

# Bruce Campbell

Program Director

CCAFS

Dr. Bruce Campbell has degrees in Ecology from Cape Town (B.Sc. Hons.), Minnesota (M.Sc.) and Utrecht (Ph.D.), but has increasingly moved into inter-disciplinary work, championing new approaches to doing applied research on natural resource management.

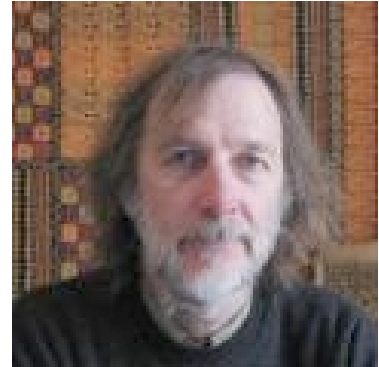
For two decades he focused on social-ecological systems in southern Africa, covering a spectrum of production systems (forestry, livestock, dryland and irrigated cropping), from small-scale (e.g. soil fertility management) to large-scale (e.g. deforestation analyses), and from biophysical and social science angles. In this time he served as the inaugural Director of the Institute of Environmental Studies, University of Zimbabwe.

For ten years was the Director of the Forests and Livelihoods Program at the Centre for International Forestry Research (CIFOR) in Indonesia. This involved a team of 50 scientists based in eleven locations in Asia, Latin America and Africa. The team included anthropologists, political scientists, sociologists, economists, ecologists, botanists, foresters and geographers. This work centered on the link between poverty alleviation and forest goods and services, with topics such as 'payments for environmental services (PES)', 'reduced emissions from deforestation and degradation (REDD)', and 'integrated conservation and development (ICDP)' featuring prominently.

He also had a spell in Northern Australia, where much of the work involved Aboriginal natural resource management. He was the inaugural Director of the School for Environmental Studies at Charles Darwin University in Darwin.

In 2009, he became the Director of the newly-established CGIAR Challenge Program on climate change, based at the University of Copenhagen, and in 2011 the Director of its successor, the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) ([www.ccafs.cgiar.org](http://www.ccafs.cgiar.org)). CCAFS taps into the complementary strengths of the international agricultural system (CGIAR) and the Earth Systems Science Partnership (ESSP), and their respective partners, to address the most pressing and complex challenge to food security in the 21st century. The collaboration brings together some of the world's best researchers in agricultural science, development research, climate science and Earth System science. Bruce is a staff member of the International Centre for Tropical Agriculture (CIAT), and operates from the University of Copenhagen.

He serves on several editorial boards, and is a scientific committee member of PECS, the ICSU Programme on Ecosystem Change and Society. He has published over 100 peer-reviewed articles and more than a dozen books.



## Some recent publications

Petheram, L., Stacey, N., **Campbell, B.M.**, High, C. 2011. Using visual products derived from community research to inform natural resource management policy. *Land Use Policy* 29: 1– 10

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search of improved rural livelihoods in semi-arid regions through local management of natural resources: Lessons from case studies in Zimbabwe. *World Development* 35: 1961-1974.

Knight, A.T., Cowling, R.M. and **Campbell, B.M.** 2006. An operational model for implementing conservation action. *Conservation Biology* 20: 408–419.

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Sayer, J. and **Campbell, B.** 2004. *The Science of Sustainable Development: Local Livelihoods and the Global Environment.* Cambridge University Press, Cambridge.

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**Campbell, B.M.**, Doré, D, Luckert, M., Mukamuri, B. and Gambiza, J. 2000. Economic comparisons of livestock production in communal grazing lands in Zimbabwe. *Ecological Economics* 33: 413-438.

**Campbell, B.M.**, De Jong, W., Luckert, M., Mandondo, A., Matose, F., Nemarundwe, N., and Sithole, B. 2001 Challenges to proponents of CPR systems – despairing voices from the social forests of Zimbabwe. *World Development* 29: 589-600