Winter School – University of Nicosia (Cyprus)
"GIS and Remote Sensing for Forest Conservation"

GeoCLIC – GEOinformation educational resources for CLImate Change Management

GeoCLIC Winter School, University of Nicosia - Campus Millennium
18 – 22 November 2024

Winter School Announcement

The ERASMUS+ GeoCLIC project consortium organizes the GIS & RS for CCM Winter School, aiming for students to get introduced to and learn more about geoinformation for Climate Change Management in Forestry.

GeoCLIC is an Erasmus+ project funded by the European Commission. By sharing academic resources, the project's overall aim is to increase analytic and professional skills among students and Life-Long Learners to improve their competencies in Climate Change Management (CCM) through use of Geographical Information System (GIS) and Remote Sensing (RS) tools. Herein, GeoCLIC introduces the Work-based Learning approach to develop training projects and internships in areas impacted by Climate Change. A particular priority is to motivate participation of female learners. 5 modules [Fundamentals of RS and GIS in CCM, Coastal management, Urban/cities, Forest conservation and Smart agriculture] and OERs (Open Educational Resources) related to CCM will be developed and further enhanced by the use of innovative online learning tools and international collaboration. Employability skills will be boosted by hands-on practices and direct contact with employers. To transfer the project benefits to society, multiple interactions between educators, researchers, environment companies/NGOs and decisionmakers are planned.

A five-day Winter School is scheduled to take place from November 18 to 22, 2024, at the University of Nicosia (Cyprus) Campus Millennium (UNIC). The event will host participants from four additional academic institutions: Polytechnic University of Valencia (Spain), Weihenstephan-Triesdorf University of Applied Sciences (Germany), Vrije Universiteit Brussel (Belgium), and the University of Zagreb (Croatia). The main topic is Technical Training in GIS & RS for CCM, the theme is Forest conservation. Forestry and wildfire prevention and recovery is one of the most important topics in CCM, in particular in the Mediterranean basin. Winter School will focus on sharing the best practice of teaching the use of geoinformation for climate change management in forest conservation and wildfire prevention, including satellite images, LiDAR data and Unmanned Aerial Vehicles (UAV), with theory background, technical requirements, state-of-the-art methodologies, new trends and future development, and practical assignments for participants. Working in groups with people from different backgrounds and under mentoring of experts will help them understand better the new concepts and to get insight into the problem from different perspectives.

Call for Applications

Objectives of the mobility: Participating in one week Winter School on *GIS and Remote Sensing for Forest Conservation.*

Hosting institution: University of Nicosia

Location: Nicosia (Cyprus)

Dates: 18 – 22 November 2024

Duration: **5** days

Funded positions: 4

Financial support: Project GeoCLIC (https://geoclic.be/) funded under the *Erasmus+ Key Action 2: Cooperation Partnerships Programme*.

- Travel, Board & Lodging, Insurance covered

Call for applications period: from **03/10/2023** until **17/10/2024**, 23.59h CET.

Candidates' requirements:

Students registered in the following degrees:
  - **Grado en Ingeniería Forestal y del Medio Natural** (4th year)
  - **Grado en CC. Ambientales** (4th year)
  - **Grado en Ingeniería Geomática y Topografía** (4th year)
  - **Máster en Incendios Forestales. Ciencia y Gestión Integral**
  - **Máster en Ingeniería de Montes**
  - **Máster en Ingeniería Bioambiental y del Paisaje**
  - **Master en Ingeniería Geomática y Geoinformación**
  - **Doctorado en Ingeniería Geomática** (1st year)
- Background: Preferably some ECTS in Remote Sensing & GIS
- English B1

Evaluation criteria:

Initial ranking made according to academic record of the previous finished academic year or degree (average grade)

Additional points

- English Language certificate C1 or higher: 1 point

Applications must be submitted via e-mail to **laruiz@upv.es** before the deadline established above. **Please indicate in the subject** *GeoCLIC Winter School*.

- Documents to be summited:
- ✓ Motivation letter
- ✓ Transcript of records
- ✓ Language certificates
- ✓ Certificate of enrolment at UPV (year when the activity takes place)

EVALUATION COMMITTEE

- o Prof. Luis Ángel Ruiz Fernández
- o Prof. Josep E. Pardo Pascual
- o Prof. Jesús M. Palomar Vázquez
- o Prof. Alfonso Fernández Sarría
- o Prof. Jorge A. Recio Recio

The provisional results will be published by October 18th , 2024, on the website of the *Cartografía GeoAmbiental y Teledetección* (CGAT) research Group (http://cgat.webs.upv.es/)