AdaptNet for 6 October 2009

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1. Hazard of Extreme Wind Gusts to Buildings in Australia
2. Linking Urban Development to Climate Adaptation and Mitigation
3. Climate Change: Designing Adaptation Policy
4. Wind and Solar Electricity: Challenges and Opportunities
5. Climate Justice - Community Answers to Climate Chaos
6. Global Conference on Oceans, Coasts, and Islands 2010

Hazard of Extreme Wind Gusts to Buildings in Australia

The paper presents a preliminary study on wind-related hazard to the Australian infrastructure. It uses the Australian Bureau of Meteorology (BOM) anemometer data. The paper computes the gust speed by combining cyclonic and non-cyclonic gust hazards, and investigates the sensitivity of wind gust hazard to possible climate change.

Hazard of Extreme Wind Gusts to Buildings in Australia and its Sensitivity to Climate Change, Wang, C-H and X Wang, Division of Sustainable Ecosystems, CSIRO - Australia, The 18th World IMACS Congress and MODSIM09 Cairns, Australia, July 2009 [471 KB, PDF]

Linking Urban Development to Climate Adaptation and Mitigation

The paper identifies some viable urban development strategies for contributing both to the mitigation and adaptation to climate change. It takes an example of the city of Cuenca in Spain. The paper provides an integrative approach, successful precedents, and draws lessons for action on

urban form, land use, and local economic development.

Linking Urban Development and Climate Change Mitigation and Adaptation in a Small City: An Approach in Cuenca, Spain, Pablo Vaggione and Elda Solloso, Fifth Urban Research Symposium, France, 2009 [1.66 MB, PDF]

Climate Change: Designing Adaptation Policy

The report contributes to the development of Canadian climate adaptation policies targeted at extreme weather events. It is primarily concerned with community climate adaptation. The report analyses two sectors that are particularly sensitive to extreme weather events – emergency management and infrastructure – and identifies specific adaptation actions in these areas.

Climate Change and Extreme Weather: Designing Adaptation Policy, Background Report, Dan Henstra and Gordon McBean, Adaptation to Climate Change Team (ACT) and Simon Fraser University, Vancouver, September 2009 [704 KB, PDF]

Wind and Solar Electricity: Challenges and Opportunities

The report examines three primary obstacles to deployment of wind and solar power: cost, variability of generation, and lack of transmission. It explains these challenges, explores policy options for addressing them, and describes the implications of future scenarios that entail significantly higher levels of electricity generation from wind and solar power.

Wind and Solar Electricity: Challenges and Opportunities, Paul Komor, University of Colorado at Boulder, Pew Center on Global Climate Change, Arlington, VA, USA, June 2009 [596 KB, PDF]

Climate Justice - Community Answers to Climate Chaos

The report demonstrates that poor communities in the developing world can be a significant part of the climate change solution. It argues for a stronger role for civil society and community organisations in the global response to climate chaos, and the need for rich countries to foot the bill via a new funding body.

Community Answers to Climate Chaos: Getting Climate Justice from the UNFCCC, Christian Aid, September 2009 [2.39 MB, PDF]

Global Conference on Oceans, Coasts, and Islands 2010

This conference will take place on May 3-7, 2010 at UNESCO, Paris. It will provide the opportunity for participants to address the major issues affecting the oceans at global, regional, and national levels and to make progress in advancing the global oceans agenda. Abstracts may be submitted by 9 October 2009 to Dr. Miriam Balgos; mailto: mbalgos@udel.edu

5th Global Conference on Oceans, Coasts, and Islands: Ensuring Survival, Preserving Life, Improving Governance, Global Forum on Oceans, Coasts, and Islands, UNESCO, Paris, France, 3-7 May, 2010 [553 KB, PDF]

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