



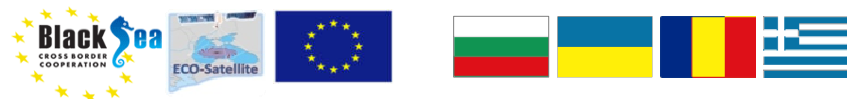
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Dissemination of environmental monitoring information within

ECOSatellite project

“Development of a common intraregional monitoring
system for the environmental protection and
preservation of the Black Sea ”



Professor George Zalidis
Balkan Environment Center





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ECOSatellite project

Black Sea Basin Joint Operational Programme 2007-2013

Project's duration: 24 months
01/10/2011 - 30/09/2013

Total budget: 650.000,00€

Co-financed 90% by the European Neighbourhood & Partnership Instrument - ENPI



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ECOSatellite project - Partners

**Lead Partner: Decentralized Administration of Macedonia
Thrace, Greece, Central Macedonia**

**P 1: Aristotle University of Thessaloniki, Greece, Central
Macedonia**

**P 2: Balkan Environment Center, Greece, Central
Macedonia**

**P 3: Danube Delta National Institute for Research &
Development, Romania, South-East**

**P 4: Odessa Branch Institute of Biology of Southern Seas,
National Academy of Sciences of Ukraine, Ukraine, Odessa**

P 5: District Administration Varna, Bulgaria, Varna



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Geographical area of implementation



**Greek site:
Axios - Loudias - Aliakmon Delta**

**Ukrainian site:
Kylliske Mouth and the northern
part of the Danube marine region**



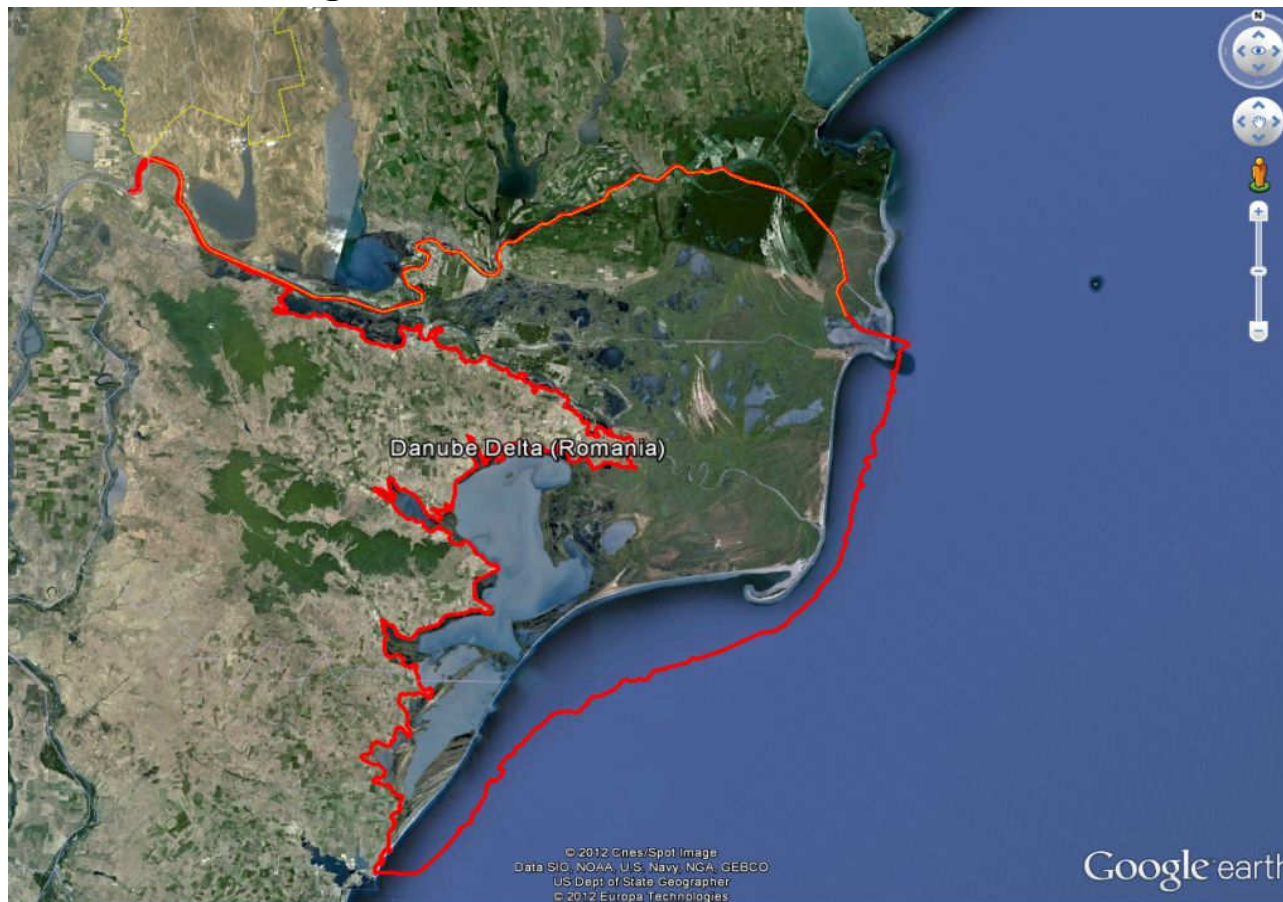
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Geographical area of implementation



Romanian site: Danube Delta



Αλλαγές στην Έκταση του Δέλτα





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ECOSatellite project - Objectives

Overall

The creation of a common intraregional environmental monitoring system for the whole Black Sea Basin.

Specific

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 covering the entire Black Sea and a Web-GIS for knowledge dissemination
3. Diffuse the project knowledge and outputs through training, mass media actions, web-portal and e-lessons.



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Environmental monitoring system characteristics

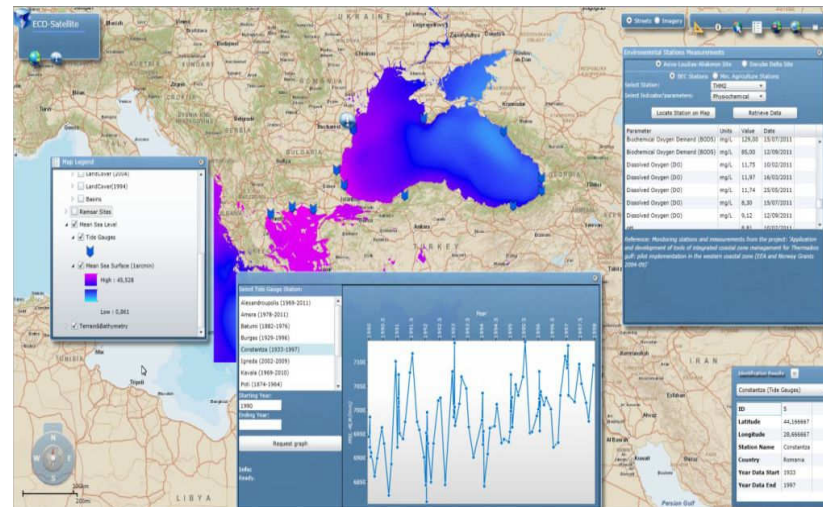
- Review of scientific, technical and legal framework for environmental monitoring
- Design of environmental monitoring protocol
- Collection of current & historical environmental data for each site (satellite data, in situ measurements, time series)
- Design and creation of the geodatabase.
- Development of Web-GIS platform for end users

ECOSatellite project

End Product

A Web tool (eventually incorporated in the project's website) for environmental information dissemination through:

- Retrieval, analysis and visualization of the environmental data (core system component)
- Query – response component integrated in the system (decision support component - DSS)



Mean sea level bathymetry data representation



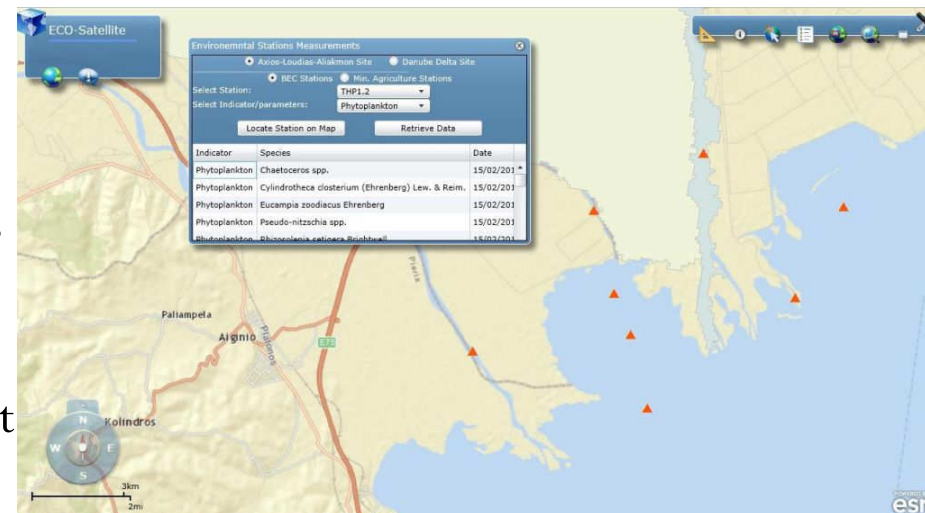
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End Users

- General & public interest
- All stakeholders**
- Decision and policy making
- Decision and policy makers**
- Numerical data & results
- Scientific community**
- System operations & deployment
- ECOSatellite project team**



Axios monitoring stations and data



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Visibility and Knowledge dissemination actions

Specific targets:

- Disseminate the project's activities, results and outputs.
- Increase public awareness on environmental issues informing people about the impact of Black Sea pollution
- Encourage local people to adopt an environmental friendly attitude
- Promote the use of the ECO-Satellite tool, towards the preservation and protection of the Black Sea basin.



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ECOSatellite project

Dissemination Actions

- 1. Development of a Website and Help Desk**
- 2. Organization of Mass Media actions and press releases (newspapers/ Internet/ other media)**
- 3. Creation and dissemination of brochures**
- 4. Organization of distance learning Web-based courses**
- 5. Organization of training seminars on the use of the system**



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ECOSatellite project

Dissemination Actions

1. Development of a Website and Help Desk



www.eco-satellite.eu

Providing information
to the wider public on
the project's
objectives, actions
and results



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ECOSatellite project

Dissemination Actions

**2. Organization of Mass Media actions and press releases
(newspapers/ Internet/ other media) for the promotion of
the project's outcomes**

**Expected outputs: 15 press releases
 4 interviews in Mass Media,
one in each participating country**



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Dissemination Actions

3. Creation and dissemination of project's brochures

Expected outputs: **8000 brochures in 5 languages**
(English, Greek, Bulgarian,
Romanian, Ukrainian)
e-version of the brochure

Dissemination of hard copies during various events,
seminars e.t.c



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Dissemination Actions

4. Organization of distance learning Web-based courses

- **Development of training material in 5 languages (English, Greek, Bulgarian, Romanian, Ukrainian)**
- **Design & establishment of e-platform to house e-courses**

Expected Output: **4 distance learning courses – one
in each country**



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Dissemination Actions

5. Organization of training seminars on the use of the system

- **Development of training material in 5 languages (English, Greek, Bulgarian, Romanian, Ukrainian)**
- **Conduction of seminars – Participants: stakeholders, public servants, policy makers, involved individuals**

Expected Output: 4 training seminars (one in each country), with 40 participants each, 300 CDs with training

material





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Dissemination through the following Activities:

5. Organization of training seminars on the use of the system

Development of training material in 5 languages (English, Greek, Bulgarian, Romanian, Ukrainian)

Design & establishment of e-platform to house e courses

**Expected Output: 4 training seminars (one in each country), with 40 participants each
300 CDs with training**

material



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Thank you for your attention

