AdaptNet for 13 November 2007

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1. Vulnerability Assessment of Great Barrier Reef
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1. Vulnerability Assessment of Great Barrier Reef

The book provides information on the Great Barrier Reef, current and future climate scenarios, climate change implications for physical oceanography and the concept of resilience. It assesses the vulnerability of Great Barrier Reef species, habitats and key processes to climate change. The book identifies possible ways to respond to the climate change challenge.

Climate Change and the Great Barrier Reef: A Vulnerability Assessment, Johnson JE and Marshall PA (editors), Great Barrier Reef Marine Park Authority and Australian Greenhouse Office, Australia, Commonwealth of Australia, 2007

2. Comparison of the UHI – Dallas and Houston

The similarities of the networks of surface meteorology and chemistry sensors in Dallas and Houston allow for the comparison of their urban heat islands (UHI). The paper looks at the UHI effects on the surface winds of both cities. It examines surface ozone patterns to assess if changes in surface winds and boundary layer heights due to the UHI affect the transport and horizontal variability of surface ozone.

Comparison of the Urban Heat Island Signatures of Two Texas Cities: Dallas and Houston, Lisa S. Darby, Christoph J. Senff and Boulder CO, American Meteorological Society, Boston, MA, September 2007 [PDF]

3. Climate Change in Indonesia – Policy Gaps and Constraints

The report discusses emissions, impacts, and policy constraints faced by Indonesia to cope with climate change. It highlights several key gaps in policies and mechanisms in sectors related to climate change. The report provides the most up-to-date information on Indonesia and climate change that can serve as a starting point for further discussions on the issue.

Indonesia and Climate Change: Current Status and Policies, PT Pelangi Energi Abadi Citra Enviro (PEACE), World Bank and DFID, Jakarta, Indonesia, May 2007 [PDF]

4. Assessing Guidelines for Adaptation Policy to the Health Risks

The paper identifies key characteristics of the climate-health relationship. It analyzes whether these characteristics are appropriately considered in existing guidelines for climate impact and adaptation assessment. The paper finds three assessment guidelines based on a generalized risk management framework to be the most useful for guiding adaptation assessments of human health.

Assessing Adaptation to the Health Risks of Climate Change: What Guidance Can Existing Frameworks Provide?, Hans-Martin Füssel, International Journal of Environmental Health Research, Vol. 17, No. 4, August 2007 [PDF]

5. Community Based Adaptation – San Pedro del Norte

The document provides some insights for the discussion on community based adaptation to climate variability and climate change. It emphasizes the importance of ecosystem restoration for improving resilience in agriculture and water resources in the dry tropics of Nicaragua. The case described in this document refers to San Pedro del Norte.

Community Based Adaptation to Climate Variability and Change in Agriculture and Water Resources in the Dry Tropics of Nicaragua: The Case of San Pedro del Norte, Carlos J. Perez, Raffaele Vignola and Hernan Perez E, Tropical Forests and Climate Change Adaptation (Trofcca), CATIE and Both ENDS, 2007 [PDF]

6. What's Next – IPCC Conference: Berlin

The conference will take place between the two important international events: a few days after the approval and adoption of the Synthesis Report of the IPCC AR4 and ten days before the UN Climate Conference will start. It aims at identifying key elements for the negotiations in Bali and the post 2012 process. There is no fee for attendance but prior registration is required.

What’s Next? – Policy Responses to the IPCC Fourth Assessment Report (Conference), Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), German IPCC Coordination Office and European Climate Forum, Berlin, Germany, November 23, 2007

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