AdaptNet for 3 July 2007

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1. Vulnerability of Health Services to Climate Change
2. Integrating Carbon Management in Urban Policies
3. External Interventions in Uganda's Climate Policy
4. BRDSEM - A Model to Cope with Basin Water Shortages
5. Municipal Adaptation Plan (MAP) - Climate Change
6. Final International ASTRA Conference - 2007

1. Vulnerability of Health Services to Climate Change

The presentation highlights the implications of climate change on human health and health infrastructure in Australia. It aims to refine understanding of the impacts of extreme weather events on human health, services and infrastructures. The presentation assesses the current adaptive capacity and identifies practical adaptation and mitigation strategies for the future.

The Impact of Climate Change on Health Facilities: A Preliminary Investigation of Mitigation and Adaptation Strategies, Jane Carthey and Venny Chandra, Centre for Health Assets Australasia, Faculty of the Built Environment, UNSW, 23 Feb 2007 [PDF]

2. Integrating Carbon Management in Urban Policies

The paper explores how carbon management could be integrated into the development strategies of cities and urbanizing regions. It identifies system linkages and points of leverage. The paper draws primarily on emission inventories and regional development histories carried out in the regions around the cities of Manila, Jakarta, Ho Chi Minh City, New Delhi, and Chiang Mai.

Integrating Carbon Management into the Development Strategies of Urbanizing Regions in Asia: Implications of Urban Function, Form, and Role, Louis Lebel et al., Journal of Industrial Ecology,

Volume 11, Number 2, The Massachusetts Institute of Technology and Yale University, 2007 [PDF]

3. External Interventions in Uganda's Climate Policy

The article explores the impact of external interventions on implementation of global policies on climate change in Uganda in the period 1990-2005. It demonstrates that neither national policies nor national management of donor support have secured a country-driven approach to external interventions in Uganda.

National Ownership in the Implementation of Global Climate Policy in Uganda, Karen Holm Olsen, UNEP Risø Centre on Energy, Climate and Sustainable Development (URC), Denmark, Climate Policy, Volume 5, February 2006 [PDF]

4. BRDSEM - A Model to Cope with Basin Water Shortages

The paper describes the structure of Berg River Dynamic Spatial Equilibrium Model (BRDSEM) used to evaluate a wide range of structural, nonstructural, and technological measures for coping with basin water shortages. It illustrates some of the ways BRDSEM can be used to assess the benefits, costs, and risks of avoiding climate change damages by increasing maximum storages capacity in the Berg River Dam.

The Berg River Dynamic Spatial Equilibrium Model: A New Tool for Assessing the Benefits and Costs of Alternatives for Coping with Water Demand Growth, Climate Variability, and Climate Change in the Western Cape, John M. Callaway et al., Assessments of Impacts and Adaptations to Climate Change (AIACC) Working Paper No. 31, June 2006 [PDF]

5. Municipal Adaptation Plan (MAP) - Climate Change

The paper presents an overarching framework for a municipal level approach to adapting sectors to climate impacts, and highlights examples of potential impacts for the city of Cape Town. It suggests some potential adaptation actions and possible interventions. The paper does not make stakeholder consultation or assessment of the city's capacity to plan and implement an adaptation program as this is the initial framework for developing and implementing a plan.

Developing a Municipal Adaptation Plan (MAP) for Climate Change: The City of Cape Town, Pierre Mukheibir and Gina Ziervogel, Environment & Urbanization, Vol. 19, No. 1, April 2007 [PDF]

6. Final International ASTRA Conference - 2007

The Final International ASTRA Conference is being held on 10 and 11 December 2007 at the Geological Survey of Finland in Espoo. The conference serves as a discussion platform on how climate change adaptation processes can benefit from regional development in the Baltic Sea Region. The participation in the conference is free of charge. For further information, invitation / registration forms please visit the address given below.

Final International ASTRA Conference, the BSR Interreg IIIB Project ASTRA - Developing Policies and Adaptation Strategies to Climate Change in the Baltic Sea Region, Espoo, Finland, December 10-11, 2007

Subscription information

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