

DEVP0023: Adapting cities to climate change: David Dodman, David Satterthwaite

[View Online](#)

Term: Two

Assessment: Coursework (75%), Group work (25%)

Intensity: Fifteen (15) Credit

Anguelovski, I., Chu, E. and Carmin, J. (2014) 'Variations in approaches to urban climate adaptation: Experiences and experimentation from the global South', *Global Environmental Change*, 27, pp. 156–167. Available at: <https://doi.org/10.1016/j.gloenvcha.2014.05.010>.

Ayers, J. (2009) 'International funding to support urban adaptation to climate change', *Environment and Urbanization*, 21(1), pp. 225–240. Available at: <https://doi.org/10.1177/0956247809103021>.

Béné, C. et al. (2017) 'Resilience as a policy narrative: Potentials and limits in the context of urban planning', *Climate and Development*, 10(2), pp. 116–133. Available at: <https://doi.org/10.1080/17565529.2017.1301868>.

Brown, D. and Dodman, D. (2014) 'Understanding children's risk and agency in urban areas and their implications for child-centred urban disaster risk reduction in Asia: Insights from Dhaka, Kathmandu, Manila and Jakarta'. IIED. Available at: <https://doi.org/10.13140/RG.2.2.34736.76802>.

Bulkeley, H., Edwards, G.A.S. and Fuller, S. (2014) 'Contesting climate justice in the city: Examining politics and practice in urban climate change experiments', *Global Environmental Change*, 25, pp. 31–40. Available at: <https://doi.org/10.1016/j.gloenvcha.2014.01.009>.

Castán Broto, V. (2017) 'Urban Governance and the Politics of Climate change', *World Development*, 93, pp. 1–15. Available at: <https://doi.org/10.1016/j.worlddev.2016.12.031>.
Chatterjee, S. (no date) 'Rights, risks and resilience: the 3Rs approach to child-centred climate change adaptation in Asian cities', in *Responding to Climate Change in Asian Cities*, pp. 33–55. Available at: <http://www.tandfebooks.com/ISBN/9781315620701>.

Chu, E., Anguelovski, I. and Carmin, J. (2016) 'Inclusive approaches to urban climate adaptation planning and implementation in the Global South', *Climate Policy*, 16(3), pp. 372–392. Available at: <https://doi.org/10.1080/14693062.2015.1019822>.

D. Satterthwaite, D. Dodman and J. Bicknell (2009) 'Conclusions: Local Development and Adaptation', in *Adapting cities to climate change: understanding and addressing the development challenges*. London: Earthscan, pp. 359–383.

Dobson, S., Nyamweru, H. and Dodman, D. (2015) 'Local and participatory approaches to

building resilience in informal settlements in Uganda', *Environment and Urbanization*, 27(2), pp. 605–620. Available at: <https://doi.org/10.1177/0956247815598520>.

Dodman, D. et al. (2017) 'African Urbanisation and Urbanism: Implications for risk accumulation and reduction', *International Journal of Disaster Risk Reduction*, 26, pp. 7–15. Available at: <https://doi.org/10.1016/j.ijdr.2017.06.029>.

Dodman, D., Archer, D. and Satterthwaite, D. (2019) 'Editorial: Responding to climate change in contexts of urban poverty and informality', *Environment and Urbanization*, 31(1), pp. 3–12. Available at: <https://doi.org/10.1177/0956247819830004>.

Dodman, D., Colenbrander, S. and Archer, D. (no date) 'Conclusion: Towards adaptive urban governance', in *Responding to Climate Change in Asian Cities*, pp. 200–217. Available at: <http://www.tandfebooks.com/ISBN/9781315620701>.

Dodman, D., Diep, L. and Colenbrander, S. (2017) 'Making the case for the nexus between resilience and resource efficiency at the city scale', *International Journal of Urban Sustainable Development*, 9(2), pp. 97–106. Available at: <https://doi.org/10.1080/19463138.2017.1345740>.

Dodman, D. and Satterthwaite, D. (2008) 'Institutional Capacity, Climate Change Adaptation and the Urban Poor', *IDS Bulletin*, 39(4), pp. 67–74. Available at: <https://doi.org/10.1111/j.1759-5436.2008.tb00478.x>.

Fisher, S. (2014) 'Exploring nascent climate policies in Indian cities: a role for policy mobilities?', *International Journal of Urban Sustainable Development*, 6(2), pp. 154–173. Available at: <https://doi.org/10.1080/19463138.2014.892006>.

Galvin, R. (2009) 'Developing a critical model to evaluate the appropriateness of local body climate protection policies: the case of Freiberg'. Norwich: University of East Anglia.
Hardoy, J., Gencer, E. and Winograd, M. (2019) 'Participatory planning for climate resilient and inclusive urban development in Dosquebradas, Santa Ana and Santa Tomé', *Environment and Urbanization*, 31(1), pp. 33–52. Available at: <https://doi.org/10.1177/0956247819825539>.

Hardoy, J. and Pandiella, G. (2009) 'Urban poverty and vulnerability to climate change in Latin America', *Environment and Urbanization*, 21(1), pp. 203–224. Available at: <https://doi.org/10.1177/0956247809103019>.

Hardoy, J. and Ruete, R. (2013) 'Incorporating climate change adaptation into planning for a liveable city in Rosario, Argentina', *Environment and Urbanization*, 25(2), pp. 339–360. Available at: <https://doi.org/10.1177/0956247813493232>.

Hoornweg, D., Sugar, L. and Trejos Gomez, C.L. (2011) 'Cities and greenhouse gas emissions: moving forward', *Environment and Urbanization*, 23(1), pp. 207–227. Available at: <https://doi.org/10.1177/0956247810392270>.

Horstmann, B. and Abeyasinghe, A.C. (2011) 'The Adaptation Fund of the Kyoto Protocol: A model for financing adaptation to climate change?', *Climate law*, 2(3), pp. 415–437. Available at: <https://doi.org/10.3233/CL-2011-043>.

Jabeen, H. (2019) 'Gendered space and climate resilience in informal settlements in Khulna City, Bangladesh', *Environment and Urbanization*, 31(1), pp. 115–138. Available at: <https://doi.org/10.1177/0956247819828274>.

Lwasa, S. (2017) 'Options for reduction of greenhouse gas emissions in the low-emitting city and metropolitan region of Kampala', *Carbon Management*, 8(3), pp. 263–276. Available at: <https://doi.org/10.1080/17583004.2017.1330592>.

McGranahan, G., Balk, D. and Anderson, B. (2007) 'The rising tide: assessing the risks of climate change and human settlements in low elevation coastal zones', *Environment and Urbanization*, 19(1), pp. 17–37. Available at: <https://doi.org/10.1177/0956247807076960>.
Moench, M. et al. (2017) 'Transforming vulnerability: shelter, adaptation, and climate thresholds', *Climate and Development*, 9(1), pp. 22–35. Available at: <https://doi.org/10.1080/17565529.2015.1067592>.

Mulligan, J. et al. (2016) 'Community-responsive adaptation to flooding in Kibera, Kenya', *Proceedings of the Institution of Civil Engineers - Engineering Sustainability* [Preprint]. Available at: <https://doi.org/10.1680/jensu.15.00060>.

Newman, P. (2006) 'The environmental impact of cities', *Environment and Urbanization*, 18(2), pp. 275–295. Available at: <https://doi.org/10.1177/0956247806069599>.

Prieur-Richard et al., A.-H. (no date) 'Global Research and Action Agenda on Cities and Climate Change Science (long version)'. CitiesIPCC Cities and Climate Change Science Conference. Available at: <https://www.wcrp-climate.org/WCRP-publications/2019/GRAA-Cities-and-Climate-Change-Science-Full.pdf>.

Revi et al., A. (2014) 'Chapter 8 - Urban Areas', in *Climate Change 2014 – Impacts, Adaptation and Vulnerability: Part A: Global and Sectoral Aspects: Working Group II Contribution to the IPCC Fifth Assessment Report, Volume 1: Global and Sectoral Aspects*. Cambridge: Cambridge University Press, pp. 535–612. Available at: https://www.ipcc.ch/site/assets/uploads/2018/02/WGIIAR5-Chap8_FINAL.pdf.

Romero-Lankao, P. and Dodman, D. (2011) 'Cities in transition: transforming urban centers from hotbeds of GHG emissions and vulnerability to seedbeds of sustainability and resilience', *Current Opinion in Environmental Sustainability*, 3(3), pp. 113–120. Available at: <https://doi.org/10.1016/j.cosust.2011.02.002>.

Satterthwaite, D. (20AD) 8 points on financing climate change adaptation in urban areas, International Institute for Environment and Development. Available at: <http://www.iied.org/8-points-financing-climate-change-adaptation-urban-areas>.

Satterthwaite, D. (2011) 'How urban societies can adapt to resource shortage and climate change', *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 369(1942), pp. 1762–1783. Available at: <https://doi.org/10.1098/rsta.2010.0350>.

Satterthwaite, D. (2014a) 'Getting local governments, residents and enterprises to respond to the new IPCC assessment', *Environment and Urbanization*, 26(1), pp. 3–10. Available at: <https://doi.org/10.1177/0956247814522386>.

Satterthwaite, D. (2014b) 'Getting local governments, residents and enterprises to respond to the new IPCC assessment', *Environment and Urbanization*, 26(1), pp. 3–10. Available at: <https://doi.org/10.1177/0956247814522386>.

Satterthwaite, D. and Dodman, D. (2009) 'The costs of adapting infrastructure to climate change', in *Assessing the costs of adaptation to climate change: a review of the UNFCCC and other recent estimates*. London: International Institute for Environment and Development, pp. 73–89.

Shi, L. et al. (2016) 'Roadmap towards justice in urban climate adaptation research', *Nature Climate Change*, 6(2), pp. 131–137. Available at: <https://doi.org/10.1038/nclimate2841>.

da Silva, J., Kernaghan, S. and Luque, A. (2012) 'A systems approach to meeting the challenges of urban climate change', *International Journal of Urban Sustainable Development*, 4(2), pp. 125–145. Available at: <https://doi.org/10.1080/19463138.2012.718279>.

Sultana, F. (2014a) 'Gendering Climate Change: Geographical Insights', *The Professional Geographer*, 66(3), pp. 372–381. Available at: <https://doi.org/10.1080/00330124.2013.821730>.

Sultana, F. (2014b) 'Gendering Climate Change: Geographical Insights', *The Professional Geographer*, 66(3), pp. 372–381. Available at: <https://doi.org/10.1080/00330124.2013.821730>.

Tyler, S. and Moench, M. (2012) 'A framework for urban climate resilience', *Climate and Development*, 4(4), pp. 311–326. Available at: <https://doi.org/10.1080/17565529.2012.745389>.