

Work package number	6	Start date (month)	3			
Activity Type	RTD / Innovation Activities					
Participant Id	CDC	IGS	UNIABDN			
Person-months per participant:	70	10	5			

Objectives:

Acknowledging the importance of interactions between sectors in coastal areas, the “Coastal Transects” workpackage will provide a framework for compilation and analysis of data relevant to the understanding of interactions, impacts and flows in the coastal zone from mountains to the continental shelf. The ultimate goal is to provide coastal managers with a decision-making framework and communication tool for integrated management plans:

1. To review available concepts and tools relevant to the visualization, analysis, and communication of interactions and flows in the coastal zone;
2. To examine existing 'coastal transects' software and develop communication tools that assist in categorizing and assessing of interactions and flows in the coastal zone; and
3. To develop and test a decision-making framework for integrated coastal management using selected cases around the world.

Description of work:

This workpackage will provide a framework for compilation and analysis of data relevant to the understanding of interactions, impacts and flows in the coastal zone. Each coastal area will be categorized in terms of: (1) main resource uses/activities, (2) main environment issues and impacts on coastal zone, (3) main users/stakeholder groups, and (4) main policy/regulations, for each section of the coast, from upland area to deep sea. Additionally, we will review other frameworks and tools relevant to the visualization, analysis, and communication of interactions and flows in the coastal zone. The framework will be tested on selected representative coastal ecosystems from around the world, through workshops with coastal practitioners and stakeholders. The final stage of the work will be the modification of the decision-making framework based on the test results and the development of communication tools for ICZM.

Deliverables:

All WP participants will contribute to all deliverables.

- D6.1 Review of concepts and tools for ICZM, with a special focus on stakeholder involvement (report, month 13);
- D6.2 Categorization of coastal areas using coastal transects and related software (software, month 17);
- D6.3 Decision-making framework based on coastal transect and related software (framework, step-by-step tools, month 25);
- D6.4 Testing of Framework, interactions with WPs, final report (report, month 34).
- D6.5 At least five scientific publications related to this WP to be published or submitted by WP members before the end of the project (month 34)

Milestones¹ and expected result:

- First workshop to review ICZM concepts and tools and assign tasks (WP members, month 5);
- Second workshop to review ICZM framework and tools and assign testing (WP members, month 25).

¹ Milestones are control points at which decisions are needed; for example concerning which of several technologies will be adopted as the basis for the next phase of the project.