

## Annexure C – Reading List

### Module 2: The Practice of Urban Climate Change Adaptation and Mitigation

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The reading list below is limited to 30 key reading sources. Most sources are freely available on the internet, while some books and journal articles may only be available through your local library. The literature on planning for climate change is growing exponentially; therefore regularly consult the websites of the following organisations for more open source documents: The World Bank, UNISDR, IPCC, UNEP, UN-Habitat, UNFCCC, ProVention, IFRC, UCCRN, and others.

#### Essential reading:

1. Blanco, H., Alberti, M., Forsyth, A., Krizek, K., Rodríguez, D., Talen, E., et al. (2009). Hot, congested, crowded and diverse: Emerging research agenda in planning. *Progress in Planning*, 71, 153-205.
2. Davoudi, S., Crawford, J., & Mehmood, A. (2009). *Planning for Climate Change: Strategies for Mitigation and Adaptation for Spatial Planners*. London: Earthscan.
3. Halsnæs, K., & Verhagen, J. (2007). Development based climate change adaptation and mitigation—conceptual issues and lessons learned in developing countries. *Mitigation and Adaptation Strategies for Global Change*, 12, 665-684.
4. The World Bank. (2012). *Climate Change, Disaster Risk, and the Urban Poor: Cities Building Resilience for a Changing World*. Washington D.C.: International Bank for Reconstruction and Development, The World Bank.
5. UN-Habitat. (2010). *Cities and Climate Change: Initial Lessons from UN-Habitat*. Sustainable Urban Development Network (SUD-Net). Nairobi: United Nations Human Settlement Programme (UN-Habitat).
6. Wamsler, C. (2012). Complementing institutional with localised strategies for climate change adaptation: a South-North comparison. *Disasters*, 36(1), 28-53.

#### Recommended reading:

7. Biesbroek, G., Swart, R., & Van der Knaap, W. (2009). The mitigation-adaptation dichotomy and the role of spatial planning. *Habitat International*, 33, 230–237.
8. Broto, V., & Bulkeley, H. (2012). A survey of urban climate change experiments in 100 cities. *Global Environmental Change*, <http://dx.doi.org/10.1016/j.gloenvcha.2012.07.005> (in press).
9. Bulkeley, H., & Betsill, M. (2005). *Cities and Climate Change: Urban Sustainability and Global Environmental Governance*. Oxon: Routledge.
10. Christensen, J., Hewitson, B., Busuioc, A., Chen, A., Gao, X., Held, I., et al. (2007). Regional climate projections. In S. Solomon, D. Qin, M. Manning, Z. Chen, M. Marquis, K.

- Averyt, et al., *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge: Cambridge University Press.
11. Feiden, P. (2011). *Adapting to Climate Change: Cities and the Urban Poor*. Washington D.C.: International Housing Coalition.
  12. Grazi, F., & Van den Bergh, J. (2008). Spatial organization, transport, and climate change: Comparing instruments of spatial planning and policy. *Ecological Economics*, 67 (4), 630-639.
  13. Hamin, E., & Gurran, N. (2009). Urban form and climate change: Balancing adaptation and mitigation in the U.S. and Australia. *Habitat International*, 33, 238-245.
  14. IPCC. (2007). *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*. [Core Writing Team, Pachauri, R.K and Reisinger, A. (eds.)]. Geneva: Intergovernmental Panel for Climate Change.
  15. Laukkonen, J., Blanco, P., Lenhart, J., Keiner, M., Cavric, B., & Kinuthia-Njenga, C. (2009). Combining climate change adaptation and mitigation measures at the local level. *Habitat International*, 33, 287–292.
  16. Parnell, S., Simon, D., & Vogel, C. (2007). Global environmental change: conceptualising the growing challenge for cities in poor countries. *Area*, 39 (2), 357-369.
  17. Pelling, M., & Wisner, B. (2009). *Disaster Risk Reduction: Cases from Urban Africa*. London: Earthscan.
  18. Rajib, S., & Sharma, A. (2011). *Climate and Disaster Resilience in Cities*. Bedfordshire: Emerald.
  19. Roy, M. (2009). Planning for sustainable urbanisation in fast growing cities: Mitigation and adaptation issues addressed in Dhaka, Bangladesh. *Habitat International*, 33, 276-286.
  20. Ruth, M. (2006). *Smart Growth and Climate Change: Regional Development, Infrastructure and Adaptation*. Cheltenham: Edward Elgar Publishing Ltd.
  21. Sanchez-Rodriguez, R. (2009). Learning to adapt to climate change in urban areas. A review of recent contributions. *Current Opinion in Environmental Sustainability*, 1, 201-206.
  22. Steele, W., MacCallum, D., Byrne, J., & Houston, D. (2012). Planning the climate-just city. *International Planning Studies*, 17(1), 67-83.
  23. The World Bank Group. (2011). *Guide to Climate Change Adaptation in Cities*. Washington D.C.: The International Bank for Reconstruction and Development, The World Bank.
  24. The World Bank. (2012). *Sustainable Low-Carbon City Development in China*. Washington D.C.: International Bank for Reconstruction and Development, The World Bank.
  25. Thomalla, F., Downing, T., Spanger-Siegfried, E., Han, G., & Rockström, J. (2006). Reducing hazard vulnerability: towards a common approach between disaster risk reduction and climate adaptation. *Disasters*, 30 (1), 39-48.
  26. UNDP; UNEP; World Bank; World Resources Institute. (2011). *World resources report 2010-2011: decision making in a changing climate*. Washington D.C.: World Resources Institute.
  27. UNFCCC. (2007). *Climate Change: Impacts, Vulnerabilities, and Adaptation in Developing Countries*. Bonn: UNFCCC (United Nations Framework Convention on Climate Change).
  28. UN-Habitat. (2010). *Planning Sustainable Cities: UN-Habitat Practices and Perspectives*. Nairobi: United Nations Human Settlement Programme (UN-Habitat).
  29. UNISDR. (2010). *Local Governments and Disaster Risk Reduction: Good Practices and Lessons Learnt*. Geneva: United Nations International Strategy for Disaster Reduction (UNISDR).
  30. Yabareen, Y. (2012). Vulnerability of cities to extreme space weather events: A new frontier of a multidisciplinary urban research. *Natural Science*, 4, 368-371.

**Updates available:**

Documents on climate change are freely available on the following websites:

| <b>Organisation</b>  | <b>Link</b>  |
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| ELDIS  | <a href="http://www.linkingclimateadaptation.org/">http://www.linkingclimateadaptation.org/</a>  |
| FAO [Food and Agricultural Organisation of the United Nations]   | <a href="http://www.fao.org/climatechange/en/">http://www.fao.org/climatechange/en/</a>  |
| ICLEI [International Council for Local Environmental Initiatives - Local Governments for Sustainability] | <a href="http://www.iclei.org/index.php?id=iclei-home">http://www.iclei.org/index.php?id=iclei-home</a>  |
| IFRC [International Federation of Red Cross] and Red Crescent Societies Climate Centre                   | <a href="http://www.climatecentre.org/">http://www.climatecentre.org/</a>  |
| IPCC [Intergovernmental Panel for Climate Change]  | <a href="http://www.ipcc.ch/">http://www.ipcc.ch/</a>  |
| PreventionWeb  | <a href="http://www.preventionweb.net/english/professional/publications/">http://www.preventionweb.net/english/professional/publications/</a>  |
| UCCRN [Urban Climate Change Research Network]  | <a href="http://www.uccrn.org/">http://www.uccrn.org/</a>  |
| UGEC [Urbanisation and Global Environmental Change]  | <a href="http://www.ugec.org/">http://www.ugec.org/</a>  |
| UNEP [United Nations Environmental Programme]  | <a href="http://www.unep.org/urban_environment/issues/climate_change.asp">http://www.unep.org/urban_environment/issues/climate_change.asp</a>  |
| UNFCCC [United Nations Framework Convention on Climate Change]   | <a href="http://unfccc.int/">http://unfccc.int/</a>  |
| UN-HABITAT   | <a href="http://www.unhabitat.org/">http://www.unhabitat.org/</a>  |
| UNISDR Africa [United Nations International Strategy for Disaster Reduction]                             | Disaster risk reduction in general:<br><a href="http://www.unisdr.org/">http://www.unisdr.org/</a><br><br>Climate change:<br><a href="http://www.unisdr.org/eng/risk-reduction/climate-change/climate-change.html">http://www.unisdr.org/eng/risk-reduction/climate-change/climate-change.html</a> |

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|   | Resilient cities campaign:<br><a href="http://www.unisdr.org/english/campaigns/campaign2010-2011/">http://www.unisdr.org/english/campaigns/campaign2010-2011/</a> |
| The World Bank                          | <a href="http://beta.worldbank.org/climatechange/">http://beta.worldbank.org/climatechange/</a>   |
| WMO [World Meteorological Organization] | <a href="http://www.wmo.int/pages/themes/climate/main_climate_change.php">http://www.wmo.int/pages/themes/climate/main_climate_change.php</a>                     |
| Zunia Knowledge Exchange                | <a href="http://zunia.org/tag/climate%20change/">http://zunia.org/tag/climate%20change/</a>   |