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# AdaptNet for 23 September 2014

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## Recommended Citation

"AdaptNet for 23 September 2014", ADAPTNet English Edition, September 23, 2014,  
<https://nautilus.org/adaptnet/adaptnet-for-23-september-2014/>

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1. [Observations of Australia's Climate - Summary](#)
2. [Climate Change and Human Behaviour](#)
3. [Climate Change in New York City](#)
4. [Lessons from Australia's 2010-2011 Floods](#)
5. [Urban Water Supply under Climate Change](#)
6. [Environment and Natural Resources International Conference](#)

## Observations of Australia's Climate - Summary

This State of the Climate is the third in a series of reports produced by CSIRO and the Australian Bureau of Meteorology, which provides a summary of observations of Australia's climate and analysis of the factors that influence it. It discusses the long-term trends in Australia's climate. The report shows further warming of the atmosphere and oceans in the Australian region, as is happening globally.

[State of the Climate - 2014](#), CSIRO and the Australian Bureau of Meteorology, Commonwealth of Australia, 2014

## Climate Change and the Human Behavior

The study assesses the cognitive understanding of climate change, climate stress and actions and reactions of coastal people with a special focus on behavioral adaptation. It focuses on coastal cities of India, namely: Mumbai; Chennai; Daman; and Pondicherry. The paper assesses climate change awareness (CCA), climate stress and emotional concern (CSEC), coping/adaptation, institutional accountability (IA), and coastal subjective well being (CSWB) of coastal people.

[Climate Stress, Behavioral Adaptation and Subjective Well Being in Coastal Cities of India](#), Parul Rishi and Ruchi Mudaliar, American Journal of Applied Psychology, vol. 2, no. 1, pp. 13-21, 2014 [350 KB, PDF]

## Climate Change in New York City

The paper discusses how New York City's climate and extremes have been changing over recent decades. It summarises past and ongoing research programs that seek to better understand the city's vulnerability to climate change or to develop adaptation strategies, with an emphasis on

research undertaken in partnership with stakeholders such as city agencies, utilities, and insurers. The paper concludes with suggestions for future research directions and lessons from New York City's experience which may be applicable to other places.

[Stakeholder-Driven Research for Climate Adaptation in New York City \(Chapter 4\)](#), Nir Y. Krakauer, New Trends in Earth-Science Outreach and Engagement, Advances in Natural and Technological Hazards Research, Springer International Publishing, 2014 [398 KB, PDF]

## **Lessons from Australia's 2010-2011 Floods**

This document consists of two parts: part one sets out water infrastructure related issues in non-technical terms; part two consists of four technical papers on the topic. The work sets out the general uncertainty - including climate change - facing managers of water infrastructure working on increasing the availability and security of water supply.

[A Method for Assessing Community Flood Management Knowledge for Vulnerable Groups: Australia's 2010-2011 Floods](#), Erica Bell and Grant Blashki, Community Development Journal, Oxford University Press, 2014 [subscription required]

## **Urban Water Supply under Climate Change**

This document consists of two parts; an introductory part that sets out water infrastructure related issues in non-technical terms and a second part that consists of four technical papers on the topic. The work sets out the general uncertainty - including climate change as one source of imperfect information - facing managers of water infrastructure about increasing the availability and security of water supply.

[Enhancing Water Infrastructure Provision with Climate Change Uncertainty - Interim Report](#), Harry Clarke, John Freebairn, Ananda Jayanath and Anke Leroux, Victorian Centre for Climate Change Adaptation Research (VCCCAR), Victoria, Australia [2.10 MB, PDF]

## **Environment and Natural Resources International Conference**

The 1st Environment and Natural Resources International Conference (ENRIC 2014): Global Climate Change and Sustainability Pathways will take place from 6-7 November, 2014 at Bangkok, Thailand. The conference aims to discuss pertinent issues with a regional focus, and to stimulate future collaboration in order to more effectively adapt to our changing world. Early bird registration is open till 15 October 2014.

[1st Environment and Natural Resources International Conference \(ENRIC 2014\): Global Climate Change and Sustainability Pathways](#), Bangkok, Thailand, 6-7 November, 2014

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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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