

Curriculum Vitae

Maggie Opondo

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Profile

Dr. Maggie Opondo is the Socio-Economic & Cultural Studies Coordinator in the Institute for Climate Change & Adaptation at the University of Nairobi. She has been teaching at the University for well over 20 years at both the undergraduate and graduate levels. She is also one of the founding members of the recently (2011) established Institute for Climate Change and Adaptation (ICCA) at the University of Nairobi. As a lecturer and researcher her responsibilities include both academic and administrative duties. She has and continues to supervise both undergraduate and graduate students, a number of who have successfully completed their post-graduate studies. As the departmental representative on the Postgraduate Studies Committee in the Faculty of Arts for over 10 years, she has had the opportunity to examine several post-graduate proposals and dissertations submitted to the Faculty of Arts. She has researched and published widely on vulnerability and adaptability to climate change impacts in Africa; smallholder agriculture – at both commercial and subsistence levels (coffee, horticulture, tea, tobacco); ethical trade and corporate social responsibility; and gender, smallholder and labour rights in global value chains. She has served and still serves on several boards at both the advisory and editorial levels. Currently she was a coordinating lead author (CLA) of the Intergovernmental Panel on Climate Change (IPCC) Chapter 13 (Livelihoods and Poverty), Working Group II of the IPCC 5th Assessment Report.

Educational Background

1997	PhD Economic Geography (Magna cum laude) , University of Duesseldorf, Germany. Main subject - Economic Geography, minor subjects – Political Science and Sociology
1989	MA Economic Geography , Kenyatta University, Kenya. Subjects: Economic Geography and Advanced Quantitative Methods in Geography.
1983	B.Ed (Hons) , University of Nairobi, Kenya. Subjects: Education, Geography and Literature

Professional Experience

- 2013 – to date Socio-economic & Cultural Studies Coordinator, Institute for Climate Change & Adaptation
- 2004 – 2012 Senior Lecturer, Department of Geography & Environmental Studies, University of Nairobi
- 2010 – to date Postgraduate Seminar Coordinator, Department of Geography & Environmental Studies, University of Nairobi
- 2002 – 2003 Common Undergraduate Course Co-ordinator, University of Nairobi
- 1997 to 2004 Lecturer, Department of Geography & Environmental Studies, University of Nairobi
- 1998 to 2010 Departmental Representative on the Postgraduate Studies Committee, Faculty of Arts, University of Nairobi
- 1990 - 1997 Assistant Lecturer, Department of Geography & Environmental Studies, University of Nairobi
- 1989 - 1990 Tutorial Fellow, Department Geography, Kenyatta University.
- 1983 - 1986 Graduate Teacher, Teachers Service Commission.

Teaching/Lecturing Experience

- Teaching at secondary school level Subjects taught: Geography; Literature and English Language
- Lecturing at university level: Courses taught include for example: Climate Change Governance; Impacts of Climate Change; Resource Use Efficiency; Vulnerability & Adaptation; Economic Geography; Feminist Geographies; Geographies of Corporate Social and Environmental Responsibility; Industrial Geography and Natural Resources Management
- Undergraduate supervision Supervising undergraduate dissertations
- Postgraduate supervision Supervising graduate dissertations

Undergraduate Supervision

- BA Dissertation: “ Scavenging for waste paper on Kijabe Street in Nairobi”, (2008, University of Nairobi) by H. Deka
- BA Dissertation: “The location and structure of informal sector activities: a case study of Maasai markets in Nairobi”, (2006, University of Nairobi) by P.N. Kamau
- BA. Dissertation: “A Socio-economic analysis of the sugar industry in Migori”, (2002, University of Nairobi) by M.G. Adipo
- BA. Dissertation: “The national development planning strategy and rural underdevelopment in Kenya: a case study of Bunyala West Location, Kakamega District”, (2001, University of Nairobi) by M.G. Baraza
- BA. Dissertation: “The role of human capital investment on the development of the Jua-Kali sector:

a case study of Nyayo-Shade Ziwani, Nairobi City”, (1999, University of Nairobi) by E. Otieno.

- BSc. Dissertation: “The role of non-motorized transport: a case study of ‘Bodaboda’ mode of transport in Kanduyi Division, Bungoma District”, (1998, University of Nairobi) by S.M. Wachana.
- BSc. Dissertation: “Differential industrial structure in employment creation potential: a case study of Athi River Export Processing Zone”, (1998, University of Nairobi) by K. Malii.
- BA Dissertation: “Technology transfer in the telephone industry: a case study of Gilgil telephone industry”, (1998, University of Nairobi) by E. I. Barnet.
- BA Dissertation: “An analysis of domestic fuel consumption in Manyatta Sub-location of Kisumu Municipality”, (1990, Kenyatta University) by L. O. Ouko.

Postgraduate Supervision

- M.A. Dissertation: “New industrial spaces in Kenya: A case study of the export processing zones in Nairobi and Athi River” **(2002, University of Nairobi)** by J. A. Lumbasi.
- M.A. Dissertation: “The feminization of labour in the flower industry in Naivasha” **(2002, University of Nairobi)** by K. A. Kathuri.
- M.A. Dissertation: “Economic and social upgrading in global production networks: A case study of mobile phone E-waste in Nairobi, Kenya” **(2013, University of Nairobi)** by E, Cherutich.
- M.A. Dissertation: “An assessment of the occupational health aspects and environmental impacts of tobacco farming in Malakisi Division of Bungoma county” **(2015, University of Nairobi)**, by A. Sitati
- M.A. Dissertation: “Participatory assessment of climate change impacts on sorghum varieties cultivated in Kambi ya Mawe, Makueni County, by Yumbya – **in progress**
- Ph.D. Dissertation: “An ethnographic investigation of agricultural development and ecological change in the Lake Naivasha Area” **(2009, University of Washington (Seattle))** by M. Styles.
- Ph.D. Dissertation: “Horticultural smallholders adapting to climate vulnerability in the face of changing markets”, by A. Krishna – **in progress**
- Ph.D. Dissertation: “An assessment of the role of institutions in adoption of climate-smart agriculture in Kenya: The case of Nyando climate-smart village “, by N. Rapando – **in progress**
- Ph.D. Dissertation: “Adaptation to climate change and variability in the context of evolving community livelihoods in Wang’chieng’ location, Kenya”, by G. Owino – **in progress**
- Ph.D. Dissertation: “Is there a lapse in LAPSSSET? A multi-stakeholder analysis of the interaction between water availability and access, climate change and LAPSSSET development project “, by Y. Maingi – **in progress**

Areas of Research Expertise

- Vulnerability and adaptability of rural communities to climate change
- Smallholder agriculture (in tea, coffee, horticulture and tobacco value chains)
- Political economy of food and agriculture

- Gender, smallholder and labour rights in global supply chains
- Ethical trade and corporate social responsibility
- Trade policy
- Trans-disciplinary methodologies

Research Experience

- 2018-2019: Shifting South - Decent Work in Regional Value Chains and South-South Trade. This research will: (i) investigate the rise of South-South trade through regional and domestic markets; (ii) analyse what this means for decent work – especially women in precarious jobs and (iii) focus on specific commodities and value chains in the horticulture and garment sectors in South Africa, Lesotho and Kenya. **Role:** Country Lead Investigator. Funded by ESRC/GCRF.
- 2017 - 2018: Climate Change Assessment Project. This study seeks to interrogate how the integration of climate change indicator(s), output(s) and impact(s) are integrated into peace building activities in Ethiopia, Kenya and Uganda. **Role:** East Africa Climate Expert tasked with developing focus group discussion (FGD) and key informant interviews (KIIs) guidelines and training of research assistants. Funded by USAID.
- 2015 – 2016: Part of a team tasked with preparing the Intergovernmental Authority Climate Change Strategy (IRCCS). **Role:** Climate Change Impact, Vulnerability and Adaptation Specialist Funded by the EU.
- 2015 – 2018: REACH – Improving Water Security for the Poor. This project aims at improving water for the poor in Bangladesh, Ethiopia and Kenya in the face of a changing and variable climate. **Role:** Assistant Country Director. Funded by DFID.
- 2014 – 2018: Building Resilience and Adapting to Climate Extremes and Disasters Programme (BRACED). BRACED is expected to directly benefit up to 5 million vulnerable people, especially women and children, in developing countries by helping them become more resilient to climate extremes. In addition, through helping improve national policies and institutions to better integrate disaster risk reduction (DRR), climate adaptation and development approaches, it is expected that the programme will indirectly help many millions more. **Role:** Knowledge Manager, Regional Focal Point for Eastern Africa. Funded by DFID.
- 2014 – 2016: Regional Climate Change Health Risk Assessment Studies in Africa. The overall objective of this project is to build national capacities in Ghana, Kenya and Zambia to mainstream climate change and to undertake climate change health risk assessments to provide underpinning evidence and assessing the key health risks (threats and opportunities) posed by climate change to guide national adaptation and mitigation strategies. **Role:** Consultant. Funded by the African Development Bank.
- 2011-2012: Horticulture Poverty Footprint Research Study. The broad objective of this research was to: understand how a company can improve processes to enhance a positive impact of poverty and business. **Role:** Research Advisory Panel Member.

- 2011-2012: Capturing the Gains Project: This research project seeks to answer the following key questions: (i) How is the global crisis affecting poor producers and workers in GPNs?; (ii) How do global economic trends impact in the long term on regional restructuring of trade, production and work?; (iii) How do GPNs change the dynamics of international trade, production and work in developing countries?; (iv) What are the opportunities and challenges for promoting economic and social upgrading within GPNs, in order to capture more of the gains from trade for poorer producers and workers? and (v) What emerging governance structures can help sustain economic and social upgrading? **Role:** Co-Researcher.
- 2010: Gender Analysis of the RA and UTZ Tea Value Chain in Kenya. The purpose of this assessment was to identify and document structure of gender roles, relations and the gender-specific problems and constraints facing plantation and factory workers and smallholders in the tea sector and recommend possible solutions. **Role:** Principal Researcher.
- 2009: Gender Analysis of the Coffee Value Chain in Kenya. This project sought to understand how and whether men and women are affected differently by the production of coffee in the four coffee farmer cooperative societies in Kenya. **Role:** Principal Researcher.
- 2007: Social and Environmental Evaluation of Kenyan Horticulture. This study sought to understand the social and environmental impacts on the wellbeing of Kenyan farm workers employed on export vegetable farms. **Role:** Co-Researcher.
- 2006 – 2010: Governance Implications of Private Standards Initiatives in Agri-Food Chains in Kenya. This project examined how EUREPGAP (GLOBALGAP) and Fairtrade initiatives impacted on the responsibilities, roles and inter-relationships of different stakeholders in flower and vegetable production in Kenya. It involved engaging smallholders and workers in participatory focus groups discussions to understand their contribution to and involvement in PSIs. **Role:** Coordinator and Principal Researcher.
- 2006 – 2010: Increasing Community Resilience to Climate Change induced Drought in Makueni District in Kenya and Integrating Vulnerability and Adaptation to Climate Change into Sustainable Development Policy Planning and Implementation in Eastern and Southern Africa. This research project sought to: (i) increase food security by enhancing drought resilience of local agricultural practices (ii) Reduce poverty through diversification of livelihoods and (iii) Facilitate the integration of adaptation to climate change into Kenya's sustainable development policies. **Role:** Assistant Coordinator and Principal Researcher.
- 2005 – 2008: Strengthening Community-Based Adaptation to Climate-Sensitive Malaria in Kenya. This research project aimed at demonstrating the effectiveness of a community-based participatory approach that builds the capacity of stakeholders in order to: (i) better understand the contextual complexity of existing vulnerability to climate-sensitive malaria, and (ii) to evaluate alternative

interventions and increase adaptation capacity. This research project is a multi-disciplinary collaboration among scientists from Kenya and the US. **Role:** Coordinator and Principal Researcher.

- 2006 – 2007: Sustainable Agriculture and Rural Development (SARD) and Good Agricultural Practices (GAP) for promoting Labour's Health and Safety in the Horticultural and Livestock Sectors in Kenya. This research projects had the broad objectives of: (i) studying the impact of adoption of GAP and other standards on farm labour's health and safety, and (ii) identifying relevant SARD good practices. **Role:** Principal Researcher.
- 2006 – 2007: The Socio-Economic Effects of Fair Trade Tea between Kenya and the UK. This research project (i) examined the socio-economic effects of fair-trade tea production on household and gender relations; and (ii) investigated how the ideologies and practices of UK buyers (including consumers, retailers and fair-trade organisations) are shaping the nature of the commodity chain between Kenya and the UK. This research project was a multi-disciplinary collaboration between scientists from Kenya and the US. **Role:** Coordinator and Co-Researcher.
- 2006: Labour, Employment and Social Issues in the Garment Export Processing Zones in Kenya. This research project sought to examine the working conditions of workers in the EPZ garment industry. It was also concerned with the role and impact of codes of conduct on the working conditions of workers. **Role:** Principal Researcher.
- 2003 – 2005: Characteristics, Needs and Priorities of Smallholders and their Workers in Tea and Fresh Produce Supply Chains in Kenya. This research project sought to establish the characteristics, needs and priorities of smallholders and their workers in ETI members' global supply chains using case studies of tea and fresh produce smallholders in Kenya. **Role:** Principal Researcher.
- 2002 – 2003: Prospects for Reforming the Trade Policy Review Mechanism of the WTO. This research project sought to provide a mapping of trade policy in Kenya by identifying: the trade formulation policy in Kenya; key players in the trade policy processes and potential entry points for women workers in the flower industry. **Role:** Principal Researcher.
- 2002 – 2005: Ethical Trade in African Horticulture – Gender, Rights and Participation. The aims of the research project were: (i) to analyse how ethical trade can enhance the economic and social rights of women and men workers in the export industries of South Africa, Kenya and Zambia; and (ii) to identify the best practice in implementing gender-sensitive ethical trade based on worker and stakeholder participation. This research project was a multi-disciplinary collaboration among scientists from Kenya, South Africa, Zambia and the UK. **Role:** Co-Researcher and Socio-Economic Expert.
- 2002 – 2005: Capacity Building to Evaluate and Adapt to Climate Change-Induced Malaria and

Cholera in East Africa. The focus of this project was to improve the understanding of the relationship between climate change and the vulnerability and adaptation to malaria and cholera in the Lake Victoria region in East Africa. This research project was multi-disciplinary collaboration among scientists from Kenya, Uganda and Tanzania. **Role:** Co-Researcher and Socio-Economic Expert.

- 2001 – 2003: The Gender Implications of Tobacco Contract Farming in. This project sought to identify the structure of gender relations and the gender-specific problems inherent in this sector. **Role:** Principal Researcher.
- 2000 – 2002: International Trade and Gender in East Africa. This research project had the broad objective of assessing the impact of a changing trade regime on women and men in the cut-flowers, fishing and garment sectors. This research project was a multi-disciplinary collaboration among scientists from Kenya, Uganda and Tanzania. **Role:** Kenyan Team Leader and Principal Researcher.
- 1995-1996: Contract Farming in Kenya's Horticultural and Oilseed Sectors in Kenya – This research project sought to examine the impact of the horticultural and oilseed sectors on the rural economies in Kenya. This research project sought to examine the impact of the horticultural and oilseed sectors on the rural economies in Kenya. **Role:** Principal Researcher.

Peer Reviewed Publications

- Omumbo, J., **M. Opondo** and D.Olago. (2019) REACH – Improving Water Security for the Poor in Turkana, Kenya'. In: S. Carter et al. (eds.) *Co-production in African Weather and Climate Services. Manual, Cape Town: Future Climate for Africa and Weather and Climate Information Services for Africa*. pp. 128-131. (<https://futureclimateafrica.org/coproduction-manual>)
- Haines, S., C. A. Imana, **M. Opondo**, G. Ouma, and S. Rayner. (2017). "Weather and climate knowledge for water security: Institutional roles and relationships in Turkana." *REACH Working Paper*, no. 5.
- Mungai, C., **M. Opondo**, G. Outa, V. Nelson, M. Nyasimi and P. Kimeli (2017) Uptake of Climate-Smart Agriculture through a Gendered Intersectionality Lens: Experiences from Western Kenya. In: W. Leal Filho et al. (eds.), *Climate Change Adaptation in Africa*. Springer International Publishing AG.
- **Opondo, M.**, Abdi, U., and Nangiro, P. (2016) Assessing gender in resilience programming. *Resilience Intel*, January 2016, Issue no. 2.2, pp. 1-16.
- REACH (2015) Country Diagnostic Report, Kenya. REACH Working Paper 3, University of Oxford, Oxford, UK. ISBN: 978-1-874370-61-1. University of Oxford 2015, School of Geography and the Environment, South Parks Road, Oxford OX1 3QY, United Kingdom

- Barrantes, S. Knoringer, P., Evers, B., Visser, M., and **Opondo, M.** (2014) Economic and Social Upgrading in Global Value Chains: Implications of Regional Supermarket Expansion in Africa. (Forthcoming in *Environment and Planning A*).
- Olsson, L., **M. Opondo**, P. Tschakert, A. Agrawal, S.H. Eriksen, S. Ma, L.N. Perch, and S.A. Zakieldean, (2014) Livelihoods and poverty. In: *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Field, C.B., V.R. Barros, D.J. Dokken, K.J. Mach, M.D. Mastrandrea, T.E. Bilir, M. Chatterjee, K.L. Ebi, Y.O. Estrada, R.C. Genova, B. Girma, E.S. Kissel, A.N. Levy, S. MacCracken, P.R. Mastrandrea, and L.L. White (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 793-832.
- Nelson, V., Tallontire, A., **Opondo, M.**, and Martin, A. (2013) *Pathways of transformation or transgression? Power relations, ethical space and labour rights in Kenyan agri-food value chains*. In: *Food Transgressions: Making Sense of Contemporary Food Politics*. Critical Food Studies, Ashgate Publishing, Farnham, Surrey, UK, pp. 15-38.
- Tallontire, A. M., **Opondo, M.**, Nelson, V., Martin, A. (2013) "Contingent spaces for smallholder participation in GlobalGAP: insights from Kenyan horticulture value chains". *The Geographical Journal*, 180 (4) (2014), pp. 353-364
- **Opondo, M.** (2012) "A bottom-up approach to climate change adaptation policy: a case study of a community drought resilience project in Sakai sub-location, Makueni District, Kenya". In (eds.) Musyoki, A. and Khayesi, M. *Environment and Development: Selected Themes from Eastern and Southern Africa*, Bay Publishers: Botswana
- Tallontire, A. M., **Opondo, M.**, Nelson, V., Martin, A. (2009) "Beyond the vertical? Using value chains and governance as a framework to analyse private standards initiatives in Agri-food chains". *Agriculture and Human Values*, Vol. 28, Issue 3, pp 427-441.
- Cross, P., Edwards, R.T., **Opondo, M.**, Nyeko, P. and Edwards-Jones, G. (2009) "Does farm worker health vary between localised and globalised food supply systems?" *Environment International*, Vol. 37, Issue 7, pp. 1004-1014.
- Wandiga, S., **Opondo, M.**, and others (2009) "Vulnerability to epidemic malaria in the highlands of Lake Victoria basin: the role of climate change/variability, hydrology and socio-economic factors", *Climatic Change*, Vol. 99, pp. 473-497.
- Wandiga, S., **Opondo, M.**, and others (2008) "Climate, Malaria and Cholera in the Lake Victoria Region", in Leary, N. et. al. (eds.) *Climate Change and Adaptation*, Earthscan: London and Sterling, VA, pp.109-130
- Wandiga, S., **Opondo, M.**, and others (2008) "Vulnerability to Climate-Induced Highland Malaria in East Africa", in Leary, N. et. al. (eds.) *Climate Change and Vulnerability*, Earthscan: London and Sterling, VA, pp.375-397

- Others and **Opondo, M.**, (2008) “For whom the Bell Tolls: Vulnerabilities in a Changing Climate, East Africa”, in Leary, N. et. al. (eds.) *Climate Change and Vulnerability*, Earthscan: London and Sterling, VA, pp.1-30
- **Opondo, M.**, Dolan, C.S., Wendoh, S., and Kathuri, J. (2007) “Gender and Employment” in Kindon, S., Pain, R., and Kesby, M., (eds.) *Participatory Action Research Approaches - Connecting People, Participation and Place*, Routledge, London, UK.
- Dolan, C.S. and **Opondo, M.**, (2005), ‘Seeking Common Ground: Multi-stakeholder Initiatives in Kenya’s Cut Flower Industry’, *The Journal of Corporate Citizenship - Special Issue of on Corporate Citizenship in Africa*, Issue 18, Summer 2005, pp. 87-92.
- Barrientos, S., **Opondo, M.** and Smith, S., (2005), ‘Gender Work and Vulnerability in African Horticulture’, *IDS Bulletin*, Vol. 36, No. 2, pp. 74-79, Brighton: Institute of Development Studies.
- Hale, A. and **Opondo, M.**, (2005) ‘Humanising the Cut Flower Chain: Confronting the Realities of Flower Production for Workers in Kenya’, *Antipode*, Vol. 37 No. 2, pp.301-323.
- Dolan, C.S., **Opondo, M.**, and S. Smith (2003) “Gender, Rights & Participation in the Kenya Cut Flower Industry” *Natural Resources Institute Report No: 2768, SSR Project No. R8077 2002-4 UK*.
- **Opondo, M.**, (2000), “Socio-Economic and Ecological Impacts of the Agro-Industrial Food Chain on the Rural Economy in Kenya”, in *AMBIO* Vol. XXIX No. 1, February Issue, pp. 35-41.
- **Opondo, M.** (1997), *The Dynamics of the Agro-Industrial Food Chain in Kenya*, Band No. 6, Institute of African Affairs, Hamburg, Germany.
- Opondo, M. (1987) “Is the state of high development of some countries a cause of the underdevelopment of others?” *Journal of Eastern Africa Research and Development*, Vol. 17

Awards

- African Career Award Grant for Postdoctoral Research from the Rockefeller Foundation (2001).
- 2000 Start Young Scientist Award for the paper entitled “The socio-economic and ecological impacts of the agro-industrial food chain on the rural economy in Kenya” published in *AMBIO* (2000)
- Research award from the Council for the Development of Social Science Research in Africa (CODERIA) (1989).
- Mobil Oil (Kenya) Ltd. Merit Award as the best Candidate in Geography (1984)

Other Profession Activities

Member of:

- Editorial Board Member for *Economic Geography* (2020-2023)
- Contributing Editor for *Environment: Science and Policy for Sustainable Development* (2019- to date)
- Editorial Board Member of the Journal: *Discovery and Innovation* of the African Academy of

Sciences. (2012 – to date)

- Research Associate of Stellenbosch University, South Africa (2012-2015)
- Treccafrica, Committee Member Academic Selection Board (2012-2015)
- Advisory Panel Member of International Produce Limited (IPL) Poverty Footprint Research Study (2011-2012)
- Coordinating Lead Author of IPCC Chapter 13 (Livelihoods and Poverty), of the Working Group II contribution to the Inter-governmental Panel on Climate Change (IPCC) 5th Assessment Report (AR5) (2010-2014)
- Member of Better Work Advisory Committee of ILO and IFC (2009-2012)
- Editorial Board member of the *Journal of Environment and Development (JED)* (2007 – date)
- Expert reviewer of the Inter-governmental Panel on Climate Change Working Group II Fourth Assessment (IPPC) (2005-2006)
- Editorial Advisory Board Member of the Journal: *Progress in Human Geography (PiHG)* (2005 – 2011)
- Reviewer for the World Health Organization's book entitled: "Methods for Assessing Vulnerability and Adaptation: Climate Change and Human Health" (2003)
- Editorial Board Member of *Antipode: A Journal of Radical Geography* (2002 – 2010)
- International Geographical Union (IGU) (1999 – to date)
- International Human Dimensions Programme on Global Environmental Change (IHDP) (1999 – to date)