

The logo for Environment for Development (EFD) features the letters 'EFD' in a bold, green, sans-serif font. Above the letters is a thick black horizontal bar, and below them is a thinner black horizontal bar.

Environment for Development



## EFD INITIATIVE CENTER REPORT

# KENYA 2012/13

EfD Kenya's focus is to build a healthy environment with sustainably managed natural resources and devoid of poverty so as to enhance the welfare of the Kenyan people. It is committed to continually improving environmental policy making and strengthening environmental economics capacity.



# THIS REPORT

This report presents EfD Kenya, its members and work during 2012/13.  
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Cover photo: Flamingos at the shore of Lake Nakuru, Kenya

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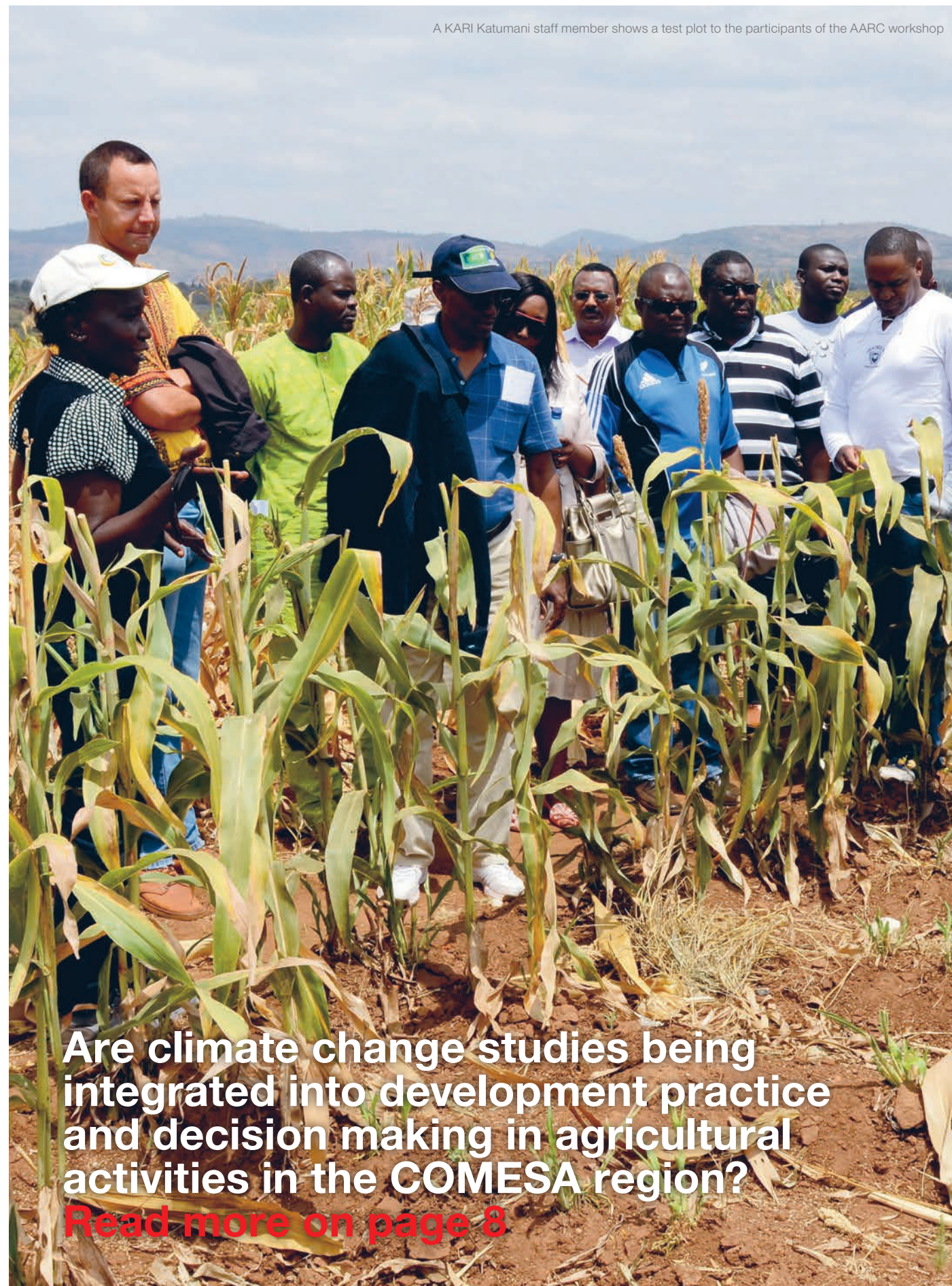
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A KARI Katumani staff member shows a test plot to the participants of the AARC workshop

**Are climate change studies being integrated into development practice and decision making in agricultural activities in the COMESA region?**  
**Read more on page 8**



Wilfred Nyangena, Coordinator

## MESSAGE FROM OUR CENTER DIRECTOR

It is my pleasure to present to you the 2012 Efd-Kenya annual report. In this report, I will provide an update of some of the things we have “enjoyed” during the year. The year marked the first time that we operated in a university environment and a time that will see the Efd family embark on new directions and test new waters. Among the highlights of the past year is our shift from KIPPRA offices to the University of Nairobi-School of Economics.

I am particularly excited to be involved in the transition as our host, the University of Nairobi, takes the centre stage in providing leadership in tackling serious policy challenges facing Kenya. As a country, we need to tackle growing concerns about unsustainable development of natural resources, disastrous impact of climate change, food security, and other concerns. These issues demonstrate the need to provide an evidence base for economic policy decisions. The essential requirements remain: sound economic research and competent researchers to achieve a permanent reduction in poverty and to bring shared prosperity to all Kenyans.

During the reporting year, and due to the protracted transition process, the program engaged in few research and policy related activities. Notable activities for the year include: hosting the workshop on Economic Analysis of Adaptation Options to Climate Change, held at Maanzoni in Machakos District. Around the world, many governments have started crafting adaptation plans and policies to respond to climate

change. However, many are still struggling to understand which policies and approaches are required to prepare effectively for an uncertain and potentially dangerous climate future. Since many governments are launching an endeavour that will continue for many decades, they are grappling with many questions. The workshop under the auspices of the African Adaptation Research Centres (AARC) initiative, with funding from IDRC Canada, brought together several participants from Anglophone and Francophone Africa for a three day workshop to answer some of these questions. A number of Efd-K staff from the School of Economics and those from Gothenburg University attended the workshop.

In a similar vein, Efd-K staff led a team of researchers conducting an assessment of Green Economy Scoping Study for the Ministry of Environment and Mineral Resources and the United Nations Environment Programme (UNEP). The assessment included a diverse set of stakeholders, with consultation taking place in various parts of the country throughout the assessment period. This culminated in a multi-stakeholder meeting in preparation for the RIO 20+ meeting in June 2012.

On the research front, a number of research projects were approved in the following areas: Climate Change, Food Security and Vulnerability; Energy Choice and Pricing; and Water Sector Reforms in Rural Kenya. Following from this effort, the first half of 2013 will be a period of receiving feedback and preparation of dis-

cussion papers. We will be setting up several research meetings in the late spring to discuss these projects.

The research project between Efd-K and Re-saKSS, initiated in the previous year, was also completed in 2012, with its focus on reviewing all studies done in the region on climate change and food security and identifying the potential gaps and areas for further research. This work forms the basis of our policy interaction report this year. We also engaged with the United Nations Economic Commission for Africa (UNECA) in a research activity focusing on assessing the agricultural sector policies and climate change in Kenya: the nexus between climate change-related policies, research and practice. The year also saw the completion of the Action Plan for the National Climate Change Response Strategy (NCCRS).

With regard to staff, the Centre lost its program officer, Mr. Geophrey Sikei, to Land O Lakes Inc., although he continues to serve Efd-K on a voluntary basis. His position has been taken up by Ms. Maimuna Kabatesi, who brings a wealth of experience and youthfulness into the centre.

We hope that you will find this report comprehensible, informative and interesting. Your feedback regarding the information contained here will be highly appreciated. Enjoy your reading.

Wilfred Nyangena, Ph.D.  
 Coordinator, Efd-Kenya.





The 6th Annual Meeting of the Environment for Development (EfD) Initiative took place in La Fortuna, Costa Rica, between October 25 and 29, 2012. More than 70 people participated.

## THE EFD ANNUAL MEETING 2012 IN COSTA RICA

**The 6th Annual Meeting of the Environment for Development (EfD) Initiative took place in La Fortuna, Costa Rica, between October 25 and 29, 2012. More than 70 people participated at the rendezvous this year, including researchers from all EfD centers around the world and their collaborators, as well as key stakeholders, to discuss and exchange research results from EfD projects, ideas, and proposals.**

### Decisions and Discussions on Research

The highlight of the meeting this year was the establishment of EfD as an independent legal entity which will be governed by a board with representatives of the EfD centers. The Board will be the highest decision making body and will appoint the Research Committee and the Secretariat. "This is a historic moment!" said Gunnar Köhlin, Director of the Environment for Development (EfD) Initiative, and a professor in the Department of Economics at the University of Gothenburg. "This will enable EfD to become a truly global organization, with the ambition of becoming the largest and most efficient organization to channel funds for research on environmental economics in developing countries."

The meeting opened with an enthusiastic welcome by Gunnar Köhlin, followed by welcoming

remarks by Francisco Alpizar, director of the EfD Central America Center (EfD-CA), based in Costa Rica. There were three keynote speeches and a panel discussion. The first keynote speech, by Ed Barbier of the University of Wyoming, was on Structural change, dualism and economic development. The second, entitled Measuring the impacts of environmental policies on the environment and the poor: protected areas and ecosystems services, was by Paul Ferraro, from Georgia State University. Lastly, Erin Sills of North Carolina State University gave a presentation on Understanding REDD: What and how can we learn from pilot projects? (REDD stands for Reduced Emissions from Deforestation and Forest Degradation.)

In addition, there were several very informative presentations during the plenary session and the parallel sessions. These covered a series

of issues, including interdisciplinary synthesis research, adaptation to climate change, transportation and congestion, water use and pricing, and fisheries. All of these presentations were given by experts from around the world.

The next EfD Annual meeting will be held in South Africa in 2013.

### EfD Policy Day at the Annual Meeting

The Policy Day is becoming a tradition during EfD Annual meetings. This event serves as a stage for researchers, policymakers, and politicians to interact around seminal policy-relevant issues to which EfD researchers can contribute. The 2012 Policy Day kickoff on October 25 brought together more than 55 participants in Santo Domingo de Heredia, Costa Rica. This invited group included both current and

former members of the Costa Rican Congress, ministers of the government of Costa Rica, and representatives from seven government agencies. There were also national and international representatives from eight NGOs, five research institutions or universities, and two private corporations.

The central theme of the Policy Day was research and policy interactions in climate change, water, and conservation of natural resources. Francisco Alpizar, the director of EfD-CA, celebrated the presence of a diverse group of people interested in moving forward research-based policymaking. "We are here to position EfD in the national context, to present developments in research that is relevant for policy design and decision making, to identify key needs for research on issues around the theme of the day, and to facilitate a dialogue between researchers, policy makers, and stakeholders working on defining policies around these subjects," said Alpizar. Most importantly, he added, "we are here because we want to help and to hear from you about the issues on which you need our help; researchers at EfD can provide a small contribution to resolving some of the myriad issues we need to confront."

After Alpizar's opening remarks, Jose Joaquin Campos, the Director General of the Tropical Agriculture and Higher Education Center (CATIE), gave a presentation about climate-smart territories and stressed the opportunities for CATIE and EfD to support human well-being in Latin America and the Caribbean. Campos praised the quality of work and accomplishments of EfD and wished for an even more productive, successful, and consolidated presence of EfD in the region. This presentation was followed by a talk by EfD director Gunnar Köhlin. Köhlin presented on The impact of international cooperation through EfD's research and capacity building. One of his key messages was that, through capacity building, rigorous research, and communication of issues, EfD's

work around the world contributes to well-grounded environmental analysis. This analysis supports key national plans and policies, as he demonstrated with an extended list of examples. Finally, the welcoming session closed with two presentations about cooperation to advance research and capacity building as part of South-South cooperation toward the "green economy." One was by Sergio Musmanni of the German Agency for International Cooperation (GIZ) Office in Costa Rica. The other was by Dr. Yue Zhai, First Secretary for Science and Technology, based at the embassy of the People's Republic of China in Costa Rica, who gave his talk in Spanish.

The Policy Day continued with three plenary sessions. The first brought up the topic of Opportunities for development: from adaptation and mitigation to climate change, starting with a presentation by Thomas Sterner. Sterner is Professor in the Department of Economics at the University of Gothenburg, an EfD Senior Research Fellow, and Visiting Chief Economist at the Environmental Defense Fund (EDF). He spoke about policy options and political feasibility in climate change and other environmental policies. Then, Álvaro Umaña, a Senior Research Fellow at EfD-CA, talked about needed changes in international negotiations on climate change en route to a low carbon economy. He was followed by Celia Harvey, Vice President for Global Change and Ecosystem Services, Conservation International (CI). Celia presented a newly launched collaboration between CATIE and CI called Ecosystem-based Adaptation for Smallholder Subsistence and Coffee Farming Communities in Central America: The CAS-CADE Project.

The second session focused on challenges and opportunities for the green economy and conservation with two presentations. Juan Robalino, another Senior Research Fellow at EfD-CA, presented his work about impacts of conservation policies. After that, Jorge Mario Rodríguez Zúñiga, Executive Director of The

National Forestry Financing Fund (FONAFIFO), talked about the future prospects for REDD+ and other Payment for Environmental Services (PES) schemes in Costa Rica. (The "plus" in REDD+ is for forest conservation, sustainable forest management, and the enhancement of carbon stocks.)

The last session on research and policy interaction on water and climate change consisted of three presentations. First, Róger Madrigal, Research Fellow at EfD-CA, showed the work the center is doing on adaptation to climate change and water governance. Maureen Ballesterio from the Global Water Partnership for Central America and former member of Congress in Costa Rica talked about shaping and advocating for the political agenda on water. Dr. Darner Mora, Director of the Blue Flag Program and the National Water Laboratory, Institute of Aqueducts and Sewage (AyA), ended the session with his presentation about the role of the AyA and its programs in water management.

The Policy Day was a cordial meeting full of exchanges between the speakers and the audience. For a moment, the participants were stranded under the colonial tile roof of the conference venue, which was at a distance from the restaurant where a delicious lunch was being served. The loud sound of the rain falling did not dim the lively discussions and enthusiastic questions between politicians, civil servants, and researchers alike. More than one person suggested that "this type of meeting should take place more often for all to learn and start speaking in the same language".

The media was also present during the day and covered a lot of the issues being discussed. Several EfD researchers and other participants were interviewed by both local and international news reporters. To see the list of media coverage for the Policy Day, visit media coverage EfD in media on [www.efdinitiative.org](http://www.efdinitiative.org).



Jesper Stage, Research Fellow, Sweden, Stephen Kirama, Research Fellow, Tanzania, Sied Hassen, PhD Student, University of Gothenburg, Moses Ikara, Research Fellow, Kenya



Adolf Mkenda, Research Fellow Tanzania, Thomas Sterner, Research Fellow Sweden and Mintewab Bezabih, Research Associate, Ethiopia



Yonas Alem, Research Fellow Ethiopia and EfD Research Officer, Sweden, Francisco Alpizar, Centre Director and Research Fellow Central America, Simon Wagura, Junior Research Fellow Kenya and PhD Student at the University of Gothenburg. In the back: Jonathan Colmer, PhD Student, London School of Economics, Miguel Quiroga, Universidad de Concepción



Panel discussion with Dr. Darner Mora, Director of the Blue Flag Program and the National Water Laboratory, Institute of Aqueducts and Sewage (AyA), Maureen Ballesterio, Global Water Partnership for Central America and former member of Congress in Costa Rica, Róger Madrigal, Research Fellow Central America and María A. Naranjo, Deputy Director and Research Fellow, Central America.



Participants in the 6th annual EfD meeting



Jane Mariara and Peter Kimuyu, Research Fellows, Kenya





# RESEARCH POLICY INTERACTION

This section focuses on the policy processes that we engaged in during the year. We participated in research on climate change, agriculture and food security research in the COMESA region, and other links between research and policy. These tasks inform our main policy interaction process for this year. The EfD initiative is built on the premise that, if relevant applied research is introduced in policy making processes, then this will result in improved policies and subsequently poverty reduction and a more sustainable development.

## Climate Change Research in the COMESA region

EfD-Kenya fellows Wilfred Nyangena and Geophrey Sikei, were engaged in the review and synthesis of literature on climate change research in the COMESA region and how it has influenced policy. This was at the request of the Regional Strategic Analysis and Knowledge Support System for Eastern and Central Africa (ReSAKSS-ECA). Special focus was on the links between climate change, agriculture and food security.



A KARI Katumani staff member shows a test plot to the participants of the AARC workshop



The Francophone participants at the AARC workshop held in Kenya in September 2012



Dr. Wilfred Nyangena, Research fellow and Coordinator of EfD Kenya

**T**his review was informed by the vulnerability of the poor and the marginalized to impacts of climate change. Thus, the review was meant to guide policy makers to target and implement effective adaptation initiatives. The study provided an assessment of the extent to which information from climate change studies is being integrated into development practice and decision making in agricultural activities in the COMESA region.

Within the COMESA region, little is known about the research evidence available to inform policy formulation. Moreover, it is not clear how the policy initiatives being implemented are informed by scientific evidence. There are relatively few studies on the extent of impacts of climate change or even the effectiveness of available adaptation strategies. There are even fewer studies on climate change mitigation. The existing studies are scattered in various sources; there is lack of a comprehensive synthesis of the available knowledge.





## POLICY LINKS

- Kenya Institute for Public Policy Research and Analysis [www.kipppra.org](http://www.kipppra.org)
- School of Economics, University of Nairobi [www.uonbi.ac.ke](http://www.uonbi.ac.ke)
- Kenya Wildlife Service [www.kws.org](http://www.kws.org)
- National Environment Management Authority [www.nema.go.ke](http://www.nema.go.ke)
- World Wildlife Fund [www.panda.org](http://www.panda.org)
- African Economic Research Consortium (AERC) [www.aercafrica.org](http://www.aercafrica.org)
- Ministry of Environment and Mineral Resource (MEMR) [www.environment.go.ke](http://www.environment.go.ke)
- International Livestock Research Institute (ILRI) [www.ilri.org](http://www.ilri.org)
- CIMMYT [www.cimmyt.org](http://www.cimmyt.org)

## POLICY SEMINARS, WORKSHOPS AND CONFERENCES

- International Association of Agricultural Economists (IAAE) Conference in Foz D' Iguassu, Brazil, August 2012
- Land Tenure Reforms: Impacts on poverty and natural resource management. What can we learn? Book project final workshop, May 2012 in Thorbjørn Hotel, Jevnaker, Norway
- EfD Annual Conference in Costa Rica, October 2012
- Workshop in Economic Analysis of Adaptation Options to Climate Change, September 2012
- Annual World Bank Conference on Land and Poverty 2011, held in Washington, DC, in April 2012



The Anglophone participants at the AARC workshop held in Kenya in September 2012



Geophrey Sikei at the International Association of Agricultural Economists (IAAE) Conference in Foz D' Iguassu, Brazil, August 2012

The review has shown that climate change is already here with us and its effects are predicted to worsen, with serious implications on food security, income generation and livelihood systems. Evidence shows that there are very few peer reviewed papers by African scientists on almost any aspects of climate change, from social to scientific works. The majority of the work is by experts from elsewhere, an indication that either local capacity is lacking or there are no research funds or interest from local institutions. Studies on estimations and modeling of climate change have been done at a very high scale or at a global scale. These global models are unable to represent finite atmospheric features that occur at local levels. Yet, these smaller details can have a big impact on local climate, which is one reason the effects of climate change are expected to vary from one geographic location to the other. Downscaling climate

models is critical as it can allow for examination of relatively small areas in detail - in some cases down to 25 square kilometers, a far higher resolution than that offered by global climate model simulations. Downscaled data can be used to develop more precise climate change adaptation plans. Without such data, this inadequacy results in high climate risks.

Governments have reacted by formulation of policies and strategies for dealing with climate change causes and impacts, both at national and regional levels, which is a good starting point. However, the main challenge lies in the implementation of the identified priorities, a step that remains largely unfulfilled due to financial, technical and even capacity constraints. Worse still is that the priority identification may not be well embedded in science, given the paucity of precise information on climate change at a local scale.



Geophrey Sikei, EfD Junior Research fellow and Program assistant



Community members in one of the driest areas in Kenya come to the community well to purchase water

## RESEARCH

Applied, policy relevant research is a core activity for the EfD initiative. Research is a critical input in a long-term strategy to reduce environmental degradation, eradicate poverty and ensure sustainable use of natural resources. However, the lack of comprehensive research on environmental resource management and poverty alleviation still remains a major challenge. The presence of this research is vital for informing national strategic plans and policies. Policymakers, farmers, donors, and others need research-based information, not only to design policies but also to evaluate their efficiency in reaching their objectives.

## PUBLICATIONS 2012

## Peer reviewed

Guthiga, Paul et al. 2012. "Averting biodiversity collapse in tropical forest protected areas." *Nature* doi: 10.1038/nature11318.

Bluffstone, Randy, Elizabeth Robinson, and Paul Guthiga. 2012. "REDD+ and community-controlled forests in low-income countries: Any hope for a linkage?" *Ecological Economics* 87 (2013): 43–52.

Nyangena, Wilfred. 2012. "Economics of Climate Change and Natural Resource Management in Africa." AERC Publications.

## Discussion Papers

Ogada, Maurice, Wilfred Nyangena, and Geophrey Sikei. 2012. "Forest Management Decentralization in Kenya: Effects on Household Farm Forestry in Kakamega." (submitted for review)





## PROJECTS 2012/13

The various projects listed below are carrying on into 2013.

### Investment in data for sustainable land use and forest management in Kenya

In 2010, EfD-Kenya embarked on a pilot study analyzing the effects of forest devolution in Kenya with a specific focus on Kakamega Forest. In particular, the research focuses on the formation of Community Forest Associations (CFA), which are expected to manage forests after the devolution process that the Kenyan government is currently undergoing. Intensive data collection on this was undertaken in 2012. The overall aim is to invest in a large and credible data set that can be used to analyze related socioeconomic issues at the household level.

### Climate change, water, food security, and adaptive capacity of vulnerable households in Kenya

The research on climate change in Kenya has focused on certain key questions: how has climate variability affected food security in Kenya, who is vulnerable to climate variability and climate change in Kenya and how vulnerable are they? This study aims to find the key policy options for mitigating the effect of climate variability on food security and vulnerability.

The general objective of this study is to analyse the linkages between climate change, food security and hunger in Kenya. The specific objectives include: (i) Examine vulnerability of Kenyan agriculture to climate change; (ii) Examine the impact of climate variability and change on food security in Kenya; (iii) Formulate policy options for mitigating the effect of climate variability on food security, hunger and vulnerability in Kenya.

### Evaluating Water Reforms in Kenya-Setting the agenda

In Kenya, successive governments have faced the challenge of managing national water resources and maximizing the availability of potable water to the majority of Kenyans. This project has focused on setting the stage for long-term rigorous research in Kenya's water sector by evaluating the performance of reforms in the sector. These reforms have often been cited as a model that should be replicated in other sectors, hence the importance of generating sufficient evidence on performance of these reforms before they are considered for replication in other sectors.

### Energy Sector-Adoption of Solar Energy and Household Energy Conservation in Kenya

Many countries in the developing world have in the recent past witnessed an increasing demand for energy. The energy consumed has included mostly electricity, fossils fuels and renewable energy. Due to increased economic activities and a surge in population growth, the demand for energy has surpassed the supply in many of these countries. In Kenya's power sector, the available capacity is far less than demand. Likewise, the demand for automotive gas oil, gasoline, kerosene and LPG, among other petroleum products, has also witnessed enormous increases. In addition, biomass still provides bulk of energy consumption, accounting for over 70 percent of total energy. The goal of the two projects described below is to analyze energy consumption and choice using the latest government surveys.

The objective of the study on adoption of solar energy is to explore adoption of solar technology in Kenya using the latest government household budget survey. The data is used to determine the odds for installation of solar panels and choice of solar energy rather than other sources of electric energy used for domestic lighting in urban and rural Kenya.

The study on household energy conservation seeks to investigate household energy conservation patterns in using the latest National Energy Survey data. The project uses data analysis to come up with estimated determinants of conservation practices used by households to conserve use of fuel wood, charcoal, electricity, liquefied petroleum gas and kerosene.

### Collaborative Projects in 2012 Optimal Pricing of Parks and Wildlife Resources in Eastern and Southern Africa

The goal of this study is to improve park revenues and management in a manner that both supports sustainable resource management and alleviates poverty, which are the stated goals of park agencies. The project is being carried out with Edwin Muchapondwa (University of Cape Town) and Gardner Brown (University of Washington).



Park pricing workshop participants on a boatride, River Zambesi, Zimbabwe

## RESEARCH PRESENTATIONS

### Conferences

#### Annual World Bank Conference on Land and Poverty 2012, in Washington DC in April 2012

Dr. Wilfred Nyangena

Determinants of Household Participation in Community Forest Associations: Evidence from Kakamega District, Kenya

#### International Association of Agricultural Economists (IAAE), in Brazil in August 2012

Ogada Maurice Juma

Kenya Land Reforms: Implications on Devolved Forest Management Regime

Geophrey Sikei

Forest Reforms in Kenya and Rural Agricultural Households Labour Allocation Decisions: Evidence from Kakamega Forest, Western Kenya







Rodney Lunduka, Jesper Stage, Calvin Atewamba and Gunnar Kohlin (front row L-R) were some of the trainers at the workshop Economic Analysis of Adaptation Options to Climate Change

## ACADEMIC CAPACITY BUILDING

The EfD academic capacity building component is designed to minimize the shortage of trained environmental economists in developing countries by supporting undergraduate and postgraduate studies in environmental economics and by building the capacity of local public universities through teaching support, research grants, books and other support. Linking research with academia is one of the unique features of EfD.

EfD Kenya fellows teach both undergraduate and graduate courses in environmental economics at the School of Economics, University of Nairobi. Besides teaching, the fellows are involved in supervision of MSc and PhD thesis research.

### COURSES

Courses taught by EfD-Kenya Research Fellows include;

#### Undergraduate courses

- Resource Economics
- Environmental Economics

#### Graduate courses

- Resource Economics
- Environmental Economics
- Environmental Valuation and Policy
- Research methodology

#### Recommended Masters Programs

- Master of Science in Economics with a track in environmental economics at the Graduate School, University of Gothenburg, School of Business, Economics, and Law
- Masters of Arts in Economics, University of Nairobi
- Masters of Arts in Economic Policy Management, University of Nairobi

#### Recommended PhD Programs

- PhD in Economics, School of Economics, University of Nairobi
- PhD in Environmental Economics, Environmental Economics Unit, Department of Economics School of Business, Economics and Law, University of Gothenburg

Giraffe in Nairobi national park





# THE KENYAN NODE IN THE EFD NETWORK

EfD Kenya is one of the six centers in the EfD initiative. The centre works closely with individuals and institutions in the public sector, policy research, and academia both at the local and international level. Since inception in 2007, the center's host and main executing institution has been the Kenya Institute for Public Policy Research and Analysis (**KIPPRA**), a public policy think tank. KIPPRA was rated as one of the most reputable public policy research institutions in Africa (**McGann Think Tanks Report**). In KIPPRA, EfD-Kenya was able to establish important networks with policy makers, both locally and internationally. In July 2012, the program relocated its secretariat from KIPPRA to the University of Nairobi, School of Economics (SoE). SoE will host the program for the next phase of implementation, running from 2012-14.



Wilfred Nyangena



Maimuna Kabatesi



Geophrey Sikei



Peter Kimuyu



Jane Mariara



Moses Ikiara

Supported by the Swedish International Development Cooperation Agency (Sida), EfD Kenya in collaboration with the School of Economics at the University of Nairobi and the Environmental Economics Unit (**EEU**) at the University of Gothenburg continues to conduct research and training in environmental and resource economics.

EfD Kenya is committed to and focused on improving and strengthening the integration and mainstreaming of environmental issues in planning and public policy in Kenya.

It aims to do this by:

- Providing an interface between policy makers and academia
- Conducting high quality research and policy analysis in the area of environment and natural resources and their optimal exploitation for sustainable development
- Building capacity in environmental economics by strengthening the existing academic programs in the discipline, collaborative research and advanced short courses for forum members
- Building capacity in the realm of environmental policy analysis through in-service training and short courses for policy makers and implementers
- Policy outreach and dissemination of research findings through policy briefs,

research papers, workshops, seminars and publications

- Peer networking and learning through regular forum meetings and exchange programs with other regional and international centers

## STAFF

In 2012, there were changes in the staff composition. Geophrey Sikei left the program towards the end of the year to join Land O' Lakes International, a USAID funded program. Geophrey was replaced by Ms. Maimuna Kabatesi. EfD-K also instituted a body, the Executive Committee (EC), to oversee program operations. The EC is composed of the EfD-K Coordinator, Directors of the School of Economics and KIPPRA, a senior academician from the SoE, and two research fellows. In addition to the centre staff, the centre continues to engage various research associates in its domestic research interactions.

### Local researchers and staff

- Ph.D. Wilfred Nyangena, Coordinator and Research Fellow
- MSc. Geophrey Sikei, Junior Research Fellow/ Program Assistant
- MA. Maimuna Kabatesi, Program Assistant/ Assistant Analyst

### Domestic research associates

- Ph.D. Paul Guthiga – International Livestock Research Institute (ILRI)
- Ph.D. Candidate, Maurice Ogada – International Livestock Research Institute (ILRI)
- Ph.D. Candidate, John Mutua, University of Nairobi and Energy Regulatory Commission of Kenya
- Ph.D. James Njogu – Kenya Wildlife Services (KWS)
- Ph.D. John Omiti, KIPPRA
- Ph.D. Richard Mulwa – Department of Agriculture Economics, University of Nairobi
- Ph.D. Joseph Onjala – Institute of Development Studies (IDS), UoN
- Ph.D. Candidate, Fred Owegi, World Bank, and Wageningen University
- Ph.D. Peter Kimuyu – School of Economics, University of Nairobi
- Ph.D. Jane Mariara – School of Economics, University of Nairobi
- Ph.D. Moses Ikiara, KIPPRA

### International research associates

- Ph.D. Candidate, Simon Wagura, Department of Economics, University of Gothenburg
- Ph.D. Menale Kassies – CIMMYT, Nairobi
- Ph.D. Kofi Vondolia – UNEP, Nairobi

More details about each person are available on the EfD website, in the "Centers" section for Kenya. [www.efdinitiative.org/centers/kenya](http://www.efdinitiative.org/centers/kenya)

## NETWORKS

In order to effectively make an impact in its mandate, EfD-K has developed good working relationships with other regional and national research and policy oriented organizations in the country. It has gained considerable trust and credibility with both public and private institutions. It has a strong working relationship with reputable institutions in the country. These include National Environment Management Authority (NEMA), Kenya Institute for Public Policy Research and Analysis (KIPPRA), United Nations Environment Programme (UNEP), ICRAF, World Wildlife Fund (WWF), Kenya Wildlife Service (KWS), the CGIAR centers (ILRI, CYMMT), United Nations Economic Commission for Africa (UNECA), Ministry of Environment and Mineral Resources (MEMR), Ministry of Finance, and Office of the Prime Minister, among others.

## DONORS AND FUNDING

EfD Kenya is mainly supported by the Swedish International Development Cooperation Agency (Sida).

## CONTACT US

You are most welcome to contact the EfD Kenya center and the Kenya Institute for Public Policy Research and Analysis (KIPPRA)

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Rhinoceros in Nairobi national park

## THE EFD INITIATIVE IN BRIEF

*Our vision is green economy; sustainable economic growth founded on efficient management of ecosystems, natural resources and climate change impacts.*

The Environment for Development initiative received its name from our conviction that with proper management the environment can be seen as a source of development and not as a constraint.

Our mission is to contribute to poverty alleviation and sustainable development through increased use of environmental economics' capacity in policy design and policy-making processes pertaining to management of ecosystems, natural resources and climate change impacts. We use environmental economics tools to both identify the roots to environmental problems in modern economies, and to find what social and economic mechanisms can be used to solve them.

The foundation of the EfD initiative is its members, environmental economists in a selection of countries. As research fellows and associates we

work for EfD centers hosted by well-established academic institutions in China, Costa Rica (for Central America), Ethiopia, Kenya, South Africa and Tanzania. EfD have an important partner organization in Resources for the Future (RFF), Washington DC, USA. A new partner to EfD Since 2012 is also Universidad de Concepción in Chile. Our associates are based at RFF and several universities across the world. One of them, University of Gothenburg in Sweden, hosts the EfD secretariat.

The Swedish International Development Cooperation Agency (Sida) is currently a major funder of the EfD research and capacity building program through core administrative support, a research fund, and funds to strengthen academic training and policy interaction.

## EFD CENTERS AND PARTNERS

There are six EfD centers, hosted by universities or academic institutions in each respective country.

**For more information on each center, please contact the Center Director/Coordinator:**

### EFD CENTRAL AMERICA

Research Program in Economics and Environment for Development in Central America. Centro Agronómico Tropical de Investigación y Enseñanza (CATIE)  
Dr. Francisco Alpizar, Center Director  
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Phone: +506 558 2215 /2624



### EFD CHINA

Environmental Economics Program  
Peking University  
Professor Jintao Xu, Center Director  
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Phone: +86 10 62767629



### EFD ETHIOPIA

Environmental Economics Policy Forum for Ethiopia  
Ethiopian Development Research Institute (EDRI/AAU)  
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### EFD KENYA

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### EFD SOUTH AFRICA

Environmental Economics Policy Research Unit  
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### EFD TANZANIA

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### EFD PARTNERS



UNIVERSITY OF GOTHENBURG  
SCHOOL OF BUSINESS, ECONOMICS AND LAW

#### EEU, Environmental Economics Unit

EEU at University of Gothenburg, Sweden, has initiated the EfD initiative and acts as coordinator and secretariat. For more information please contact:

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#### Sida

Swedish International Development Cooperation Agency, provides the funding for the EfD initiative.



#### RFF, Resources for the Future

RFF in Washington DC, US, is an important partner of the EfD initiative. RFF's research fellows will work closely with their counterparts and RFF's communications staff will help to disseminate the new centers' research products. For more information please contact:

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#### Universidad de Concepción

#### Research Nucleus on Environmental and Resource Economics

Universidad de Concepción  
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**To find out more about our work and the EFD initiative:**

Please visit [www.efdinitiative.org/centers/kenya](http://www.efdinitiative.org/centers/kenya)

You are most welcome to contact us:

EfD Kenya

University of Nairobi,

School of Economics

P.O. Box 30197, 00100 Nairobi

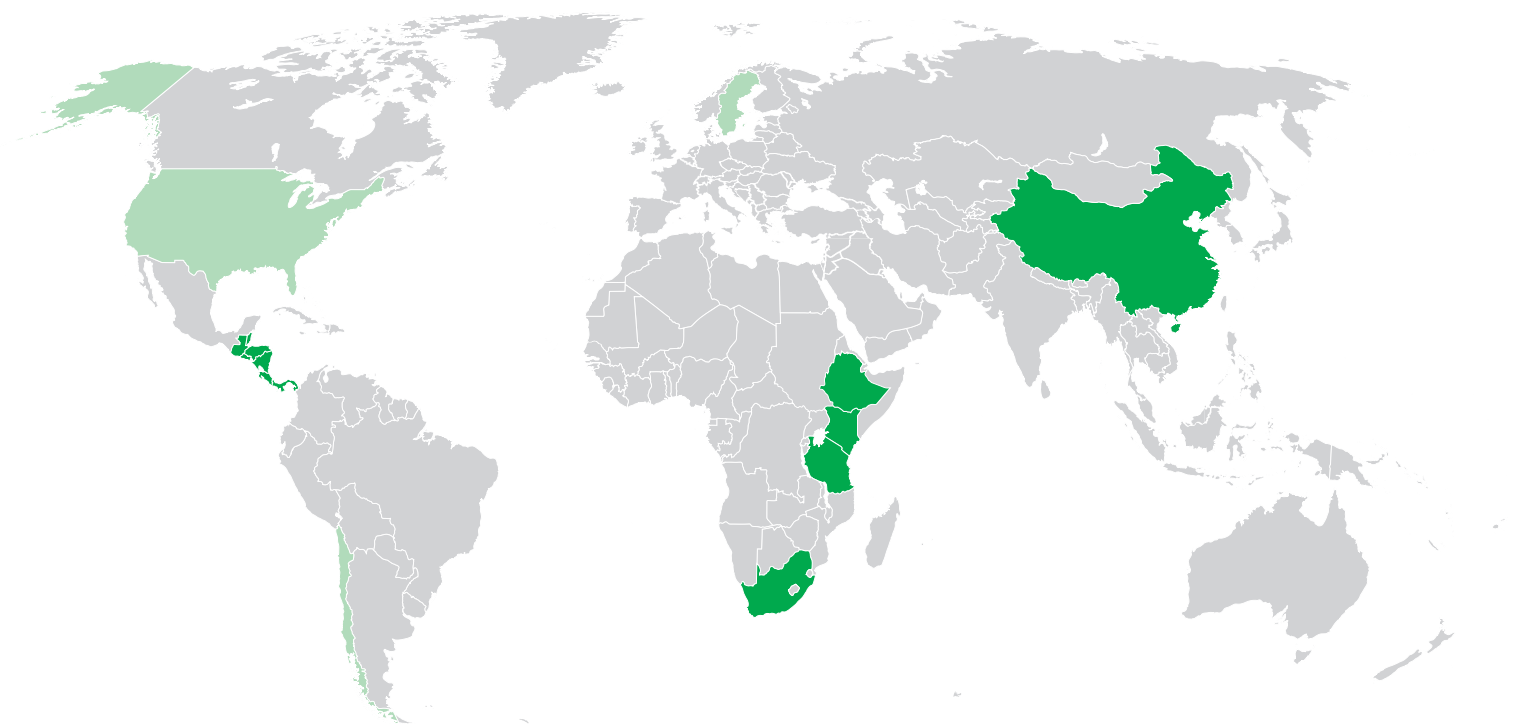
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**EfD CENTERS**

Central America, China, Ethiopia, Kenya, South Africa, Tanzania

**PARTNERS**

Sida, University of Gothenburg, RFF, Universidad de Concepción



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