



Climate Compatible Development and experience from sub-Saharan Africa

**A 3-day workshop hosted by the School of Earth & Environment & CCCEP, University of
Leeds
15th-17th May 2012**

A 3-day workshop on Climate Compatible Development will be held at the University of Leeds between 15th and 17th May 2012. This workshop, funded by the ESRC Centre for Climate Change Economics and Policy and the World Universities Network (WUN), forms part of the WUN-FIRC¹ funded project entitled 'Building Partnerships and Research Capacity for Climate Compatible Development in sub-Saharan Africa', led by Dr. Susannah Sallu and Prof. Andy Dougill from the Sustainability Research Institute ([School of Earth & Environment, University of Leeds](#)).

The workshop brings together international development and donor agencies, policy makers, and international researchers addressing institutional, social and environmental components of climate compatible development debates, with climate change and rural development researchers, NGO practitioners, private sector partners from the climate finance sector and government staff working in sub-Saharan Africa, particularly Zambia, Malawi and Tanzania.

The workshop will:

1. share insights from policy, practice and academic perspectives on climate compatible development;
2. draw out synergies and differences and identify opportunities, barriers and limits to the design and implementation of CCD in sub-Saharan Africa, with focus given particularly to Zambia, Malawi and Tanzania;
3. draft a synthesis paper of the integrated outcomes of 1. & 2. as an analysis commentary for a leading international academic journal; and
4. identify and plan the development of collaborative research for follow up in years 2 and 3 of the FIRC project and beyond.

Day 1 will encourage a critical discussion of climate compatible development (CCD) drawing on multiple international and sectoral (e.g. donor, policy and private sector) perspectives. The goal of day 1 is to draw out major gaps in our understanding of CCD and possible ways forward. It is proposed that contributions in Day 1 might form a co-authored publication. Day 1 also sets the scene for Days 2 and 3 that will focus on sharing and analysing insights and practical experiences of CCD in sub-Saharan Africa, specifically Zambia, Malawi and Tanzania. In Day 2 focus will be given to the sharing of academic, policy and practitioner perspectives and experiences in the design and implementation of CCD. In Day 3 a focussed group (composed of the WUN-FIRC project team and African participants) will analyse the outcomes of day 2 from both country and sectoral/stakeholder perspectives and plan and start the writing of an analysis commentary paper for submission to a leading academic journal. It is hoped that the workshop will facilitate the development of new strategic collaborative partnerships. Throughout the workshop ideas for future consortium funding will therefore be discussed and a plan for their development designed on Day 3.

¹ World Universities Network Fund for International Research Collaboration. For more information on WUN see <http://www.wun.ac.uk/>.

Proposed agenda

DAY 1: Tuesday 15th May 2012 SEE 8.119a/b	Policy insights and donor perspectives on Climate Compatible Development
10.30	Registration and coffee
11.00	Welcome & introduction to the workshop Andrew Dougill & Susannah Sallu - University of Leeds
11.10	Introduction to Day 1 – Challenges for understanding CCD, introduce 7 questions, approach and possible outcomes Emma Tompkins - CCCEP & University of Southampton
11.30	Donor perspectives on CCD & key questions needing answered Yvan Biot and Su-Lin Garbett-Shiels (DFID climate and environment research and policy teams)
12.00	Pair discussions on What information you need to know to deliver/implement/research CCD in the developing world? How might existing systems (institutions, structures, behaviours) need to be changed to help bring about CCD?
12.30	Lunch
13.30	Supporting evidence for CCD & questions Lindsey Jones – CDKN Pair discussion on: If resources were available to support CCD across the developing world, being optimistic but realistic, what you would see as a desirable outcome.
14.30	Rejecting the notion of CCD & questions David Satterthwaite – IIED Pair discussion on: If CCD did not turn out to be a positive direction, and things went wrong, what factors would you worry about? Looking back, what would you identify as the significant events which have produced the current situation where we are looking to introduce CCD?
15.30	Break
15.50	Climate/Ecosystem service finance sector perspectives & questions

	Philip Powell – Ecolivelihoods and Mike Riddell – Bioclimate R&D (TBC)
16.30	Major gaps in our understanding of CCD and possible ways forward Emma Tompkins Discussion: Looking forward, what would you see as priority actions which should be carried out soon in relation to CCD? If all constraints were removed and you could direct what is done, what more would you wish to see happen? (The 'Epitaph' question.)
17.00	Individual conclusions from the day (participants sum up – one key point each)
17.30	Drinks reception
19.00	Dinner for overnight guests
DAY 2: Wednesday 16th May 2012 SEE 8.119a/b	Design and implementation of CCD – reflections and experience in sub-Saharan Africa
09.00	Registration and Coffee
09.15	Welcome & Introduction to Day 2 Susannah Sallu / Andrew Dougill – University of Leeds
09.25	Natasha Grist – CDKN
09.35	Summary of policy insights and donor perspectives from Day 1 Susannah Sallu – University of Leeds
09.50	Perspectives from policy, practice and academia in Zambia Led by Dr. Stephen Syampungani
11.00	Break
11.20	Perspectives from policy, practice and academia in Malawi Led by Dr. David Mkwambisi & Mr. Commodius Nyirenga

12.30	Lunch
13.30	Perspectives from policy, practice and academia in Tanzania Led by Prof. Pius Yanda & Mr. Charles Meshack
14.40	Plenary Discussion with opportunity to bring in other national / regional perspectives
15.15	Summing up and Conclusions
15.30 – 21.00 (approx)	Excursion to Ilkley moor & Dinner for African participants (<i>please bring walking shoes & raincoat in case of rain/cold</i>)
DAY 3: Thursday 17th May 2012 SEE 8.119c	Analysing national and stakeholder perspectives/insights, writing & planning forwards
09.00	Introduction to Day 3 & decision on groups (Susannah Sallu / Andrew Dougill)
09.15	National focus group work <ul style="list-style-type: none"> • Brainstorming key emerging issues from day 2 • Mapping synergies and differences • Identifying challenges and opportunities • Potential solutions across country contexts • Identifying knowledge and research gaps
10.15	Small group feedback
10.45	Break
11.00	Stakeholder focus group work <ul style="list-style-type: none"> • Brainstorming key emerging issues from day 2 • Drawing out synergies and differences • Identifying challenges and opportunities • Potential solutions across country contexts • Identifying knowledge and research gaps

12.00	Small group feedback & set plan for the afternoon
13.00	Lunch
14.00	Future research planning
16.00	Break
16.15	Writing workshop
18.00	Drinks and Dinner

Speaker Biographies

Yvan Biot heads the Climate Change and Environment research team in the UK's Department for International Development (DFID). He started his career as a soil surveyor in 1977, taught Land and Water Resource Management at the University of East Anglia (1984-1992) and directed forestry projects in Brazil and Indonesia (1992 to 2004). He joined the civil service in 2004. From 2008-2010 he was the UK representative of the Board of the Adaptation Fund. His main professional experience is in land use planning, soil erosion, forest and rangeland management, disaster risk reduction and climate change. He holds a degree in agriculture from the University of Gent (Belgium) and a PhD in Development Studies from the University of East Anglia (UK). He is a Corresponding Member of the Royal Academy of Overseas Sciences, Belgium, and has published + 50 academic and technical reports on soil survey, soil erosion, rangeland degradation, forest governance and climate change.

Professor Andy Dougill is an applied dryland environmental change researcher with expertise that integrates a range of disciplines including soil science, ecology, microbial ecology and environmental social sciences. He has led the design and implementation of inter-disciplinary 'problem-based' research projects focused on dryland environmental change and sustainability issues working across a range of scales and countries. His current work includes on the following projects:

- DFID CDKN (Climate Development Knowledge Network) with partners in Zambia, DRC, Zimbabwe and Mozambique - <http://www.see.leeds.ac.uk/research/sri/cdkn/>; and,
- ESRC (as work package leader in Centre for Climate Change Economics and Policy <http://www.cccep.ac.uk/Home.aspx>) for projects working in Malawi and Botswana.

He has led collaborative research projects across Southern Africa for 20 years and published widely on food system vulnerability to climate and environmental change, rangeland ecological change, soil hydrochemistry and pastoral livelihoods across the region. He has recently led a NERC Large Grant proposal (with UK Met Office, Exeter, UCL and Reading) on Forecast Evaluation for Water and Agriculture in sub-Saharan Africa building from strong regional partnerships and DFID Climate Science programmes, that offers scope for extension of regional collaborations.

Natasha Grist specialises in climate change, adaptation and international development, with a background in agriculture, social and environmental science. Natasha is Head of Research for the Climate and Development Knowledge Network (2010-2014), which has commissioned over £1m of agriculture-related research over the last 2 years. This research is designed to be applied and demand-led, to meet the needs of developing country governments. Natasha is a Research Fellow at the Overseas Development Institute, and has worked in West Africa on climate change and agriculture issues (Burkina Faso, Guinea Bissau, São Tomé and Príncipe). See <http://www.odi.org.uk/about/staff/details.asp?id=440&name=natasha-grist> for more details.

Lindsey Jones is a Research Officer in the Overseas Development Institute's Climate Change programme. His principle research interests include adaptation and resilience; understanding factors that contribute to adaptive capacity; national adaptation strategies and institutional capacity building; and the impacts of climate change on access, entitlement and management of natural resources. He is involved in number of large research projects, including the Africa Climate Change Resilience Alliance (ACCRA), UNICEF's assessment of climate change impacts on children (as co-PI), and the Climate and Development Knowledge Network (CDKN).

Lindsey has an MSc in Environmental Policy from the University of Oxford and has previously worked with the United Nations Development Programme in Nepal (helping to facilitate the country's National Adaptation Plan of Action) and the World Food Programme. He has experience working in Southern and Eastern Africa (namely Tanzania, Ethiopia, Mozambique, Uganda, and South Africa) and Southern and South-Eastern Asia (India, Nepal, and Cambodia). His current research focuses on: understanding how development interventions (both government and NGO) contribute to adaptive capacity and resilience at the local level; how to mainstream adaptation into development policy at different scales; and helping decision makers plan for uncertainty and change.

Charles K. Meshack is the Executive Director for the Tanzania Forest Conservation Group (TFCG), a national NGO (www.tfcg.org). He has a Research Masters in Ecology and Environmental Management from the University of York, UK and BSc in Forestry from the University of Sokoine, Morogoro. Charles joined TFCG in 1996, to work in Lulanda village in Mufindi District as Programme Officer. Since then he has been a dedicated advocate for forest conservation and greater rights for communities in natural resources management, and has been at the forefront of forest conservation in Tanzania. Mr. Meshack has 15 years experience in Tanzania Forest management.

David Mkwambisi is an Environment and Development expert with a PhD and MSc in Environment and Development from Universities of Leeds and East Anglia (UK) respectively. He is currently working as a Senior Lecturer at Bunda College, University of Malawi. He is an active Faculty member involved in several development and research programmes in his native country Malawi working with rural and urban communities especially on climate change impacts and vulnerability among smallholder farmers. He is among national experts responsible for the National Communications to the UNFCCC and has just been appointed to be among national negotiators to the UNFCCC under the Subsidiary Body for Science and Technological Advice (SABSTA) on climate change and agriculture. Over the years, David has been contributing to several policy related issues on climate change, environment, poverty and agriculture with UNEP, COMESA, SADC, International Organisation on Migration (IOM) and African Union, World Bank, FAO, Government of Malawi and several International and national Non Governmental Organisations (NGOs).

Commodious Nyirenda is a holder of a Master of Science Degree in Agro-forestry, Bachelor of Science Degree in Agriculture and Diploma in Agriculture all from the University of Malawi. Commodious is the Director of Trees of Hope Project of the Clinton Development Initiative, a developmental arm of the Clinton Foundation in Malawi for 5 years now. Trees of Hope is a carbon offset project pursuing objectives of Climate change mitigation, adaptation, capacity building and

rural livelihood resilience and improvement. Commodious has been instrumental in moving this project from concept stage to certification under the Plan Vivo carbon standard to enable it access carbon finance on the voluntary carbon market besides making history of being the first and still the only carbon project in Malawi to achieve certification under the Plan Vivo standard. Commodious holds further experience in management of agro-based projects in Malawi through employment with other organizations including Save the Children where he served as an Agriculture Specialist. In the process, Commodious has matured into an effective Program Manager and farmer trainer.

Despite the experience in the above areas, Commodious remains hungry for more knowledge to continue fuelling the engine for sustained and improved efficiency in service to the environment and livelihoods.

Philip Powell, Director of Eco-livelihoods Ltd, Sustainable Livelihoods Consultant

Gladys Kashimoto and I established Eco-livelihoods Ltd, an environmental service company, in 2010. We draw on experience gained in a decade of working with African forest communities in resource constrained, post-conflict environments to affect transformation of how people use natural resources to build sustainable livelihoods. I work with diverse and often disparate stakeholders from communities, traditional authorities, corporations and local governments to bring about change in people's livelihoods that builds peace and prosperity.

I have worked in civil society (as a Senator in the first democratic parliament in South Africa) and served in the armed services and government. I have a keen personal interest in the rebuilding of post-conflict societies and the reconstruction and development of communities building on my own life experiences in South Africa's civil war.

In 2001 I co-founded a company called Envirotrade and served for nine years as its Projects Director leading project design and development in Mozambique and scoping studies in Senegal, Ghana, Sudan, DRC, Zambia, Angola and Chad. Envirotrade and the University of Edinburgh developed a highly successful model for producing high social value carbon offsets from forest conservation in partnership with communities in Mozambique trading almost two million US dollars in PES based carbon offsets through the Plan Vivo network and verified as CCBA Gold Standard in all three categories in 2010.

My new company Eco-livelihoods provides a bridge between companies, corporations and individuals concerned with delivering successful environmental impacts and good community relations with the people and communities in and around their projects. Our work has been with the mining sector in the democratic Republic of Congo, Zambia, Zimbabwe, Sierra Leone and South Africa.

Our clients operate in remote areas characterised by high levels of poverty and underdevelopment and high levels of bio-diversity and threatened eco-systems. We provide support to corporate Community Engagement and Development (CED) initiatives in areas such as livelihoods restoration through improved food security, agricultural intensification and improved resource utilisation. We work with communities to build Community Based Natural Resource Management (CBNRM) in the habitat surrounding operational sites and developing site rehabilitation and project closure strategies that bring maximum benefit to neighbouring communities.

Mike Riddell provides Bioclimate, Research and Development with technical support in relation to community-based natural resource management, rural development and livelihoods. His background is in political ecology and biology, and his research in these fields has focused on rural livelihoods and natural resource governance. He has significant experience living and working in rural communities in developing countries, particularly in sub-Saharan Africa.

Mike's expertise includes monitoring of livelihood and socioeconomic aspects of PES projects and environmental-development interventions, identifying and working with local institutions, designing locally appropriate development projects, and increasing the capacity of local institutions to manage natural resources in a sustainable manner. Mike is currently involved in the coordination and implementation on Payments for Ecosystem Service projects in Cameroon, Senegal, Sierra Leone and Guinea.

Dr Susannah Sallu is a Lecturer in Environment and Development, Deputy Co-Director of the Centre for Global Development and Programme Manager of the MSc. Sustainability (Environment & Development), based in the School of Earth and Environment at the University of Leeds. Susannah's research is interdisciplinary using theories from both the natural and social sciences to understand the complexity and politics of social-ecological systems, with a focus on biodiversity, ecosystem services, livelihoods and human well-being in developing regions, particularly Africa. Her research engages with theories of complexity, resilience, vulnerability and sustainability, and tackles challenges relating to climate change, biodiversity conservation, food security and poverty alleviation. Her research aims to directly inform environmental and development policy and action. Alongside Professor Andrew Dougill, Susannah currently leads a World University Network (WUN) funded project on Climate Compatible Development Partnerships. She is also a supervisory member of the ESRC funded White Rose Doctoral Training Centre on Climate Compatible Development. Susannah is also currently co-investigator of a WUN funded project led by Dr. Rob Marchant (University of York) which will develop methodologies to investigate the social-ecological dynamics of East African landscapes across temporal, spatial and social perspectives; and a member of the WUN Limits to Adaptation team led by Dr. Petra Tschakert at Penn State University. Susannah is currently supervising 8 PhD students who are largely working in East Africa, particularly Tanzania, on the following issues: Climate Change Adaptation and Mitigation, forest governance and REDD+ policy, Payment for Ecosystem Services and Poverty Alleviation; Agrobiodiversity and Food Security. Susannah's most recent publications include papers on 'Climate Science, Development Practice, and Policy Interactions in Dryland Agroecological Systems' and 'Resilience and Vulnerability of Livelihood trajectories in rural Africa'. For more information see: <http://www.see.leeds.ac.uk/people/s.sallu>.

David Satterthwaite is a Senior Fellow at the International Institute for Environment and Development (IIED), a Visiting Professor at University College London and Editor of the international journal Environment and Urbanization. A development planner by training with a Doctorate in social policy, he has long had an interest in climate change issues. His books published by Earthscan include: Squatter Citizen (with Jorge Hardoy), 1989; The Earthscan Reader on Sustainable Cities (editor), 1999; Environmental Problems in an Urbanizing World (with Jorge Hardoy and Diana Mitlin), 2001; and Adapting Cities to Climate Change (co-editor with Jane Bicknell and David Dodman), 2009. He is also co-author (with Diana Mitlin) of Urban Poverty in the Global South to be published by Routledge later this year. He contributed to the Third and the Fourth Assessment of the Intergovernmental Panel on Climate Change and is currently a coordinating lead author in the Fifth Assessment on the chapter on adapting cities to climate change. In 2004, he was awarded the Volvo Environment Prize and made an Honorary Professor at the University of Hull.

Dr Stephen Syampungani is both a Forest Ecologist and an Environmental Engineer with more 15 years experience at both national and international levels. Over the years, Stephen has carried out research on environmental degradation, ecosystem resilience, forest and livelihood and rehabilitation of degraded ecosystems. Additionally, his area of expertise include environmental impact assessment & risk analysis, rural livelihoods and ecosystem sustainability, environmental and ecosystem auditing, woodland ecosystem characterisation and assessment, woodland productivity and carbon sequestration analysis. Stephen has published in many scientific journals and also spoken at numerous international conferences. Lastly, he has also participated in the coordination and

moderation of technical session at some international conferences such as XXIII IUFRO World Congress, Korea.

Dr Emma L. Tompkins has a PhD Environment Science (UEA), an MSc Environmental and Resource Economics (UCL) and a BA Economics (Leicester). Her current projects include: societal responses to natural hazards as an analogy for preparing for climate change; processes of institutional learning; drivers of private sector responses to weather hazards; motivators of individual change and the role of international conventions in shaping national behaviour.

Past collaborations have resulted in books with Emily Boyd (2010) *Climate change: A beginners guide*, and Kate Brown and Neil Adger (2002) *"Making Waves. Integrating Coastal Conservation and Development"*, as well as practical outputs for government and research users, such as *"Trade-off Analysis for Participatory Coastal Zone Decision-Making: A manual"*, also with Brown and Adger (2001). With colleagues from the Caribbean she has co-produced *"Surviving climate change in small islands; a guidebook"* and with colleagues from IVM and JNCC a manual on *"Valuing the environment in small islands"*. She is on the Editorial Board of *Ecology and Society* and on the Advisory Group for the UK Climate Impacts Programme. She is a lead author for the IPCC fifth assessment report, an expert reviewer for the IPCC fourth Assessment Report, and a contributing author to the IPCC Special Report on Disasters and Extreme Events.

Pius Yanda is a Professor in Physical Geography at the Institute of Resource Assessment, University of Dar Es Salaam. He has served the University of Dar Es Salaam in different academic positions for 26 years. Since 2006 he has been serving as the Director of the Institute of Resource Assessment. Professor Yanda is the Regional Director of Pan African START Secretariat (PASS). START is an International Organization responsible for Global Change Research. Pan African START Secretariat (PASS) coordinates all START activities within Africa. PASS is a component of the Global Change System for Analysis, Research and Training, (START) with broadly overall responsibilities of promoting and coordinating global research, capacity building and networking in Africa.

Professor Yanda has recently been appointed the Chair holder of Mwalimu Julius Nyerere Professorial Chair in Environment and Climate Change of the University of Dar Es Salaam for the tenure of three years renewable. Professor Yanda has worked extensively in environmental and climate change related studies in the region as well as in Tanzania. Between 2005 and 2007, he was one of the international experts in the panel that made a scientific review of state of art on climate change in the globe. He is one of the Lead Authors for Chapter 9 (Africa Chapter) of the Working Group II of the IPCC Fourth Assessment Report (AR4). He has published extensively in the international journals and books/book chapters in the field of environment and climate change.

Participants

Core University of Leeds Staff & CCCEP Team:

Dr. Susannah Sallu	Lecturer in Environment and Development
Professor Andrew Dougill	Professor in Environmental Sustainability, Head of School of Earth & Environment
Professor Jouni Paavola	Professor of Environmental Social Science, Co-Director of Sustainability Research Institute; Deputy Director of ESRC Centre for Climate Change Economics & Policy
Dr. Emma Tompkins	Reader in Environment & Development, University of Southampton
Dr. Lindsay Stringer	Reader in Environment and Development, Co-Director of the Sustainability Research Institute
Dr. Claire Quinn	Lecturer in Natural Resource Management
Dr. Julia Leventon	Research Fellow, Sustainability Research Institute

Speakers:

Professor Andy Dougill	University of Leeds
Dr. Susannah Sallu	University of Leeds
Dr. Emma Tompkins	University of Southampton
Yvan Biot	Department for International Development
Su-Lin Garbett-Shiels	Department for International Development
Prof. David Satterthwaite	International Institute for Environment and Development
Mr. Lindsey Jones	Overseas Development Institute
Dr. Natasha Grist	Climate and Development Knowledge Network
Dr. David Mkwambisi	Bunda College of Agriculture, University of Malawi
Mr. Commodius Nyirenga	Trees of Hope
Dr. Stephen Syampungani	University of Copperbelt
Professor Pius Yanda	Institute of Resource Assessment, University of Dar es Salaam
Mr. Charles Meshack	Tanzania Forest Conservation Group
Philip Powell	Eco-livelihoods
Dr. Mike Riddell	Bioclimate Research and Development

Other Participants:

Dr. James Van Alstine	University of Leeds
Dr. Anne Tallontire	University of Leeds
Mr. Edward Butt	University of Leeds
Prof. Suraje Dessai	Professor of Climate Change Adaptation, Sustainability Research Institute, University of Leeds
Dr. Susan Dray	University of Leeds
Dr. Evan Fraser	University of Guelph

Dr. Rob Marchant	University of York
Ms. Jenny Rafanomezana	Self-Help Africa
Dr. Deborah Sporton	University of Sheffield
Dr. Lindsey Stringer	University of Leeds
Ms. Natalie Suckall	Postgrad Research Fellow, Sustainability Research Institute
Dr. Chasca Twyman	University of Sheffield
Dr. Andy Marshall	University of York / Flamingo Land

**Research students and associates of the ESRC/White Rose Climate Compatible Development
Doctoral Training Centre:**

Alex Dorgan	University of Sheffield and University of York
Beth Harrison	University of Leeds and University of Sheffield
Lena Jeha	University of York
Eleanor Jew	University of Leeds
Felix Kalaba	University of Leeds & Copperbelt University
Emmanuel Kwayu	University of Leeds & Dar es Salaam University College of Education
Julia Latham	University of York
George Njoroge	University of Leeds
Chloe Sutcliffe	University of Leeds