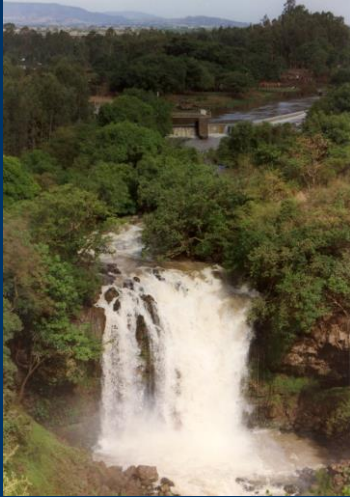


Climate change and water security: evolving research agendas



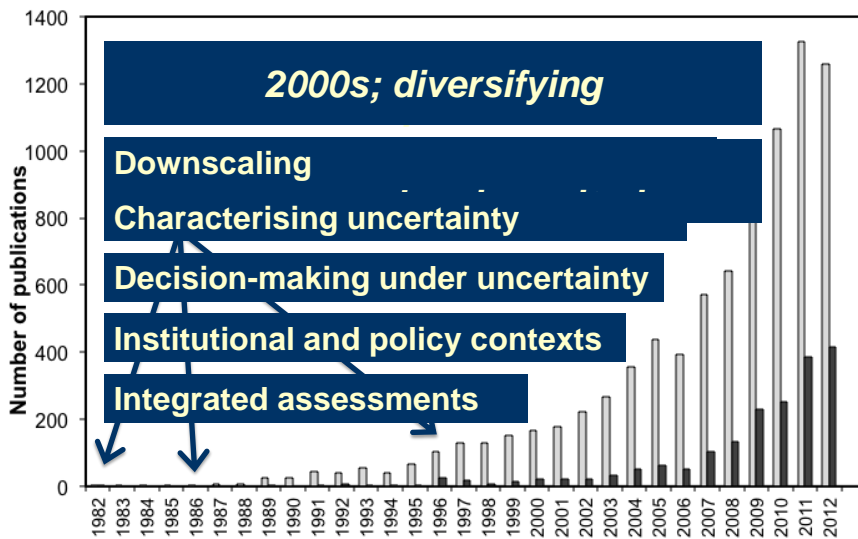
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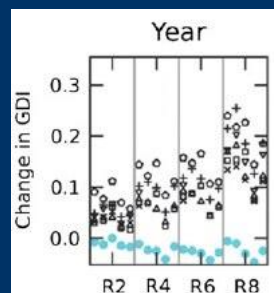
Publications per year since 1982 with word strings 'climate change water impacts' (grey bars) and 'climate change water adaptation' (black bars)

The 2020s; where next?

uncertainty remains high and is likely to continue to dominate adaptation responses

Future directions

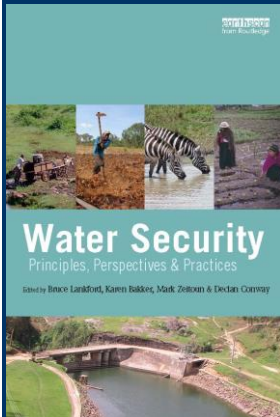
- HM uncertainty and CO₂ effects
- Mainstreaming adaptation (regulatory pressures)
- Integration with multiple stressors, nexus approaches



Mean change in global drought severity for 2070–2099. CO₂ effect in GIMs is described as color: black/open symbols, no CO₂; cyan/filled symbols with CO₂

Prudhomme et al., 2013

Thank you



Presentation draws from;

Conway, D. (2013) Water security in a changing climate, in B.A. Lankford, K. Bakker, M. Zeitoun and D. Conway (eds) *Water Security: Principles, Perspectives and Practices*. Pp 81 – 100. Earthscan Publications, London.