



AdaptNet for 29 May 2007

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1. Climate Change: Projections, Impacts and Actions
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5. Public Participation: Climate Change Adaptation
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1. Climate Change: Projections, Impacts and Actions

The overview presents projections of climate change for the 21st century, potential impacts and actions required. Warmer and drier conditions are expected, with more extreme events. Extreme weather will impact urban living. Water resources are likely to be further stressed. Risk management requires consideration of low probability, high impact scenarios.

[Climate Science Overview](#), Andrew Ash, Brisbane Presentation, Risk Management Guidance Workshops - 30 May to 14 June 2006, Australian Greenhouse Office, 14 June 2006 [PDF]

2. Projected Impacts of Long Drought on California

The presentation estimates effects of extreme severe and sustained drought in California. The study uses year 2020 projected demands and infrastructure in the CALVIN (Economic-Engineering) model of California Water Supply. There are severe regional, economic and water supply effects. Considerable institutional flexibility will be required to respond to such a severe and prolonged drought.

[California's Great Drought of 900 AD in the Year 2020](#), Julien Harou et al., UC Davis, Civil and Environmental Engineering, CSU East Bay, Geography, 2006 [PDF]

3. Climate Change Actions Vs Economic Growth

The paper demystifies the myth that serious action on climate change would damage the economy. Projections based on 11 international models demonstrate that Australia could reduce its greenhouse emissions by at least 60% by 2050, and average income would still increase to \$177,000 by 2100 - instead of reaching \$185,000 with no action and a dangerously changed climate.

[Will Climate Change Cost Us the Earth](#), Peter Cosier, Peter Cosier, Wentworth Group of Concerned Scientists, Green Capital Conference, Sofitel Wentworth-Sydney, November 09, 2006, Melbourne-Sofitel, November 15, 2006 [PDF]

4. Climate Costs for Coconut Production in Sri Lanka

The paper assesses the economic value of climate variability on annual coconut production in Sri Lanka. Climate variability causes income losses estimated at USD32-73 million in years of extreme crop shortage and income gains of USD 42-87 million in years of extreme crop surplus. Significant economic benefits from investments in adaptations are achievable reducing variability in climate.

[Economic Value of Climate Variability: Impacts on Coconut Production in Sri Lanka](#), M T N Fernando et al., Assessments of Impacts and Adaptations to Climate Change (AIACC) Working Paper No. 45, March 2007 [PDF]

5. Public Participation: Climate Change Adaptation

The paper advocates public inclusion in decision-making on climate change adaptation. It reviews experience and critiques of participation in other areas of environmental governance. The paper discusses these in the light of recent empirical research on climate change and coastal zone governance in the UK. It further draws lessons for climate change adaptation policy.

[Public Participation and Climate Change Adaptation](#), Roger Few, Katrina Brown and Emma L. Tompkins, Tyndall Centre for Climate Change Research, Working Paper 95, April 2006 [PDF]

6. HydroChange 2008 - Conference

The conference aims to integrate problems from headwater to the ocean which may occur globally in the future because of climate change and increase in population on earth. For submission of abstracts and registration details, please go to the conference website (below).

[HydroChange 2008 in Kyoto: Hydrological Changes and Managements from Headwater to the Ocean](#), Research Institute for Humanity and Nature (RIHN), October 01-03, 2008, Kyoto Garden Palace, Kyoto, Japan.

Subscription information

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