



---

# AdaptNet for 7 October 2014

---

## Recommended Citation

"AdaptNet for 7 October 2014", ADAPTNet English Edition, October 07, 2014,  
<https://nautilus.org/adaptnet/adaptnet-for-7-october-2014/>

---

1. [Migration and Climate Change in Oceania](#)
2. [Climate Change and Key Sectors in Nepal](#)
3. [U.S. Hurricane Storm Surge and Sea-level Rise Vulnerability](#)
4. [Fundamental Attributes of a Resilient City](#)
5. [Living on Climate-Changed Country - Australia](#)
6. [International Conference on Climate Change and Global Warming](#)

## Migration and Climate Change in Oceania

The paper focuses on migration and environment in the Pacific island countries. It finds that small island developing states are likely to have high levels of exposure to the effects of climate change, including: sea-level rise; increased incidence and intensity of floods and droughts; coral degradation; increased intensity of tropical cyclones; and changes in the distribution of disease vectors.

[Migration and Climate Change in Oceania](#), John Campbell and Richard Bedford, People on the Move in a Changing Climate, Global Migration Issues, vol. 2, pp. 177-204, 2014 [subscription required]

## Climate Change and Key Sectors in Nepal

This report estimates the potential impacts and economic costs of climate change for three major risk areas (agriculture, hydroelectricity, water-induced disasters) and identifies climate compatible development options in response to these risks. It develops an iterative climate change adaptation pathway that starts with current climate variability and then considers future climate change and uncertainty.

[Economic Impact Assessment of Climate Change for Key Sectors in Nepal](#), Ministry of Science, Technology, and Environment (MoSTE), Government of Nepal, April 2014 (1.88 MB, PDF]

## U.S. Hurricane Storm Surge and Sea-level Rise Vulnerability

This paper scales up previously published methods to undertake a first pass assessment of coastal vulnerability to hurricane storm surge and sea-level rise. It explores geographic variability in exposure of U.S. coastlines to storm surge inundation. The paper presents two case study applications for coastal exposure assessment - one for U.S. energy infrastructure in the Southeast and one for future coastal housing.

[A Geospatial Dataset for U.S. Hurricane Storm Surge and Sea-level Rise Vulnerability: Development and Case Study Applications](#), Megan C. Maloney and Benjamin L. Preston, Climate Risk Management (Open Access), vol. 2, pp. 26-41, 2014 [2.77 MB, PDF]

## **Fundamental Attributes of a Resilient City**

This report comprises 12 key indicators that describe the fundamental attributes of a resilient city. It argues that city's resilience depends on its physical assets as well as its policies, social capital and institutions. The report provides a lens through which the complexity of cities and the numerous factors that contribute to a city's resilience can be understood.

[City Resilience Framework: City Resilience Index](#), Rockefeller Foundation and Arup International Development, April 2014 [8.17 MB, PDF]

## **Living on Climate-Changed Country - Australia**

The paper argues that it is time to explicitly draw on Indigenous definitions of health, which directly address the need to connect individual and community health to the health of their country, in order to develop effective climate adaptation and health strategies. It details how current health policies in Australia overlook this 'missing' dimension of Indigenous connection to country, and why that is likely to be detrimental to the health and well-being of people living in remote communities.

[Living on Climate-Changed Country: Indigenous Health, Well-Being and Climate Change in Remote Australian Communities](#), Donna Green and Liz Minchin, EcoHealth, International Association for Ecology and Health, 14 January 2014 [213 KB, PDF]

## **International Conference on Climate Change and Global Warming**

International Conference on Climate Change and Global Warming (ICCCGW 2015) will take place in Bangkok, Thailand on 17-18 December 2015. It aims to bring together leading academic scientists, researchers and research scholars to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of climate change and global warming.

[International Conference on Climate Change and Global Warming \(ICCCGW-2015\)](#), Bangkok, Thailand, December 17-18, 2015

For further information, please contact the editor, Dr. Saleem Janjua:  
muhammadsaleem.janjua@rmit.edu.au

Subscribe & Unsubscribe

Professor Darryn McEvoy, Program Leader, RMIT University Climate Change Adaptation Programme

Professor Peter Hayes, Co-founder and Executive Director of Nautilus Institute for Security and Sustainability

Dr. Saleem Janjua, Editor, AdaptNet

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.

---

View this online at: <https://nautilus.org/adaptnet/adaptnet-for-7-october-2014/>

Nautilus Institute

608 San Miguel Ave., Berkeley, CA 94707-1535 | Phone: (510) 423-0372 | Email:

[nautilus@nautilus.org](mailto:nautilus@nautilus.org)