



EFMD

ANNUAL  
REPORT

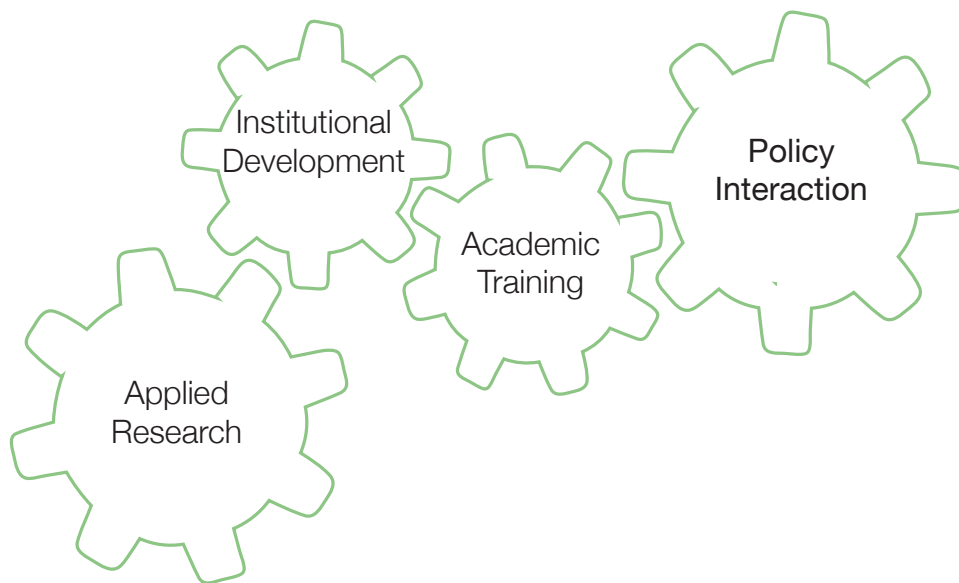
Tanzania  
2017



# Environment for Development

The EfD Initiative is a global network of environmental economics' research centers.

We contribute to effective management of the environment in the global south through:



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## Director message

In Tanzania, like many other developing countries, there is not a strong focus on providing research that aims to influence the policy making process, or the implementation of those policies. EfD Tanzania (EfD-T) has tried to bridge this gap by reviewing some of the country's existing policies in order to provide novel research outputs that can inform policy makers and effectively addressed the gap between research outputs and policy making processes.

During 2017, EfD-T achieved a great deal, particular in terms of its policy and research activities. Researchers

also worked with government ministries, departments, and agencies in many policy forums during this time. The centre helped develop the Country Environmental Analysis (CEA) analytical tool, in collaboration with EfD Sweden and the World Bank country office, and with the support of the Swedish Embassy in Tanzania. The CEA is expected to highlight key environmental issues facing Tanzania in the coming decade and beyond, with a focus on sectoral opportunities, constraints and trade-offs for simultaneously achieving economic, social, and environmental objectives.



*Lake Victoria basin, this basin has more than 200 species of fish, of which tilapia is the most important for economic activities.*

# Research

The level to which research influences policy or responds to existing policy demands in a country has become a matter of concern among researchers and policy makers in Tanzania. The focus of EfD-Tanzania is to make sure that its research outputs lead to informed policy decision, therefore aligned its center research agenda with existing policy processes, coupled with platforms where it is able to interact with researchers and policy makers. Through this we don't only respond to the existing policy demands, as far as evidence-based research is concerned, but also use the opportunity to produce novel research outputs that are of interest to policy makers, and which fill the economic gaps in question.

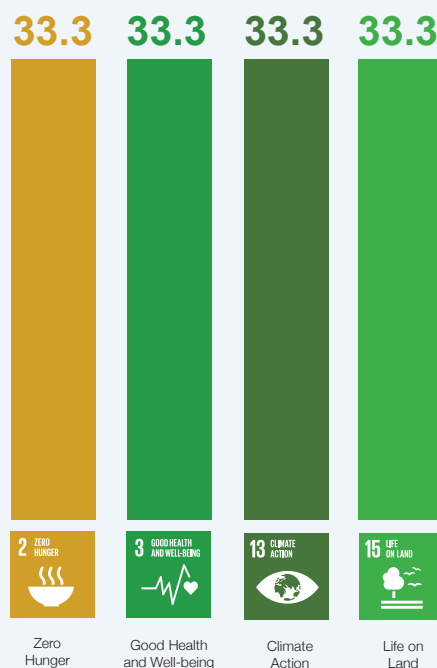
EfD-Tanzania has built teams of researchers with expertise in environmental and natural resources economics, agricultural economics, behavioral economics, poverty analysis and public sector issues, impact analysis and project appraisal, as well as monitoring and evaluation of development projects.

EfD-Tanzania has therefore aligned its 2016 to 2021 research priorities with the country's priority policy agenda, to bridge the existing research-to-policy gap. In 2017 most of the research activities focused on agriculture and adaptation to climate change, water resources, forestry, energy, and ecosystem services. We plan to continue supporting our country's development efforts through focusing on similar research themes.



*EfD Tanzania researchers during the country environmental assessment retreat, Bagamoyo, about 60km north-west of the Tanzanian capital of Dar es Salaam.*

## % of center publications that address SDG's



(total amount of % does not add up to 100 percent due to double counting)



10 publications in 2017



## Collaborative Research Programs



*Ecosystem Services Accounting for Development researchers at the 2017 workshop in Addis Ababa, Ethiopia*

EfD has institutionalized south-south-north experience sharing through the research collaborations. The Sustainable Energy Transition Initiative (SETI) network, the Forestry Collaborative, and the Ecosystem Services Accounting for Development (ESAforD) that apply the “Community of Practice” approach have been very active during 2017. SETI organized a big workshop at Duke in May 2017 with more than 70 practitioners. Similarly, the forestry collaborative organized a meeting back-to-back with the EAERE annual conference in Athens in June 2017.

All collaboratives had meetings during the EfD annual meeting in Addis, Ethiopia in October. We now start to see the outcomes of these collaborations. There is increased learning between centers, and increased joint participation in various international meetings etc. We expect to see much more impacts in the years to come while these collaborations continue to mature.

*Sustainable Energy Transition Initiative Program leader  
Subhrendu Pattanayak presenting at EfD's 2017  
Annual Meeting in Addis Ababa, Ethiopia*





## Policy Interaction and Communication



*AloyceHepelwa (left to right), Honest Mseri, Lucian Msambichaka, and OnesmoSelejio in discussion during the post-harvest workshop hosted at the University of Dar es Salaam in November 2017.*

Our 2017 policy day focused on managing post-harvest agricultural loss, in order to improve food security in Tanzania.

EfD-Tanzania researchers and Tanzania's Deputy Minister of Agriculture, Dr Mary Mwajelwa, interacted in a two-day national level conference focusing on post-harvest management issues. The gathering took place November 8th and 9th at the University of Dar es Salaam and focused on pertinent issues relating to how post-harvest management impacts on food security and industrialization in Tanzania.

Our team had a significant presence at the conference. AloyceHepelwa presented on the challenges and opportunities for small scale rural Tanzanian farmers in the context of climate change and post-harvest agriculture systems. Martine Chegere addressed how economical and effective hermetic bags are for maize storage, as an innovative technology for post-harvest management. Finally OnesmoSelejio focused on the factors influencing adoption of improved post-harvest storage technologies by smallholder maize farmers in Tanzania.



*Group photo of Researchers from EfDT, World Bank's group and the Swedish Embassy during discussion on the implementation of CEA at the University of Dar es Salaam*



*EfDT Policy Board members and EfDT secretariat pause in a group photo after Board meeting held at the University of Dar es Salaam*

## Academic Capacity Building



*Innocensia John Massao, a doctoral graduate in economics, is currently working on geographical indication and product marketing in Tanzania.*

EfD-Tanzania continues building academic and research capacity in the field of environmental economics. In the year 2017 the Department of Economics at the University of Dar es Salaam offered one elective course in environmental economics to undergraduate student. The department also offered three courses on energy economics, petroleum economics, and environmental economics as specialization courses for master's students. These courses were taught by our researchers. Master's and PhD supervised theses and dissertations focused on environment and natural resources economics, policy analysis, and poverty issues. In 2017, a total of 19 master's students and four doctoral students wrote their theses and dissertations on environmental economics themes, and graduated from the University of Dar es Salaam.



*Yusuph John Kulindwa, graduated with a doctorate in economics in 2017*



*15 Masters Students on Environmental Economics Courses*

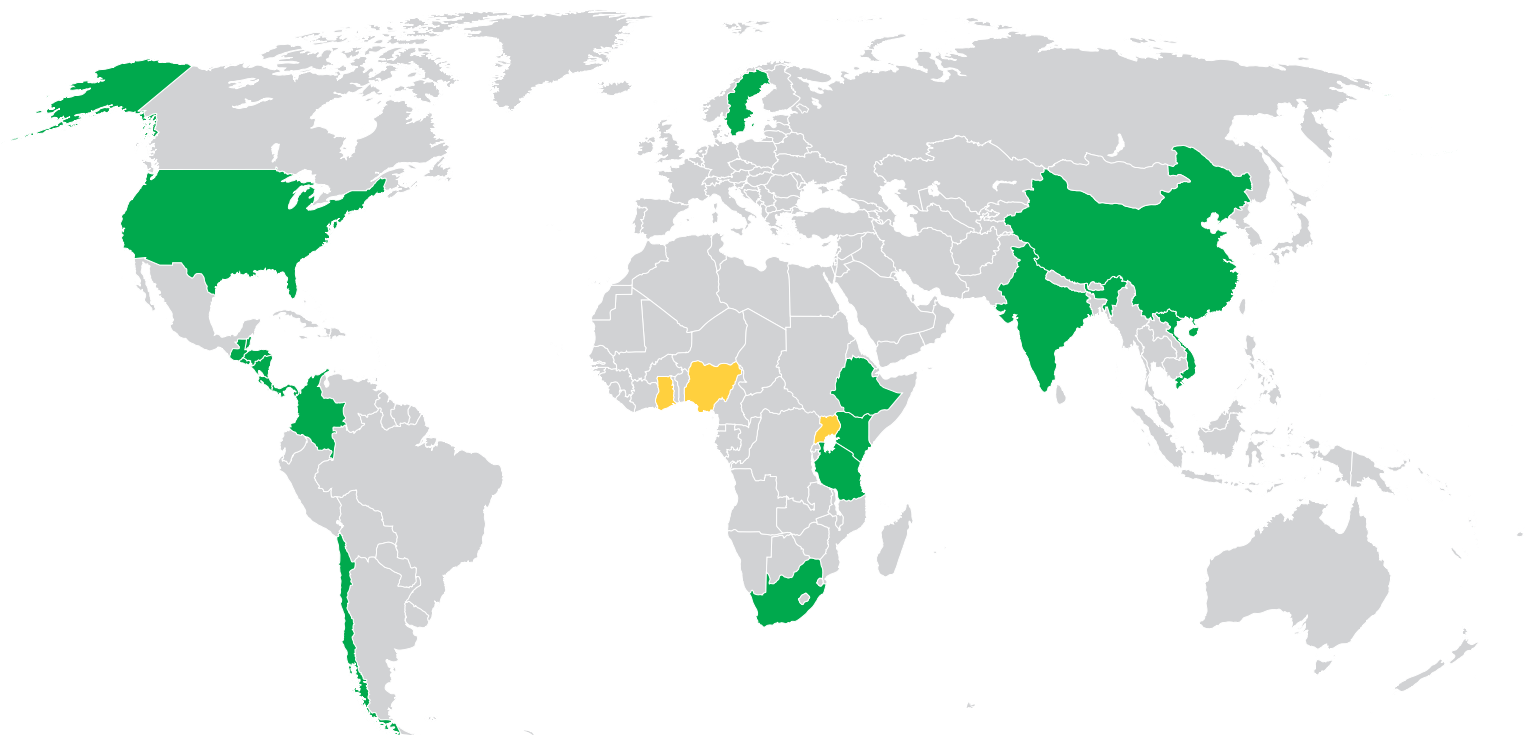
*4 PhD theses completed  
6 Masters theses completed*





## EfD in Tanzania

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