



Users' Workshop - South African Risk & Vulnerability Atlas

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DR EMMA ARCHER

Dr Emma Archer is a geographer by training, employed as Principal Scientist, Climate Change in the Natural Resources and the Environment division (NRE) of the Council for Scientific and Industrial Research (CSIR) since January, 2009.

Prior to her appointment at the CSIR, Dr Archer lectured in the School of Geography, Archaeology and Environmental Sciences at the University of the Witwatersrand, and was a senior researcher at the Climate Systems Analysis Group at the University of Cape Town. She continues to supervise post-graduate students at both institutions.

Dr Archer completed her PhD at Clark University in the United States, focusing on climate change and grazing systems in the Karoo; followed by a National Oceanic and Atmospheric Administration (NOAA) Global and Climate Change Postdoctoral Fellowship at the International Research Institute for Climate and Society (IRI) at Columbia University, co-hosted by the Pennsylvania State University.

Dr Archer has served on the technical or steering committees of a number of international bodies, including:

- serving as an invited member of the Technical Coordinating Panel of an ICRISAT (International Crops Research Institute for the Semi-Arid Tropics) led Consortium on 'Investing in rain-fed farming systems of sub-Saharan Africa: Evaluating the agricultural implications of current climatic variability and planning for future climate change',
- the Global Land Project of the International Geosphere-Biosphere Programme, and
- acting in a review capacity for the IPCC (Intergovernmental Panel on Climate Change).

Within South Africa, she has served on the committee of the South African Society for Atmospheric Science (SASAS), and within SADC, has a continued advisory capacity on early warning, food security, land degradation assessment and climate change.

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