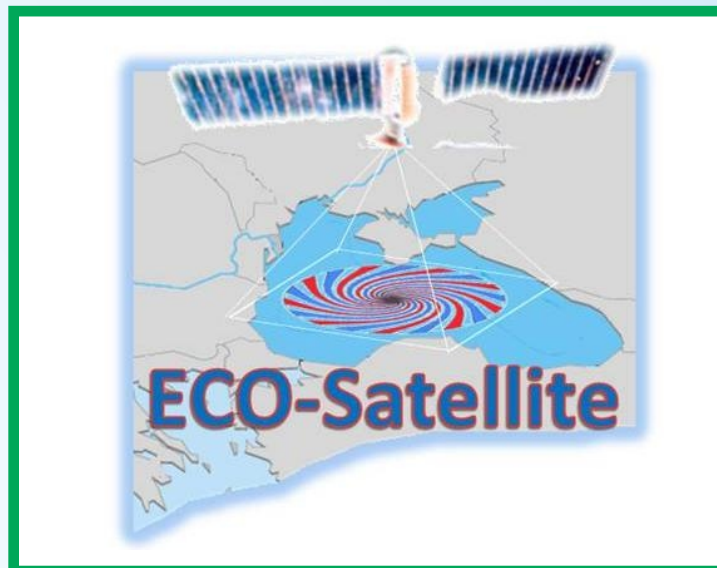


Black Sea Basin Programme

~ Our Projects ~

Priority 2 - Sharing resources and competencies for environmental protection and conservation

Measure 2.1: Strengthening the joint knowledge and information base needed to address common challenges in the environmental protection of river and maritime systems



Development of a common intraregional monitoring system for the environmental protection and preservation of the Black Sea - ECO-SATELLITE

Central Macedonia, Greece - South East, Romania - Severoiztochen, Bulgaria - Odessa, Ukraine

About the Project

Duration:

24 Months

Total Budget:

€ 650.000,00

Total Grant:

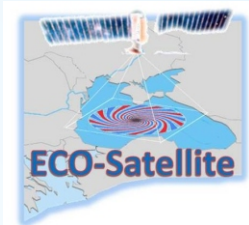
€ 585.000,00

Start-End Dates:

01/10/2011-
30/09/2013



Official opening, the partners (Thessaloniki, Greece, January 23, 2012)



The ECO-Satellite action focuses on the protection and preservation of the water system of the Black Sea, with its main emphasis given to river deltas and protected coastal regions at the seaside. It deals with environmental problems posing a threat that cannot be addressed individually, but only in an unified way.

Overall Objective:

Creation of a common intraregional environmental monitoring system, elaborating on the technological assets provided by satellite data and geoinformatics facilities and the transfer of knowledge to the Black Sea stakeholders.

Specific Objectives:

1. Develop and test a system for monitoring the state of marine, coastal and wetland ecosystems.
2. Creation of a unified, easy to update geodatabase in order to support the design of a common cross-border environmental policy for the Black Sea.
3. Develop a Web-GIS system that includes a decision support module and an effective help desk support.
4. Diffuse the project knowledge and outputs.
5. Increase the capacity of decision makers who are related to Black Sea environmental policy.

Main Activities:

- **Design and development of system architecture:** Review of scientific, technical and legal framework for environmental monitoring, Design of a monitoring protocol, Adaptation of innovative technologies for environmental monitoring in the Black Sea, Design of system architecture.
- **Geodatabase development and data collection:** Identification of the most suitable type of data for utilization in environmental monitoring, Collection and processing of current and historical data, Design and creation of the geodatabase, Testing of system components and geodatabase in test sites.
- **Integration and implementation of the monitoring system:** Development of the integrated multi-level monitoring system, Application of the system in the demonstration site.
- **Visibility of the Action:** Development of Action Website – Help Desk, Organization of Mass Media actions and press releases (newspapers/ Internet/ media), Creation and dissemination of brochures, Organization of distance learning Web based courses, Organization of training seminar on the use of the system.
- **Management and coordination of the Action:** Organization of meetings, Partner administration and financial management, Submission of the Final Report, Action administration and financial management.



Kick-off meeting (Thessaloniki, Greece, January 23, 2012)



First project meeting (Odessa, Ukraine, July 11, 2012)

Partnership

Beneficiary:

Decentralized Administration of Macedonia and Thrace, Thessaloniki, Central Macedonia, Greece

Partnership:

Aristotle University of Thessaloniki, Central Macedonia, Greece

Balkan Environment Centre, Thessaloniki, Central Macedonia, Greece

Danube Delta National Institute for Research and Development, Tulcea, South-East, Romania

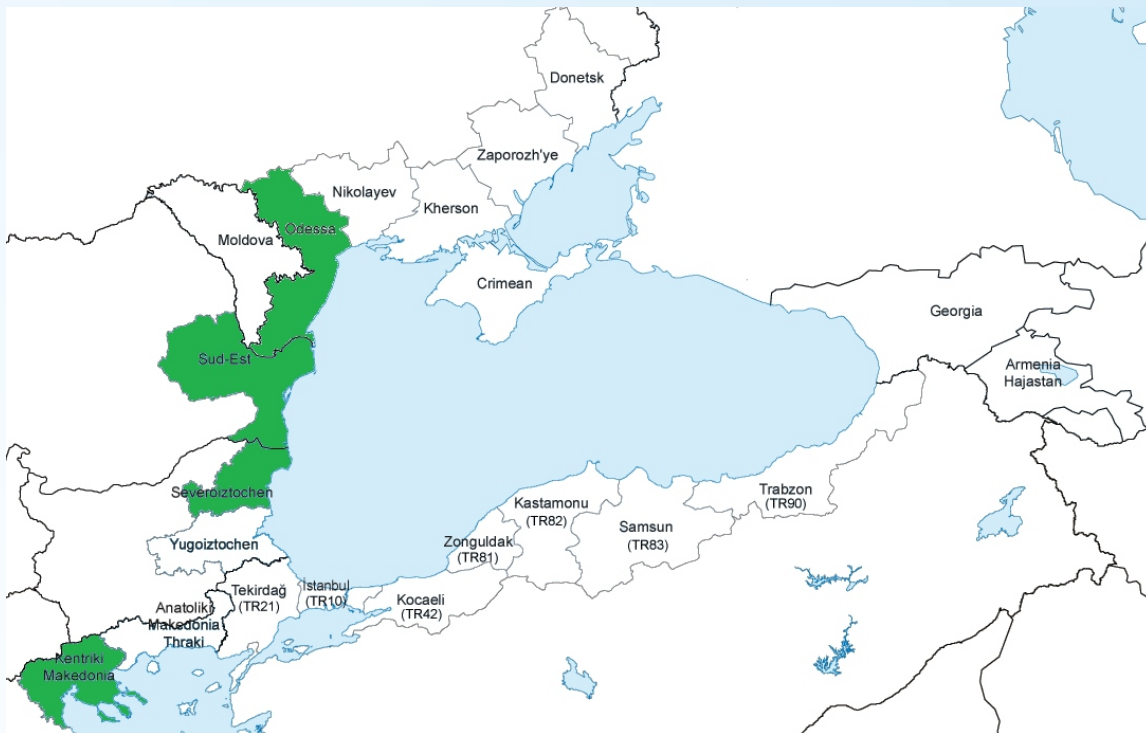
Odessa Branch Institute of Biology of Southern Seas, National Academy of Sciences of Ukraine, Odessa, Ukraine

District Administration Varna, Varna, Severoiztochen, Bulgaria





Regions of Implementation



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Project website: www.eco-satellite.eu

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Joint Operational Programme "Black Sea Basin 2007-2013"
Joint Managing Authority and Joint Technical Secretariat
May 2012

The Black Sea Basin Programme is co-financed by the European Union through the European Neighborhood and Partnership Instrument and the Instrument for Pre-Accession Assistance.

This publication has been produced with the assistance of the European Union. The contents of this publication are the sole responsibility of the Joint Managing Authority and the Joint Technical Secretariat of the Joint Operational Programme "Black Sea Basin 2007-2013" and can in no way reflect the views of the European Union.