GEOSES

Monitoring land movements to prevent natural disasters

PROJECT TITLE	**GeoSES - Extension of the operational "Space Emergency System" towards monitoring of dangerous natural and man-made geo-processes in the HU-SK-RO-UA cross-border region**
IMPLEMENTATION PERIOD	01.12.2019 – 30.11.2021
ORGANISATIONS INVOLVED	Uzhhorod National University (UA); Pavol Jozef Šafárik University (SK); Technical University of Cluj-Napoca (RO); Budapest University of Technology and Economics (HU); Szabolcs-Szatmár-Bereg County (HU)
PROGRAMME	Hungary - Slovakia - Romania - Ukraine ENI CBC 2014-2020
TOTAL BUDGET	938.105,22 €

Hungary Slovakia Romania Ukraine

The overall objective of the project is to "geomonitor" natural and man-made processes in the cross-border territory with the aim of preventing emergency situations. The project is integrating advanced satellite techniques in an innovative and coordinated manner to improve the overall understanding of land deformation in the Tyzsa river and its effects on the environment. In particular, the project partners are developing 3D models of land movements, databases with dangerours sites and different land deformation maps. Ultimately, the project partners are creating a joint innovative strategy to prevent ecological disasters and adapt to climate change in the Carpathian region.

The information provided is subject to changes during the project's lifetime. Please refer to the project's website for the latest updates.

RISKS AND CLIMATE CHANGE

ENVIRONMENT

Project co-funded by the European Union