



PONTOS

Copernicus Earth Observation services to monitor the status of the Black Sea Basin

PROJECT TITLE	PONTOS – Copernicus assisted environmental monitoring across the Black Sea Basin
IMPLEMENTATION PERIOD	01.07.2020 – 31.12.2022
ORGANISATIONS INVOLVED	American University of Armenia Fund (AM); Environmental Protection and Mining Inspection Body of RA (AM); Green Alternative (GE); Democritus University of Thrace, Special Account for Research Funds (GR); Centre for Research and Technology Hellas (GR); Odessa National I.I. Mechnikov University (UA)
PROGRAMME	Black Sea Basin ENI CBC 2014-2020
TOTAL BUDGET	999.967,28€



Retrieving Copernicus data to map human activities and monitor the environmental health of the Black Sea Basin. The PONTOS project aims to support and enhance environmental monitoring of the area by using the numerous freely available EU Copernicus Earth Observation data and services. The project partners are using information technologies to create an operational platform to automatically retrieve Copernicus data and make it accessible to scientists, policy-makers, citizens and other stakeholders. The platform monitors and assesses in a harmonised manner the environmental status of the Black Sea, mapping the human activities, monitoring the effluents disposal towards the sea and lakes and collecting data on the water temperature, salinity, nutrients or toxic elements. This methodology is being tested in four pilot sites in Armenia, Greece, Georgia and Ukraine. The project activities are complemented with capacity-building actions, such as training of trainers and developing training materials.



PROTECTION OF NATURE AND BIODIVERSITY

ENVIRONMENT



Project co-funded by the European Union