



Call for Applications to the ERASMUS+ Workshop on using Satellite Datasets for Atmospheric and Climatic Studies.

Introduction

Societies living in different parts of the earth face various types of natural disasters every year, which cause a lot of damage to life, the economy, resources, and property and pose big challenges for future development processes. Based on the existing level of know-how, an intensive workshop will be organised for the participant group to develop a conceptual understanding of GIScience and Systems and its role in assessing climatic fluctuations, natural hazards, and environmental management for sustainable development.

The Department of Geomatics and Land Management and the University GIS Centre, in collaboration with the University of Salzburg, Austria, invite applications for the five (5)-day-intensive workshop entitled “Applications of Satellite-Generated Atmospheric and Climatic Datasets.” Participants will gain ‘hands-on’ experience using the Geospatial analysis of satellite-generated atmospheric and climatic datasets to assess various natural hazards and manage the environment.

Objectives of the course

This workshop aims to:

1. Introduce concepts of climate change and impacts
2. Introduce participants to the diversity of atmospheric and climatic datasets, analysis techniques and software

Learning outcomes

At the end of the workshop, participants should be able to

1. Appreciate the concepts of climate change and its effects
2. Appreciate the diversity of atmospheric and climatic datasets, analysis techniques and software
3. Apply GIS and Remote Sensing operations to analyse atmospheric and climatic datasets

Prerequisite: Good working Knowledge of GIS and remote sensing, ArcGIS/ArcGIS pro

Facilitator: Dr. Shahnawaz Shahnawaz

University of Salzburg, Austria | Director UNIGIS Network in South & Southeast Asia

Venue: Makerere University GIS Centre, CEDAT

Dates: 02.04.2024 to 06.04.2024 (FULL DAY)

Number of Participants: 25 [limited slots are available]

Number of teaching hours: 40 Hours

certificates of completion will be provided to participants who attend all classes

Course fees: The course is **free**. However, participants are expected to provide their own lunch and refreshments

To register, Click this link [scan QR code]: <https://forms.gle/XSaLai5aYjfZN5HU9>

For any further information, Contact us at allan.mazimwe@mak.ac.ug/

