

About EENSAT



Ethiopian Educational Network Support for Agricultural Transformation (EENSAT) is an innovative capacity development project to strengthen the use of geo-data for agriculture and water to enhance food security and socio-economic development in Ethiopia in line with the Growth and Transformation Plan (GTP) priorities at the participating Higher Education & Technical Vocational Education and Training (TVET) institutes.

Participant Universities & Ministry

■ Ethiopian Universities:

- Bahir Dar University - Geospatial Data and Technology Centre
- Addis Ababa University –Africa Centre for Disaster Risk Management
- Mekelle University – Institute of Geo-Information & Earth Observation

■ Ministry of Science and Higher Education (MoSHE)

■ University of Twente,

Faculty of Geo-information Science and Earth Observation (ITC)

Objective of the Project

The main objective of the project is to strengthen and align the capacity of the higher learning centers (University and Technical Vocational Education and Training) in Ethiopia with the requirements as formulated in the Ethiopian Growth and Transformation Plan, with special emphasis on food security, water resources and climate change.

Components of EENSAT project

◆ Educational

◆ Research

◆ Outreach

Output

- Curriculum review & updated GI-program & staff trained in new domain-specific courses;
- Installation of computer cluster infrastructure with audio /video recording facilities;
- Utilization of low-cost data acquisition systems (UAVs and satellite reception stations) and open source Geo-Information software;
- Review of education management and quality control procedures;
- Coherently applied research-program between Three Universities supported by PhD and MSc studies;
- Common research area equipped with necessary in-situ data collection systems;
- Linkage between University & selected TVET and stakeholders;
- Introduction of digital LMS & provision of distance education;
- Stimulation of entrepreneurship;
- Extension of collaboration with other knowledge institutes or networks;
- Strong emphasis on sustainability to ensure continuity of education, research, and outreach activities.

