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Summer School - “Climate Change in Cities: Remote Sensing and GIS tools”

GeoCLIC – GEOinformation educational resources for CLimate
Change Management

Call for Applications

Objectives of the mobility: Participating in one week Summer School on Remote Sensing and GIS applied to Climate Change Monitoring in Cities

Hosting institution: Vrije Universiteit Brussel (VUB)

Location: Brussels (Belgium)

Dates: 24 – 28 July, 2023

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 /28/04/2023 until 15/05/2023, 23.59h CEST.

Candidates' requirements:

Students registered in the following degrees:

- **Grado en Ingeniería Geomática y Topografía** (4th year)
- **Master en Ingeniería Geomática y Geoinformación**
- **Máster en Ingeniería de Caminos, Canales y Puertos**
- **Máster en Planificación y Gestión en Ingeniería Civil**
- **Máster en Transporte, Territorio y Urbanismo**
- **Máster Arquitectura Avanzada, Paisaje, Urbanismo y Diseño**
- **Máster en Edificación**
- **Máster en Ingeniería Informática**
- **Máster en Gestión de la Información**
- **Máster en Inteligencia Artificial, Reconocimiento de Formas e Imagen Digital**
- **Doctorado en Ingeniería Geomática** (1st year)
- **Doctorado en Arquitectura, Patrimonio y Ciudad** (1st year)
- **Doctorado en Infraestructuras de Transporte y Territorio** (1st year)
- **Doctorado en Informática** (1st year)
- Background: Basic knowledge of Remote Sensing and/or GIS
- English B1



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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
- Motivation letter: 1 point (maximum)

Application procedure:

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

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

EVALUATION COMMITTEE

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

The provisional results will be published by May 17th, 2023, on the website of the *Cartografía GeoAmbiental y Teledetección (CGAT)* research Group (<http://cgat.webs.upv.es/>)

The Project GeoCLIC

Abstract: GeoCLIC is a Erasmus + project funded by 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 online. 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 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.

The Summer School

In 24-28 July, a Summer School of 5 days will be organized at Free University of Brussels (VUB) in Belgium. The main topics are **Technical Training in GIS & Remote Sensing for Climate Change Management**, the theme is **Cities and Urban areas**. We invite UPV students who are interested in the topic to apply. There are places for 4 students. The expenses, accommodations and travel costs are covered by the project. **Participation of women is particularly encouraged.**



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