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# AdaptNet for 9 February 2010

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## Climate Adaptation Assessment - Torres Strait Islands, Australia

The paper explores whether existing scientific data for the Torres Strait region are adequate to plan adaptation strategies and to underpin reliable future climate projections. It finds that the vulnerability of communities to climate variability and change over coming decades is likely to be even more dependent on changes in the intensity and frequency of weather and climate extremes.

[An Assessment of Climate Change Impacts and Adaptation for the Torres Strait Islands, Australia](#), Donna Green et al., Climatic Change, Springer, Published online: 11 December [subscription required]

## Climate Change and the Resilience of Ho Chi Minh City

The paper summarises the impacts of climate change on urban development in Ho Chi Minh City. It provides a framework for using an 'urban structure approach' to guide planning and the development responses. By taking an example of Ho Chi Minh City, the paper discusses how to integrate climate adaptation into planning policy, the location of development, site layout and building design.

[Climate Change and the Resilience of Mega-cities in South-East-Asia: Creating Risk-Based Climate Change Information for Ho Chi Minh City's Settlements](#), Harry Storch, Nigel Downes, Kiduk Moon, Proceedings REAL CORP-2009, Tagungsband, 2009 [1.55 MB, PDF]

## **Human Dimensions of Global Environmental Change**

The paper examines the human dimensions of global environmental change. It illustrates the presence of strong interlinkages between socio-ecological systems and global change. The paper argues that environmental impact of global change can both add to social vulnerability and change resilience by altering the supply of ecosystem services and the trade-offs which can occur.

[The Human Dimensions of Global Environmental Change: Ecosystem Services, Resilience, and Governance](#), A. Rechkemmer and L. von Falkenhayn, The European Physical Journal Conferences, no. 1, pp. 3-17, 2009 [1.01 MB, PDF]

## **Estimating Adaptation Needs for the Least Developed Countries**

This study considers losses from extreme weather events as an indicator of a state's overall vulnerability. It argues that large-scale impacts on human development and the environment in least developed countries will occur between now and 2030 unless there is urgent international financial assistance to help them adapt to climate-related extreme events.

[Estimating Least-developed Countries' Vulnerability to Climate-related Extreme Events over the Next 50 Years](#), Anthony G. Patt et al., Proceedings in the National Academy of Sciences - PNAS (early edition), January 2010 [461 KB, PDF]

## **Climate Change and Gender Justice**

This book considers how gender issues are entwined with people's vulnerability to the effects of climate change, and how gender identities and roles may affect women's and men's perceptions of the changes. It contains case studies that show how women and men in developing countries are experiencing climate change and describe their efforts to adapt their ways of making a living to ensure survival, often against extraordinary odds.

[Climate Change and Gender Justice](#), Working in Gender & Development Series, Geraldine Terry (editor), Oxfam and Practical Action Publishing, November 2009 [986 KB, PDF]

## **UGEC Science & Practice Conference - October 2010**

The Urbanization and Global Environmental Change (UGEC) project will host a conference from October 15-17, 2010 at Arizona State University. The conference will provide a wide perspective of current knowledge of the dynamic and complex interactions between urbanization and global

environmental change. It will also discuss the best alternatives to operationalise that knowledge in urban governance in high-middle- and low-income countries. Abstracts may be submitted by 15 April 2010.

[1st International UGEC Science & Practice Conference](#), The Urbanization and Global Environmental Change (UGEC) Project, Arizona State University, Tempe, Arizona, 15-17 October 2010

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Nautilus Institute

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

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