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Assessing Resilient Urban Systems - VCCCAR Brief

This brief considers the ways in which stakeholders interact with community-scale energy and water infrastructure systems, and the implications for improving infrastructure resilience to climate change. It examines some key findings arising from research on the resilience and adaptive capacity of energy and water infrastructure systems in two Melbourne housing developments - one in the city's outer north and the other in a rapidly gentrifying inner suburb.

Assessing Resilient Urban Systems: Policy Brief, Che Biggs et al., Climate Adaptation for Decision-Makers' series, The Victorian Centre for Climate Change Adaptation Research (VCCCAR), Melbourne, Australia, April 2011 [932 KB, PDF]

Coping with Climate Change: Principles and Asian Context

This book addresses the environmental and climatic issues in Asia. It includes chapters on: climate change & hydro-meteorological risks in Asia; climate and non climatic hazards; early warning

systems and their effectiveness in Asia; disaster risk reduction and climate change adaptation in Asia; regional climate change prediction; hazard and risk assessment; sea level change in Asia, amongst others.

Coping with Climate Change: Principles and Asian Context, Ramesha Chandrappa et al., Springer, pp. 370, 2011 [subscription/payment required]

Knowledge Co-production in Climate Adaptation Projects

The paper develops a working definition of 'successful knowledge co-production' and discusses its merits and limitations by examining climate adaptation related projects. It sets out the general framework for analyzing literature at the intersection of the sociology of knowledge and science and technology policy studies. The paper then goes on to nominate a tentative list of six potential levers for action in, and design of, knowledge coproduction projects.

Knowledge Co-production in Climate Change Adaptation Projects: What are the Levers for Action? Dries Hegger et al., Paper Presented at the 2011 Colorado Conference on Earth System Governance, Fort Collins, Colorado, 17-20 May, 2011 [135 KB, PDF]

Security Implications of Climate Change for U.S. Naval Forces

The report notes that rising sea levels accompanied by stronger, more frequent storm surges could leave U.S. naval installations vulnerable. It estimates that approximately $100 billion of Navy installations would be at risk from sea-level rise of 1 meter or more. The report argues that the U.S. naval forces should begin now to strengthen capabilities in the Arctic, prepare for more frequent humanitarian missions, and analyze potential vulnerabilities of seaside bases and facilities.

National Security Implications of Climate Change for U.S. Naval Forces, Committee on National Security Implications of Climate Change for U.S. Naval Forces, National Academy of Sciences, Washington, D.C., 2011 [downloadable free if register]

Adaptation through Land Use Planning and Disaster Management

The paper reviews the key planning principles to deal with climate change and develops an integrated framework for linking climate change with land use planning and disaster management. It examines how local government perspectives on disaster management are linked to climate change and land use planning. The paper provides a useful context for discussion of local government perspectives on climate change, disaster management and land use planning and for the identification of key planning challenges facing them.

Climate Change Adaptation through Land Use Planning and Disaster Management: Local

Government Perspectives from Queensland, 17th Pacific Rim Real Estate Society Conference "Climate change and property: Its impact now and later", Gold Coast, 16 -19 January 2011 [244 KB, PDF]

The State of Australian Cities Conference - Melbourne

5th State of Australian Cities conference will take place at the University of Melbourne, Australia from November 29 to December 2, 2011. It aims to bridge the divide between research and policy, with a strong emphasis on training the next generation of researchers, on disciplinary based approaches to research towards better cities in a better country. Early bird registration closes on September 30, 2011.

The State of Australian Cities Conference, Convened by the Australian Sustainable Cities and Regions Network –ASCRN, the University of Melbourne, Australia, November 29 to December 2, 2011

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