

AUTHOR

Radu Negru,
Dimitrie Cantemir University

COUNTRY

Romania

FIELD OF HUMANITIES

Geography

REQUIREMENTS FOR THIS ACTIVITY

1. Digital technology:

E-learning platform, MS Office, Google Earth and Zoom/MS Teams or a similar tool.

2. Pre-existing knowledge and skills:

Basic computer skills.

GEOMORPHOLOGICAL PROCESSES AND ELEMENTS

The presentation of geomorphological elements and processes which constitutes the coastal system.

GOALS

The students learn about geomorphological elements and processes in the coastal system.

After the oral presentation of the elements and processes the students have to make an exemplification of processes or erosional and depositional landforms using YouTube and Google Earth Pro.

Fig. 1. Students mainly use Google Earth Pro and YouTube to present the processes and elements.



KEY OUTCOMES

This course focuses on the landforms of the Earth's surface and the processes responsible for their creation and evolution. The course introduces the basic concepts of geomorphology, provides the basic knowledge and tools to understand processes on the surface (weathering, slope processes, erosion and deposition by water, ice, wind) and explains the relationship between lithology, geological structures and landforms.

By the end of this module students are able to understand the relationship between landforms and land forming processes, the relationship between geological factors and landforms and carry out geomorphic studies; students have the ability to identify and analyse the geomorphological processes in order to specify the geomorphological risk.