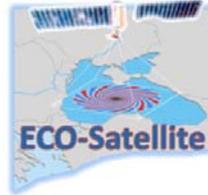




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DELIVERABLE ACT2.4

Components Operation Report

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

Summary

Responsible Partners:

| | | |
|--|---------|--------|
| Aristotle University of Thessaloniki | Greece | AUTh |
| Odessa Branch Institute of Biology of Southern Seas National Academy of Sciences of Ukraine | Ukraine | OBIBSS |

Contributing Partners:

| Participant | Country | Acronym |
|--|----------|---------|
| Decentralised Administration of Macedonia and Thrace | Greece | DAMT |
| Balkan Environment Center | Greece | BEC |
| Danube Delta National Institute for Research and Development | Romania | DDNI |
| District Administration Varna | Bulgaria | DAV |

Action Start Date: 1 October 2011
Duration: 24 Months
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Summary

The Deliverable 2.3 - “Components Operation Report, evaluating the system components testing” aims in assessing the reliability of the data that have already been incorporated in the ECO-Satellite geodatabase and the update capabilities of the latter. For the data assessment, this was carried out by collecting and processing additional data for the test sites of the project, i.e., the Axios-Loudias-Aliakmon Rivers and the Danube Delta, and performing a qualitative comparative analysis with the ones stored in the ECO-Satellite geodatabase. On the other hand, the update capabilities of the geodatabase were demonstrated through the implementation of an online near real-time Geodatabase Update Interface. This interface provides to the users of the ECO-Satellite environmental monitoring system, that have proper rights, the ability to upload and incorporate raster data for environmental parameters to the geodatabase. The overall results of the assessment show that the ECO-Satellite geodatabase contains reliable data, while its update capabilities are of great value for the management and operation of the ECO-Satellite system.
