

AdaptNet for 23 October 2007

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1. Australian Agriculture Sector - Opportunities and Risks

The paper discusses the implications of climate change on Australia's agricultural sector. It outlines the global and national context for action. The paper identifies a number of issues flowing from climate change that could become either opportunities or risks for rural Australia, depending on how well they are managed.

[Agricultural Alliance on Climate Change](#), The Climate Institute and Cambiar Change Business, Agricultural Alliance Issues Paper, NSW, Australia, July 2007 [PDF]

2. Urban Vulnerability to Climate Change - India

The paper reviews the risks that climate change will bring to India's urban populations and discusses who is most vulnerable in cities. It outlines a possible urban climate change adaptation and mitigation framework for India. The paper provides a window of opportunity for India to chart a more independent traverse to a more sustainable future.

[Climate Change Risk: A Mitigation and Adaptation Agenda for Indian Cities](#), Aromar Revi, Global Urban Summit, Rockefeller Foundation, Bellagio, Italy, July 08-13, 2007 [PDF]

3. Adaptation: What U.S. States and Localities are Doing

Impacts of climate change are already appearing in the United States. The paper describes actions being undertaken by US states and localities to prepare for the effects of climate change. It

concludes that adaptation planning is gaining greater attention and resources from states and localities.

[Overview: Adaptation Planning: What U.S. States and Localities are Doing](#), Pew Center on Global Climate Change, July 2007 [PDF]

4. Tropical Cyclones and Damages - Sensitivity Analysis

The paper finds that efforts to reduce vulnerability to losses, often called climate adaptation, have far greater potential effectiveness to reduce damage related to tropical cyclones than efforts to modulate the behaviour of storms through greenhouse gas emissions reduction policies, typically called climate mitigation and achieved through energy policies.

[Future Economic Damage from Tropical Cyclones: Sensitivities to Societal and Climate Changes](#), Roger A. Pielke Jr., Philosophical Transactions of the Royal Society, London, UK, 2007 DF]

5. Sea Level Rise Due to Climate Change - Developing Countries

The paper assesses the consequences of continued sea level rise (SLR) for 84 developing countries. It uses Geographic Information System (GIS) to overlay spatially- disaggregated global data on critical impact elements. Results reveal that hundreds of millions of people in the developing world are likely to be displaced by SLR within this century.

[The Impact of Sea Level Rise on Developing Countries: A Comparative Analysis](#), Susmita Dasgupta et al., World Bank Policy Research Working Paper 4136, World Bank, February 2007 [PDF]

6. Food Security and Environmental Change - Conference

A conference is being held from April 02-04, 2008 at the University of Oxford. It aims to engage the research and policy communities addressing food security, environmental change and food policy. Abstracts (for oral and poster presentation) at the conference may be submitted by 31 October 2007.

[Food Security and Environmental Change: Linking Science, Development and Policy for Adaptation - An International Conference](#), Global Environmental Change and Food Systems, Food Security Conference Secretariat, Elsevier, Oxford, UK, April 02-04, 2008

Subscription information

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Translations

- [Terjemahan dalam Bahasa Indonesia](#).
- [AdaptNet in Vietnamese](#).

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