

International Summer School "Sustainable management of coastal heritage and actions to mitigate coastal erosion"

The Triton project Summer School entitled "Sustainable management of coastal heritage and actions to mitigate coastal erosion" is a high-level cross-border course, aimed at improving the skills of public administration staff and technicians involved in coastal management and mitigation actions to erosive phenomena.

Target

The initiative is addressed to public officials, GIS technicians and operators, scholars and experts in the sector, with the twofold objective of expanding skills and exchanging transversal experiences at technical level (geological, engineering, landscape, administrative). The participation to the Summer School is for free. 16 students (8 Italians and 8 Greeks), selected through a call for expressions of interest, will benefit of travel and accommodation costs covering a maximum of 700 euros each.

The articulation of the course

The Summer School is divided into six training days of 6 hours each, divided into two modules: the first one will be held in Western Greece and the second one in Puglia

a) the Western Greece module includes 2 days of lessons at the Museum of Science and Technology of University of Patras and a study visit to the Patraikos gulf (which is affected by relevant erosion phenomena), respectively on 24, 25 and 26 September 2019.

b) the Puglia Module includes 2 days of lessons in Taranto at the Ionic Department of the University of Bari "Aldo Moro" (to be confirmed) and a study visit at a pilot case in Puglia, respectively on 1, 2 and 3 October 2019.

During the days of the module in Puglia, the Steering Committee meeting between the project partners is also scheduled, in the afternoon hours following the Summer School lessons on October 1st and 2nd and a stakeholder workshop, to be held in the third day (the one of the visits). During the study visit a workshop will be also organized opened to local and regional stakeholders.

The subjects of study

The contents of the Summer School focus on the following topics:

- Technical and geological aspects of coastal erosion: impact analysis;
- Outline of the territorial marketing of the coast and socio-economic-environmental impacts;
- Integrated management of the coast between GIS and SID (Maritime State Property Information System) and ICT planning and management tools;
- Use of software for integrated WEB GIS coastal planning;
- The EUSAIR strategy (Ionian Adriatic Euroregion) focused to the sustainable use of the coast;
- Key performance indicators (KPI) for coastal management planning in order to prevent the corrosive phenomenon;
- Analysis of the Bolkestein Directive and application effects between Puglia and Western Greece;
- Erosion and coastal submersion forecast scenario models;
- Use of GIS spatial planning tools to support decision-making systems and administrative policy guidelines (DSS).

Lead Partner

Technical support

Project Partners

- Good practices for contrasting coastal erosion, with study visits.

The lessons will be held in English and will include the elaboration of project work.

The professor Nicolò Carnimeo of the University of Bari will be the scientific manager of the course on behalf of Regione Puglia / ARTI. Among the teachers will be the representatives of the Triton project partners (University of Patras, Puglia Region, Euro-Mediterranean Center on Climate Change-CMCC), Region of Western Greece, Network of European cities for sustainable development)

The (36 hours) lessons will be held by the following teachers:

- Technical / engineering / landscape / scientific field concerning coastal erosion
 1. Giuseppe Roberto Tomasicchio (Analysis of the apulian best practices)
 2. Simona Bramato (Morphological evolution, management tools and GIS)
 3. Nikos Depountis (Technical and geological aspects and best practices)
 4. K. Nikolakopoulos (Technical and geological aspects and best practices)
 5. G. Christodoulou (Technical and geological aspects and best practices)
 6. E. Fakiris (Technical and geological aspects and best practices)
 7. G. Papatheodorou (Technical and geological aspects and best practices)
 8. Nikos Depountis (Technical and geological aspects and best practices)
- Legal framework:
 1. Lara Marchetta (State property management, Eusair strategy, position paper for the Adriatic Ionian strategy)
 2. Giuseppe Delle Foglie (Comparison between Greece and Italy and a proposal based on the role of coastal zone management)

Lead Partner

Technical support

Project Partners