

Annexure C – Reading List

Module 1: Theory and Concepts of Climate Change and Cities

1. Required reading

Bulkeley H, Betsill M M: Cities and Climate Change: Urban Sustainability and Global Environmental Governance, Volume 4, Routledge Studies in Physical Geography and Environment, London, Routledge, 2003.

- ▶ *This book provides a useful overview on the role of cities in managing global greenhouse gas emissions and climate change. As the title suggests it focuses on the governance arrangements for cities to become active on climate change issues. It includes case studies from the UK and the USA.*

Dodman D: Blaming cities for climate change? An analysis of urban greenhouse gas emissions inventories, Environment and Urbanization 2009 21: 185.

- ▶ *This paper discusses the role of cities in emitting greenhouse gases and contributing to climate change. It assesses the patterns of emissions by cities and sectors and identifies the main drivers for high level greenhouse gas production and how cities can contribute to reducing emissions globally.*

Intergovernmental Panel on Climate Change (IPCC): Climate change 2007: Synthesis report. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change IPCC; 2007.

- ▶ *The last of the IPCC's Assessment Reports provides the most comprehensive overview on current research on climate change, including key climate change concepts such as mitigation and adaptation. The Synthesis Report is a summary of the key findings of each IPCC Working Group.*

Roberts D: Thinking globally, acting locally—institutionalizing climate change at the local government level in Durban, South Africa. Environ Urban 2008, 20:521-537.

- ▶ *This journal article illustrates how climate change considerations became institutionally embedded in Durban's municipal government through an ongoing process of building local capacity and knowledge on climate change impacts.*

Satterthwaite D, Huq S, Reid H, Pelling M, Romero Lankao P: Adapting to climate change in urban areas: the possibilities and constraints in low- and middle-income nations. In Adapting

Cities to Climate Change: Understanding and Addressing the Development Challenges. Edited by Bicknell J, Satterthwaite D. Earthscan; 2009:3-47.

- ▶ *This book chapter provides a valuable introduction to climate risks and vulnerabilities of cities in low-and middle-income countries. Urbanization processes are put in context with climate change, drawing on city examples from various countries.*

2. Supplementary reading

Aall, C. (2011). The early experiences of local climate change adaptation in Norwegian compared with that of local environmental policy, Local Agenda 21 and local climate change mitigation. *Local Environment*, 17(6-7), 579–595. Routledge.
doi:10.1080/13549839.2011.631992

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Adger, N. W., Arnell, N., & Tompkins, E. L. (2005). Successful adaptation to climate change across scales. *Global Environmental Change Part A*, 15(2), 77–86. Elsevier.
doi:10.1016/j.gloenvcha.2004.12.005

Adger, N. W., Dessai, S., Goulden, M., Hulme, M., Lorenzoni, I., Nelson, D., Naess, L. O., et al. (2009). Are there social limits to adaptation to climate change? *Climatic change*, 93(3), 335–354. Springer Netherlands. doi:10.1007/s10584-008-9520-z

Agrawal, A. (2010). Local institutions and adaptation to climate change. *Social Dimensions of Climate Change: Equity and Vulnerability in a Warming World* (pp. 173–198). Washington D.C.: The International Bank for Reconstruction and Development / The World Bank.

Baker, I., Peterson, A., Brown, G., & McAlpine, C. (2012). Local government response to the impacts of climate change: An evaluation of local climate adaptation plans. *Landscape and Urban Planning*, 107(2), 127–136. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0169204612001594>

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Fünfgeld, H., & McEvoy, D. (2011). Framing climate change adaptation in policy and practice. Working Paper. Melbourne: Victorian Centre for Climate Change Adaptation Research. Retrieved from http://www.vcccar.org.au/files/vcccar/Framing_project_workingpaper1_190411.pdf

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Füssel, H.-M. (2007). Vulnerability: A generally applicable conceptual framework for climate change research. *Global Environmental Change*, 17(2), 155–167. Retrieved from <http://www.sciencedirect.com/science/article/B6VFV-4MYMNVY-2/2/74dbc07bddba8c1cf1df12803826ca07>

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