

AdaptNet for 8 July 2008

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Policy Forum: <u>How to Create Exponential Decline in Car Use in Australian Cities</u> - Peter Newman, <u>Jeff Kenworthy and Garry Glazebrook</u>

1. Climate Change and Regional NRM Bodies - Australia

Climate change poses enormous challenges for natural resource management (NRM) in Australia. The document considers that Australian regional NRM bodies need to develop their own approaches to climate change in individual regions. It points to some ideas and resources for further support and information.

Managing Australian Landscapes in a Changing Climate: A Climate Change Primer for Regional Natural Resource Management Bodies, Andrew Campbell, Department of Climate Change, Australian Government, Canberra, 2008 [PDF]

2. Sustainable Urban Infrastructure - A View to 2025

The report examines the ecological side of sustainability, covering greenhouse gas emissions, water use and waste in cities. It focuses in particular on the example of London. The report provides an environmental profile of where the city stands today, and how it can use a variety of technologies to achieve key sustainability goals by 2025.

<u>Sustainable Urban Infrastructure, London Edition - a view to 2025</u>, Research Conducted by McKinsey & Company, James Watson (editor), Economist Intelligence Unit, Siemens AG, June 2008 [

3. Post-2012 Climate Regime: Canadian Perspectives

The paper examines how the various possible elements of a post-2012 climate regime fit with Canadian interests. Using this lens, it looks at mitigation, adaptation, technology, and financing and investment - reviewing the options and assessing how Canadian strengths and interests might best be addressed.

<u>A Way Forward: Canadian Perspectives on Post-2012 Climate Policy</u>, John Drexhage, Deborah Murphy and Jenny Gleeson (editors), International Institute for Sustainable Development-IISD, Canada, 2008 [PDF]

4. Estimating the Economic Cost of Sea-Level Rise

The report utilizes various tools: an economic model (EPPA), a set of climate model (IGSM) outputs, and two databases (DIVA and G-Econ). It derives and extends the sea-level rise cost function (originally developed by Fankhauser-F95a) and applies it to a new database on coastal vulnerability developed as part of the DIVA (Dynamic Interactive Vulnerability Assessment) tool.

<u>Estimating the Economic Cost of Sea-Level Rise</u>, Masahiro Sugiyama, Robert J. Nicholls and Athanasios Vafeidis, Report No. 156, Joint Program on the Science and Policy of Global Change, Massachusetts Institute of Technology-MIT, Cambridge MA, USA, April 2008 [PDF]

5. Children's Role in Climate Change Adaptation

To enhance the integration of climate change issues into national and sectoral planning and policies, children have a valuable insight to offer and have a right to be consulted. The paper introduces the policy spaces and challenges in the case of children's participation in climate debate based on their unique experiences, knowledge and capabilities.

A Right to Participate: Securing Children's Role in Climate Change Adaptation, Children in Changing Climate, London, UK, 2008 [PDF]

6. Symposium on Food and Water Sustainability in Asia 2008

The symposium (Food and Water Sustainability in Asia 2008) will be held in Macau, China from 06-08 October 2008. It intends to provide opportunities to develop academic networks among researchers engaged in issues relevant to food and water sustainability in Asian region. Papers/posters may be submitted by 31 July 2008.

<u>Second International Symposium on Food and Water Sustainability in Asia 2008</u>, Transdisciplinary Initiative for Global Sustainability (TIGS), University of Tokyo; and University of Macau, Macau, China, October 6-8, 2008

How to Create Exponential Decline in Car Use in Australian Cities - Peter Newman, Jeff Kenworthy and Garry Glazebrook

Peter Newman and Jeff Kenworthy, Professors of Sustainability at Curtin University, Perth; and Garry Glazebrook, Senior Lecturer at University of Technology, Sydney, write, "It is possible to imagine an exponential decline in car use in our cities that could lead to 50% less passenger kms driven in cars. The key mechanism is a quantitative leap in the quality of public transport whilst fuel

prices continue to climb, accompanied by an associated change in land use patterns."

How to Create Exponential Decline in Car Use in Australian Cities, Peter Newman, Jeff Kenworthy and Garry Glazebrook, AdaptNet Policy Forum 08-06-E-Ad, 08 July 2008

Subscription information

AdaptNet is a free weekly report produced by <u>RMIT University Global Cities Institute</u>'s <u>Climate Change Adaptation</u> Working Group, Melbourne, Australia.

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Translations

• AdaptNet in English: 2006, 2007, 2008.

• Terjemahan dalam Bahasa Indonesia: 2007, 2008.

• AdaptNet in Vietnamese: 2007, 2008.

• 气候变迁适应性研究网中国版: 2008.

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