

Short course

Technology in Disaster Risk Reduction and Response

Deadline for applications: 23 January 2013

- Course Dates:** 6-8 February 2013
- Format:** Face to face
- Language of Instruction:** English
- Helpline:** UNU-EHS and UFS-DiMTEC
- Course coordinators** Vilma Hossini (hossini@ehs.unu.edu);
Alice Ncube (ncubea@ufs.ac.za)

Introduction and background

Worldwide growing frequency and magnitude of extreme environmental events (such as floods, landslides and drought) have intensified research interest in these events, in particular regarding the level of risk they pose in different locations, the vulnerability of communities and their response capabilities. United Nations University Institute for Environment and Human Security (UNU-EHS) and University of the Free State Disaster Management Training and Education (UFS-DiMTEC) explores on how to investigate the threats that environmental degradation, unsustainable land use practices, and natural and man-made hazards pose to human security. Their research work is devoted to developing capacity in particular in disaster risk reduction and giving advice to strategy and decision-makers.

Course description

The aim of the course is to provide participants with a broad overview of space based and other technologies for disaster risk reduction and response. It will include available various tools and methods, analysis of existing international response and support mechanisms as well as best international practices. This course is an excellent opportunity to meet experts and colleagues as to exchange best and less good experience with an international group of professionals with a shared interest in geospatial technology and disaster risk management.

Keywords

Remote sensing, Disaster Risk Management, Environment, GIS & Mapping, Risk Assessment, Space Technology

Target audience

This course is oriented to postgraduate students who are in the second phase of their studies in Disaster Management area or PhD students in the starting phase of their studies; practitioners that work in matters related to disaster risk reduction and risk management and in particular on early warning, prevention, response and mitigation. This course would also be of interest to government officials. It assumes that the applicant has already some background in geography, economics, social science, engineering, anthropology, environmental and/or natural science or related disciplines.

Further prerequisites

- Fluency in English.
- Basic computer user knowledge.

Admission

The Block Course is announced on the UNU-EHS web site (<http://www.ehs.unu.edu>) and on the website of the University of the Free State. Interested candidates are welcome to apply. A filled application form and CV will be required, including information about candidate's background and their field of research. The UNU-EHS and UFS-DiMTEC will select those students who best satisfy course prerequisites.

Financial information

Inquiries regarding the course fees should be addressed to Ms Alice Ncube at the University of Free State (ncubea@ufs.ac.za or 0027 51 401 2721/9701). The United Nations University Institute for Environment and Human Security (UNU-EHS) or University of the Free State Disaster Management Training and Education (UFS-DiMTEC) **WILL NOT** cover any travel, local transport or accommodation costs of students accepted. Accepted participants will have to organize their own accommodation while attending the Block Course.