AdaptNet for 27 March 2007

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1. Climate Change Impacts and their Costs
2. Land Transactions in Russian Federation: Statistical Analysis
3. ExxonMobil's Disinformation Campaign - Climate Science
4. Dynamic Nature of Vulnerability – Cuban Example
5. Climate Impacts on Urban Water Demand: Case Study of Hamilton
6. Climate Change and Human Health Conference 2007

1. Climate Change Impacts and their Costs

This report sets out a framework for assessing the economic costs of climate change impacts. It provides an overview of the key issues relevant to economic assessment of the impacts of climate change and the methods and tools potentially applicable to their costing. It is one of two complimentary studies.

Economic Issues Relevant to Costing Climate Change Impacts, Marsden Jacob Associates, Australian Greenhouse Office, 2004 [PDF].

2. Land Transactions in Russian Federation: Statistical Analysis

The paper analyzes land transactions between municipalities and private businesses in 15 regions of the Russian Federation. It shows that many sub-national authorities (owning or controlling the vast majority of land of interest to businesses) appear to use a combination of high statutory land buyout prices and administrative barriers to deter land privatization.

Survey of Land and Real Estate Transactions in the Russian Federation – Statistical Analysis of

Selected Hypotheses, Gregory Kisunko and Jacqueline Coolidge, World Bank Policy Research Working Paper 4115, January 2007 [PDF].

3. ExxonMobil's Disinformation Campaign - Climate Science

The report documents ExxonMobil's central role in the current disinformation campaign about climate science. It documents who's behind it, and how it has been able—so far—to successfully mislead the public, influence government policies, and forestall action to reduce global warming emissions. It provides a set of steps elected officials, investors and citizens can take to neutralize ExxonMobil's disinformation campaign.

Smoke, Mirrors & Hot Air - How ExxonMobil Uses Big Tobacco's Tactics to Manufacture Uncertainty on Climate Science, Seth Shulman et.al, Union of Concerned Scientists, January 2007 [PDF].

4. Dynamic Nature of Vulnerability – Cuban Example

The paper discusses the concept of social vulnerability and its dynamic nature within the climate change literature. Using Cuba as an example, it considers ways that economic changes influence vulnerability. It assesses social networks' contribution to improving understanding of the complexity of coping capacity and social vulnerability to global change processes.

Climate Vulnerability in Cuba: The Role of Social Networks, Linda Sygna, CICERO Working Paper 2005:01, Center for International Climate and Environmental Research, October 2005 [PDF].

5. Climate Impacts on Urban Water Demand: Case Study of Hamilton

The paper investigates possible water use and infrastructure needs for a range of climate and population projections by considering the case of Hamilton City, New Zealand. As population increases, the effect of climate variables on per-capita consumption magnifies. Water supply shortages in 2030 occur with a 30-40% probability, suggesting needs for long-term capacity expansion.

Adaptation of Urban Water Supply Infrastructure to Impacts from Climate and Socioeconomic Changes: The Case of Hamilton, New Zealand, Matthias Ruth et.al, Water Resources Management Journal, July 2006 [PDF].

6. Climate Change and Human Health Conference 2007

Climate Change and Human Health Conference 2007 is taking place on 16-17 October 2007 in Melbourne, Australia. Abstracts / papers that offer current knowledge about human health and social impacts of climate change are welcome. For additional information visit the conference website (below).

Climate Change and Human Health Conference 2007, Department of Human Services, 16-17 October 2007, Park Hyatt, Melbourne, Australia.

Subscription information

AdaptNet is a free weekly report produced by RMIT University Global Cities Institute's Climate Change Adaptation Working Group. It is produced in partnership with the Victorian Government's Department of Sustainability and Environment and the Australian Centre for Science, Innovation and Society at Melbourne University, Australia.

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