

AdaptNet for 6 March 2012

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Adaptation to Climate Change for Australian Infrastructure

The report examines the regulatory frameworks affecting some of Australia's most important infrastructure to determine the extent to which these frameworks constitute barriers to climate adaptation or facilitate effective adaptation. The sectors it examines include the built environment, environment assessment and critical infrastructure of water, energy, transport and communications.

[The Role of Regulation in Facilitating or Constraining Adaptation to Climate Change for Australian Infrastructure](#), Report for the Department of Climate Change and Energy Efficiency, Canberra, Australia, 2012 [1.36 MB, PDF]

Climate Change and Water Conflict - Central Asia

Based on hydrological data and other information, this paper finds that the currently existing international water management institution in the Syr Darya has failed. It examines (by using a coupled climate, land-ice, and rainfall-runoff model) whether, in the absence of an effective water allocation mechanism in this international catchment, climate change is likely to make existing international tensions worse.

[Climate Change and International Water Conflict in Central Asia](#), Thomas Bernauer and Tobias Siegfried, Journal of Peace Research, vol. 49, no. 1, pp. 227-239, 2012 [subscription required]

Adaptation to Climate Change by Organizations

The paper reviews recent literature on organizational adaptation to climate variability and change. It argues that three approaches are applied in studies of organizational adaptation: utility-maximizing, behavioral, and institutional approaches. The paper argues that adaptive responses by organizations are conditioned by the processes of perception, evaluation, enactment, and learning by organizations.

[Adaptation to Climate Change by Organizations](#), Frans Berkhout, WIREs Climate Change, vol. 3, 2012, pp. 91-106, 2012 [177 KB, PDF]

Formulating Climate Adaptation Policy under Uncertainty

The paper finds that, unlike economics, no comparably straightforward approach has emerged in the adaptation literature so far to dealing with uncertainty. By acknowledging that the hallmark of future climate change effects is uncertainty rather than readily identifiable and deterministic outcomes, the paper argues that it is possible to formulate coherent climate policy approaches.

[Adaptation to Climate Change: Formulating Policy under Uncertainty](#), Leo Dobes, CCEP Working Paper 1201, Crawford School of Economics and Government, Australian National University (ANU), Canberra, Australia, 2012 [658 KB, PDF]

Ageing, the Built Environment and Adaptation to Climate Change

The paper identifies the generic sensitivities of older people to climate induced exposures and the capacity to adapt the built environment to ameliorate this cohort's vulnerability to climate change. It examines Australia's response to climate change and population ageing. The paper finds that these issues have been addressed in isolation with little attention paid to compounding effect each has on the other.

[Ageing, the Built Environment and Adaptation to Climate Change](#), Tracie Harvison, Rachelle Newman & Bruce Judd, ACCARNSI Discussion Paper, National Climate Change Adaptation Research Facility (NCCARF), October 2011 [1.18 MB, PDF]

Community Based Adaptation Conference - Hanoi, Vietnam

This conference will take place in Hanoi, Vietnam from 16 - 22 April 2012. It will bring together stakeholders and practitioners to share and discuss knowledge of community-based adaptation (CBA) planning and practices from different parts of the developing world. Abstracts may be submitted before March 30, 2012.

[The Sixth Community Based Adaptation to Climate Change Conference](#), Disaster Management Centre (DMC), Hanoi, Vietnam, 16 - 22 April 2012

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