



Jacqueline SENYAGWA

Home Country: Tanzania

Degree: PhD in Energy and Development

Expertise: Environmental Science

Research Focus: Sustainable Energy

Host University: University of Cape Town,
South Africa

Fellowship Awarded: 2016

Jacqueline has a BSc in Environmental Sciences and Management from the Sokoine University of Agriculture, Dar es Salaam, Tanzania, and an MSc in Natural Resources Assessment and Management from the University of Dar es Salaam. For the last five years Jacqueline has focused on advancing knowledge in the field of environmental sciences and natural resource management for transformation of livelihoods in the developing world. She is a Research Associate with the Stockholm Environment Institute (SEI) Africa Center, which focuses on climate and energy; water, land and ecosystems services, and sustainable urbanization.

Jacqueline's PhD research focuses on energy and development. Similar to much of the developing world, a large proportion of the population of Tanzania lack modern forms of energy. Jacqueline believes that sustainable energy solutions have the potential to not only transform the energy sector but also act as a driver for other sectors of economic importance including agriculture, which employs about 70% of the population of Tanzania.

In her early career development Jacqueline was widely involved in action research in the education sector and community development projects. She is actively involved in community conservation activities through partners in the Institute of Resource Assessment at the University of Dar es Salaam. Jacqueline has given inspirational talks to youth in different platforms and is involved in gender training and mentoring through the African Women in Agriculture Research and Development (AWARD) program.

After completing her PhD studies, Jacqueline is looking forward to implementing her research ideas into reality by working with relevant partners in her home country such as the Tanzania Sisal Board, University of Dar es Salaam, small sisal producers and companies involved with marketing and developing sisal products. Other stakeholders include SEI and other international bilateral and multilateral development partners who are interested in energy and development.