Welcome to the Master’s course in Development Studies

EDS384: Development and Environment in Practice, in Tanzania

By: Evy Jørgensen, Helene Lie, Nina Lande, Lars Olav Eik, Kassim Kulindwa, Stian Eisenträger, Ingrid Witsø, Innocent Thomas, Oddvin Sørheim and Ingunn Bohmann

Department of International Environment and Development Studies (Noragric)
Norwegian University of Life Sciences
EDS 384: Development and Environment in Practice, Tanzania

If you...

• Wish to get practical research experience
• Are aimed at improving your project skills
• Thrive in different cultures
• Care for nature
• Feel attached to people and wish to improve their living conditions

...then THIS is the right Master’s course for you!
Sokoine University of Agriculture (SUA)
Uluguru mountains in the background of the SUA main administration building

Soikone University of Agriculture

http://www.suanet.ac.tz/
EDS 384 is linked to two research programmes

- **Climate Change Impact, Adaptation and Mitigation in Tanzania (CCIAM)**
  This programme is aimed at issues of natural forest conservation, afforestation, reforestation and better agricultural practices for improved livelihoods related to the “Reduced Emissions from Deforestations and Forest Degradation (REDD)” initiative.

- **Enhancing Pro-poor Innovations in Natural Resources and Agricultural Value-chains (EPINAV)**
  SUA and Dept of International Environment and Development Studies (Noragric) cooperate on issues of integrated dairy productivity of domestic animals and innovative technologies involved.

- This course forms part of the extension from joint research to student exchange programmes and builds on the further experience of running field courses in other developing countries.
CCIAM

• Is the joint programme developed by Sokoine University of Agriculture (SUA) in collaboration with University of Dar es Salaam, Ardhi University, Tanzania Meteorological Agency, and several Norwegian institutions coordinated by Norwegian University of Life Sciences/Dept of International Environment and Development Studies (Noragric)
The main areas for CCIAM research are:

• To determine and develop appropriate climate change mitigation and adaptation strategies in forestry, other land uses, ecosystems and biodiversity management;

• To assess climate change impacts on and vulnerability of ecosystem services and livelihoods under REDD initiatives;

• To conduct policy and legal framework analysis of climate adaptation and mitigation with emphasis on economic efficiency, ecological effectiveness and wider political legitimacy.
EPINAV is about improving people’s livelihoods by introducing and strengthening conservation agriculture (CA) in Tanzania.

The 15 EPINAV projects which are carried out in cooperation with SUA (Sokoine University of Agriculture) are aimed at production of crops with less disturbance of the soil, minimizing soil erosion and preventing water loss in the soil.

The aim is also improving livelihoods and health conditions of people living in poor areas through improved breeds of domestic animals.
• Successful projects have been connected to introducing *Norwegian dairy goats* by SUA in the Mgeta Highlands and elsewhere in Tanzania where this has proved to be appropriate technology for areas with high population pressure and poor households who cannot afford keeping dairy cattle.

• Norwegian dairy goats have found wide acceptance, forming part of more than 40,000 dairy goats reared nationwide across many regions in Tanzania. This management has been developed gradually through continuous close contact and dialogue between the farmers, the SUA staff and the extension workers.
Kibosho farmers receiving milk goats
Teaching and learning

- Printed & electronic material, Internet
- Classroom introductory lectures
- Guest speakers from extension, NGOs, research institutions and Team Leaders from relevant NORAD/Noragric supported projects
- Buzz sessions & discussion groups
- Visits to nearby field stations to observe ongoing conservation and management of natural resources in Morogoro, Kilosa and Mvomero Districts, including Mikumi National Park and Udzungwa National Park (optional recreation activity)
- Field visits & field research in order to acquire country specific knowledge and practical field and project skills
The course’s 7 modules

- **I**: Introduction to Tanzania culture and history
- **II**: Public Policy and development
- **III**: Food and livelihood Security
- **IV**: Natural resources, property rights and institutions
- **V**: The politics of protected areas and forest conservation
- **VI**: Project planning, management, monitoring and Evaluation
- **VII**: Social Science research: From theory to practice

**Grades**: Each module exercise from module 2 to 6 will carry 10% weight of the total final grade which is 15 credits. The final field report based on module 7 will carry 50% weight of the total grade.
Module I

- **Introduction to Tanzania culture and history**
  - In this overview, the **language policy** and early post-independence attempts at detribalization in promoting **social integration** and creation of **national consciousness** in Tanzania will be presented and discussed.
  - Ideas of religious tolerance and state secularism, the **history of Zanzibar** and culture and an overview of
  - Tanzanian policy episodes and their impact on development will also be reviewed.

- **Venue**: Lectures and discussions conducted at the **National Museum of Tanzania in Dar es Salaam**
Module II

- **Public Policy and Development in Tanzania**
  - The module will discuss the blueprint for Tanzania’s development (MKUKUTA) and its implementation.
  - In addition, the module will look at how public welfare services are organized, institutionalized, and practiced in the era of decentralization and liberal state policies.
  - These will include public-private partnerships, cost sharing, etc., and
  - A look at how the UN Millennium Development Goals (MDGs) influence these policies.

*Visit:* Mtibwa Sugar Factory in Turiani
Module III

- **Food and livelihoods Security in Tanzania**
  - Different types of agricultural production systems in Tanzania and relate these to the issues of food security.
  - The module will also discuss the application of livelihood approaches to food security and livelihood sustainability.
  - *(Specifically, livelihood diversification strategies and implications on community based natural resources management for food security)*

- Field Visits: (1) Morogoro Regional office for presentation on Strategic Grain Research and FAMOGATA
  (2) Mgeta dairy goat project and yoghurt production and Mgeta fish farming
Module IV

- **Natural Resources, Property Rights and Institutions in Tanzania**
  - Issues of natural resources institutions and property rights, application of social, economic and political rights in relation to the environment.
  - The module will also look at contrasting and overlapping legal norms and differences in household livelihoods, decision-making procedures concerning land use and resource markets.

*Visits*: (1) Mzinga river rehabilitation and conservation catchment areas or another available EPINAV or CCIAM projects nearby
Module V

○ The politics of Protected Areas and Forest Conservation in Tanzania
  ○ The module will focus on issues around protected areas conservation and implications on adjacent communities
  ○ Issues of poverty and sustainable development impacts of REDD (‘Reduced Emissions from Deforestation and Forest Degradation’) projects,

Visits: (1) REDD project in Kilosa district and (2) Community Based Conservation Initiative in Mikumi.
Module VI

- **Project planning, management, monitoring and Evaluation**

- The main aspects of project cycle will be covered as far as possible
  - including: basic concepts, selection, definition, stakeholders analysis, organization structure, team building, communication and conflict management, planning methods and techniques, gender issues, project procurement, financial management, monitoring, control, and termination
  - Environmental Impact Assessment (EIA) as part of the pre-project feasibility will be discussed as well.

- **Venue:** To be decided
Module VII

- **Social Science Research methods**
  - Practical implementation of social science research methods and practices through:
    - 5 days of lecture, proposal development, data collection instruments development and presentations
    - Hands on exercise with excel and SPSS data processing
    - 10 days of field data collection involving the use of both qualitative and quantitative methods of data collection in surrounding districts
    - 7 days write up of research report
  - NB: This report contributes 50% weight of total final grade
Two field study tours have been included as part of the training on natural resource endowment

1. 1/2-day excursion to Mikumi National Park to view the various wildlife species. This will happen in the first part of the course between class and fieldwork activities.

2. 3-day expedition to the historical and spice island of Zanzibar. There will be one organized project visit and mostly free time to visit the museum, slave trade market, stone town, spice farms and the beach on your own.
Mikumi National Park
Wonderful Zanzibar
There’s even more to do...

- **Leisure time activities**
  - *Hiking tours* in picturesque sceneries
  - Explore **local markets**
  - *Zanzibar*: beaches, culinary experience, African music

- **Weather**: The long dry season is lasting throughout June, July, August, September and October. Temperatures can vary hugely with altitude and location but one could expect enjoying sunny days with clear skies. For high altitude areas (Mgeta) *thermal underwear* will keep you warm during your stay.

- Become fascinated by charming *milk goats* and people they make happy. In the 4:30 min. [film](http://www.bistandsaktuelt.no/multimedia?ytindex=1&play=RTNNSZcr9L0) ’Difficult start’ at [YouTube](http://www.youtube.com), farmer Mama Neema tells us how she became the proud owner of Norwegian milk goats and how they have improved the health of her family (EPINAV project). By E. G. Netland
Hiking in the Uluguru Mountains
Visit the Masai market outside Morogoro town.
Get ready for an unforgettable trip!
For more information about this Master’s course please visit Dept of International Environment and Development Studies (Noragric) at Norwegian University of Life Sciences www.umb.no/noragric, or Ingunn Bohmann ingunn.bohmann@umb.no