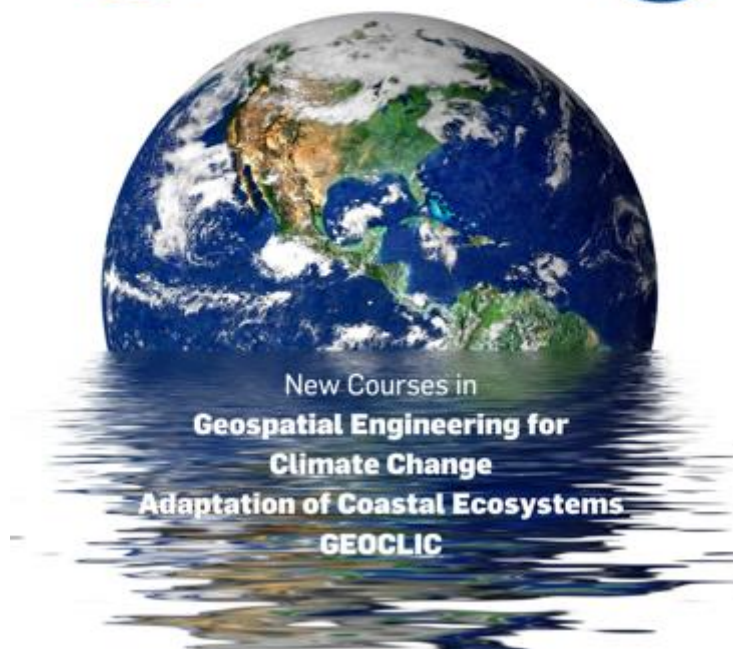




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**ACTIVITY 1- CREATION OF A LOCAL WORKING GROUP REGARDING THE
IMPLEMENTATION OF MODERN TECHNIQUES OF ENVIRONMENTAL
EDUCATION WITHIN THE GEOCLIC PROJECT**

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At the international level, the UN has called on states to declare a state of climate emergency and act as such. The European Union recognizes the urgent nature of the problem and proposes a series of measures, such as those included in the Fit for 55 package submitted in the summer of 2021 by the European Commission. The acceptance and implementation of these measures presuppose a minimal level of education, among citizens, regarding climate change and the environment. Therefore, adequate education and training about the environment and climate must take place at various levels, starting from an early age. The development of the Strategy sought to ensure full compliance with the vision, purpose and objectives of the Report "Education on climate change and the environment in sustainable schools" published by the Presidential Administration, in June 2022. In 2021, in correlation with European priorities regarding environmental protection and limiting climate change, with the specific commitments of Romania, as well as with the objectives assumed in the current mandate, the President of Romania, Klaus Iohannis, ordered the establishment of the Working Group on the topic of education regarding climate change and the environment, with the main objective of contributing to the improvement of the quality of education regarding the changes climate and the environment, by developing a national climate education program.

Thus, the approach of setting up the working group responds to the international initiatives launched by the United Nations - Action for Climate Empowerment and the European Union, in the field of climate change and sustainability. The representatives of the organizations invited to participate in the group had the legitimacy to formulate relevant points of view, as well as the necessary experience, especially through the lens of education and awareness programs in which they were directly involved. During the working sessions, topics related to infrastructure, teacher training, curriculum area, teaching materials, digital tools for climate education, educational activities in nature, etc. were addressed. All these elements, as well as a series of recommendations, for the time horizon 2023-2030, come to complete the elements of education regarding climate change and the environment in the Romanian educational system.

PURPOSE OF THE MEETING:

Creation of a local group within the GEOCLIC project of UMC to monitor the implementation of new courses in the context of climate change.

The approach aims to increase students' exposure to information about the factors leading to environmental degradation and climate change, while also providing the context to engage, during the schooling period, in applied environmental protection activities.

Current trends in environmental and climate change education

- Integrated approach at the university/school level (management, director, teacher, student/pupils, educational unit staff).
- This strategy proposes a series of solutions to increase the degree of education and awareness regarding the environment and climate change among students and pupils. The strategy includes objectives and measures that can be implemented in the coming years, but also in a longer implementation horizon, until 2030.
- The objectives and measures are on several levels:
 - Education (formal and non-formal);
 - Human resource, including teacher training;
 - Investments;
 - Open resources;
 - Partnerships etc.

The activity plan:

A1. The organization by the UMC students, coordinated by the teaching staff from the Engineering and environmental protection specialization in industrial engineering, of some extracurricular activities such as workshops in collaboration with students from various high schools in the locality and in the country, to get involved in the aspects of promotion of ecological environmental technologies.

A2. Organization of mixed student-pupil scientific sessions to address problems caused by climate change and to come up with sustainable environmental proposals.

A3. Publication of scientific materials in magazines or at prestigious conferences in the country and abroad.

A3. The active involvement of students in the sustainable agenda of the city/community they belong to, carrying out sustainable environmental protection actions together with the local authorities.

UMC within the GEOCLIC project managed to organize the promotion of sustainable environmental aspects under climate change conditions, such as:

- extracurricular activities in partnership with local high schools and in the country (<https://cmu-edu.eu/stiri-si-evenimente/>), such as:

TRAIND SUSTENABIL/LIVE GREEN-EXAMPLES OF LIFE USING GREEN ENERGY every year (; <https://cmu-edu.eu/blog/events/live-green-exemple-de-viata-utilizand-energia-verde/>);

The 3R's Club - Reduce, Reuse, Recycle-every year

(<https://cmu-edu.eu/blog/events/clubul-celor-3r-reduce-refoloseste-recicleaza/>)



International Environment Day at UMC (<https://cmu-edu.eu/blog/events/ziua-internationala-a-mediului-la-umc/>) - every academic year;

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-scientific sessions and conferences on environmental issues and more, every academic year; (International Students' Scientific Workshop-every year)



- awareness of the importance of the involvement of all actors in the implementation of sustainable development objectives, by organizing/conducting projects, debates, workshops

on topical issues, with the publication of scientific materials in international journals (www.jmte.eu, www.transnav.pl).

- Questionnaires.