

People for Ecosystem-based Governance in Assessing Sustainable Development of Ocean and coast (PEGASO)



Resumen:

Many efforts have been deployed for developing Integrated Coastal Zone Management in the Mediterranean and the Black Sea.

Both basins have, and continue to suffer severe environmental degradation. In many areas this has led to unsustainable trends, which have impacted, on economic activities and human well-being. An important progress has been made with the launch of the ICZM Protocol for the Mediterranean Sea in January 2008.

Objetivos:

The main objective of PEGASO is to build on existing capacities and develop common novel approaches to support integrated policies for the coastal, marine and maritime realms of the Mediterranean and Black Sea Basins in ways that are consistent with and relevant to the implementation of the ICZM Protocol for the Mediterranean.

PEGASO will use the model of the existing ICZM Protocol for the Mediterranean and adjust it to the needs of the Black Sea through three innovative actions:

- Constructing an ICZM governance platform as a bridge between scientist and end-user communities, going far beyond a conventional bridging.
- Refine and further develop efficient and easy to use tools for making sustainability assessments in the coastal zone (indicators, accounting methods, models and scenarios). They will be tested and validated in a multi-scale approach for integrated regional assessment through a number of relevant pilot sites.
- Implementation of a Spatial Data Infrastructure (SDI), following the INSPIRE Directive, to organize and standardize spatial data to support information sharing on an interactive visor, to make it available to the ICZM Platform, and to disseminate all results of the project to the end users and interested parties.

Objetivos contribución:

The Universidad Pablo de Olavide is coordinator of WP3: Enabling a shared information infrastructure for Mediterranean and Black Sea basins. The main contribution of the group is the creation of SDI for the project based on the contribution of the partners through the catalogues of spatial and socioeconomic data to build a list of indicators and to create an atlas of the Mediterranean and the Black Sea. Those indicators will contribute in the ICZM process and will act as an assess tool for individual stakeholders in coastal management. Another activity of the group is building capacity in creating a geonode/geoportal in the participant institutions for enabling data sharing based on INSPIRE principles. Other contributions to the project are the coordination of the creation of a web portal to support project dissemination and a document manager platform to enhance the communication within the partners and the creation of documents and reports.

The main skills of the group are:

- Experts in GIS land and sea
- SDI- Spatial Data Infrastructure - Member of the ICAN network for Atlas
- Application GIS - Developing a visor (Atlas) for interactive consultations on internet

Entregables:

- Constructing an ICZM governance platform as a bridge between scientist and end-user communities, going far beyond a conventional bridging.
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- Implementation of a Spatial Data Infrastructure (SDI), following the INSPIRE Directive, to organize and standardize spatial data to support information sharing on an interactive visor, to make it available to the ICZM Platform, and to disseminate all results of the project to the end users and interested parties.

Impacto:

PEGASO will stimulate research development in the Mediterranean and Black Sea, directed to the main current policy needs.

24 Participantes

- Universidad Pablo de Olavide

- Universitat Autònoma de Barcelona
- Plan Bleu pour l'Environnement et le Développement en Méditerranée
- Institut Français de Recherche pour l'Exploitation de la Mer – IFREMER
- ACRI Etudes et Conseil
- Priority Actions Programme Regional Activity Centre
- Unión Internacional para la Conservación de la Naturaleza
- Centre for Environmental Management - CEM, University of Nottingham (United Kingdom)
- Vlaams Instituut voor De Zee Vzw Flanders Marine Institute - VLIZ
- Università Ca'Foscari di Venezia
- Commission of the European Communities – Directorate General Joint Research Centre
- Université de Genève
- Hellenic Centre for Marine Research - HCMR
- Mediterranean Coastal Foundation - MEDCOAST
- Danube Delta National Institute - DDNI
- Université Mohammed V-Agdal
- Association de Réflexion, d'Échanges et d'actions pour l'Environnement et le Développement – AREA-ED
- National Institute of Oceanography and Fisheries – NIOF
- University of Balamand
- Marine Hydro-physical Institute - Ukrainian National Academy of Sciences
- Institut National des Sciences et Technologies de la Mer
- Fondation Tour du Valat
- National Authority for Remote Sensing and Space Sciences - NARSS
- Permanent Secretariat of the Commission on the Protection of the Black Sea against Pollution

Presupuesto: 8,970,397.00

Equipo de investigación

Nombre: Áreas dinámicas naturales y antrópicas - ANDINA

Email: otri@upo.es

PAIDI: HUM 750

Web: <http://www.upo.es/geofisica/index.htm>

Investigador principal: Gonzalo Carlos Malvárez García (Socio)

Email: otri@upo.es

Teléfono: +34-954349872

Presupuesto del equipo: 321,036.86

Palabras clave: Black Sea, climate change, ecosystem approach, end-users, governance, ICZM, integrated regional assessment, marine spatial planning, Mediterranean, multi-scale, participation, responses, SDI, sustainability tools

Universidad: Universidad Pablo de Olavide

Enlace: <http://www.pegasoproject.eu/>

Estado: published

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