Jade Herriman, National Climate Change Adaptation Research Facility (NCCARF), Gold Coast, Australia, 2013 [2.19 MB, PDF]

## Water Supply & Climate Change - Hong Kong

This article discusses the issues in the current water supply system of Hong Kong and highlights the interrelated risks within the context of climate change, namely: drought; rainstorm/flood events; sea-level rise; water pollution; social management; and policy gaps in Hong Kong. The article suggests that for a sustainable future, Hong Kong needs to invest in improving water self-sufficiency, diversify water sources and conduct aggressive public awareness to increase individual adaptation to predicted climate change impacts.

[Water Supply Risks and Urban Responses Under a Changing Climate: A Case Study of Hong Kong](#), Liang Yang, Chunxiao Zhang, Grace W. Ngaruiya, Pacific Geographies, vol. 39, 2013 [4.87 MB, PDF]

## **Global Risks 2013: Insight Report**

The report shows how experts from around the world, from different backgrounds, currently perceive the risks that the world is likely to face over the next decade. It provides a platform for stakeholders to explore ways to collaborate on building resilience to global risks. The report continues to raise awareness about global risks, stimulates thinking about how risks can be factored into strategy development, and challenges global leaders to improve how they approach global risks.

[Global Risks 2013: Insight Report](#), Eighth Edition, An Initiative of the Risk Response Network, World Economic Forum, 2013 [10.8 MB, PDF]

## **Australia's Country Towns 2050**

The report considers the structure and functioning of Australia's country towns in the year 2050 in the face of on-going climate driven change. It finds that the future of Australia's country towns will be determined by their capacity to adapt, which in turn will be affected by their stock of community assets including social, economic, human and natural capital. Some locations will be more sensitive than others when exposed to climate change, one group of settlements will adapt well, while others maladapt or simply disappear.

[Australia's Country Towns 2050: What Will A Climate Adapted Settlement Pattern Look Like](#), Preliminary Report, Beer, A., Tually, S., Kroehn, M. and Law, J., Centre for Housing, Urban and Regional Planning, University of Adelaide, Australia (2013)

## **Community Based Flood Early Warning System: Case of Jakarta**

Application of social network analysis to the study of early warning systems is not yet available. This paper conceptualizes the established practice of a real world flood warning system in Cawang, Jakarta. It uses social network analysis in visualizing the transmission of flood warning messages in Cawang, Jakarta. The paper concludes that social network analysis is a powerful and promising tool to understand end-to-end early warning systems.

[Conceptualizing an Established Network of a Community Based Flood Early Warning System: Case of Jakarta](#), Lassa, Jonatan A; Sagala, Saut; Suryadini, Adi, Working Paper No. 3, Institute of Resource Governance and Social Change, Indonesia, February 2013

## **2013 Climate Adaptation Conference - RMIT University**

This conference will take place from 2-4 July, 2013 in RMIT University, Melbourne, Australia. It aims to bring together the very different constituencies of academia, civil society, urban governance and business, and asks questions such as: What does it mean to be responsible for the future of our planet? And how can we best work collaboratively across those different constituencies to address basic issues of sustainability? Abstracts may be submitted by 15 February 2013.

[2013 Climate Adaptation Conference](#), National Climate Change Adaptation Research Facility (NCCARF), RMIT University, Melbourne, Australia, 2-4 July, 2013

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