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Areas Affected by Mosquito-spread Diseases - Implications

The study highlights the potential dangers associated with reactive adaptation to climate change. It utilises a model of the distribution and abundance of the 'Aedes aegypti' mosquito in Australia to simulate the response of dengue transmission in a changing climate. The study stresses the need for development of more strategic and holistic views of climate change and adaptation policy.

Integrating Biophysical Models and Evolutionary Theory to Predict Climatic Impacts on Species' Ranges: The Dengue Mosquito Aedes Aegypti in Australia, Michael Kearney et al., Functional Ecology, British Ecological Society, 2009 [662 KB, PDF]

Climate Change Challenge – Role of Cities

The paper explores the rationale for why cities, their governments and their energy use patterns should be the focus of considerable attention. It argues that cities and their governments can play a crucial role in helping to address the climate change challenge and achieve a sustainable energy future.

Cities and Energy: A Discussion Paper, Nigel Jollands, OECD International Conference: Competitive Cities and Climate Change, Milan, Italy, 2008 [132 KB, PDF]

Adaptation and Mitigation – The Path to Sustainable Communities

This paper examines the concept of a development path to address climate change adaptation and mitigation. It focuses on infrastructure and communities. The paper looks at the role that 'sustainable communities' can play in achieving long-term climate change adaptation and mitigation goals.

Infrastructure & Communities: The Path to Sustainable Communities, John Robinson, (lead author), Pacific Institute for Climate Solutions, University of Victoria, BC, Canada, November 2008 [319 KB, PDF]

Gaps in Adaptation Knowledge and Action – South Asia

The report presents a South Asia-wide review of climate change adaptation research. It identifies present knowledge, gaps related to adaptation and application including the current practice of research. The report explores how groups in the vulnerable areas of the region are likely to experience stresses from impacts of climate change.

Climate Adaptation in Asia: Knowledge Gaps and Research Issues in South Asia – Full Report of the South Asia Team, ISET-International and ISET-Nepal, Kathmandu, Nepal, 2008 [700 KB, PDF]

Climate Change Adaptation and the Water Sector

The report, using the examples of Niger and north-east Brazil, identifies how climate adaptation can be integrated within the water sector. It looks at how the changing climate is impacting the way poor people manage their water resources, their adaptive responses to climate variability, and associated needs to help support these responses.

Separate Streams? Adapting Water Resources Management to Climate Change, Merylyn Hedger and Jane Cacouris, Tearfund, UK, November 2008 [379 KB, PDF]

Adaptation Strategies and Actions for Coastal Areas - Workshop

This workshop will take place in Manado (North Sulawesi), Indonesia on 11 May 2009. It will provide an opportunity for sharing experiences and utilising participant cases to explore the different starting points for understanding coastal strategies to mainstream adaptation measures into projects, places and national policy. For more information, please go to the website below.

Workshop on Climate Change Adaptation Strategies and Actions for Coastal Areas at World Ocean Conference – Indonesia, Mangroves for the Future Secretariat, Manado, North Sulawesi, Indonesia, May 11, 2009

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