## Pegaso Case Studies And Iczm Implementation

Stefano Soriani  $^{(1)}$ , Fabrizia Buono  $^{(1,2)}$ , Andrea Bordin  $^{(1,3)}$ , Marco Tonino  $^{(4)}$  and Monica Camuffo  $^{(1,5)}$ 

(1) University Ca' Foscari Venice, Department of Economics, 30121 Venice, Italy

Telephone: +39 041 234 8688 Email: soriani@unive.it

(2) Telephone: +39 041 234 6841 Email: fabrizia.buono@unive.it

(3) Telephone: +39 041 234 6841 Email: andrea.bordin@unive.it

(4) University Ca' Foscari Venice, Department of Environmental Sciences, 30121 Venice, Italy

Telephone: +39 041 2346841 Email: marco.tonino@unive.it (5) Telephone: +39 041 234 6841 Email: camonic@unive.it

Coastal areas are characterized by complex social-ecological systems whose equilibrium is endangered by the numerous different activities that find place in those zones. Since the traditional sectoral management approach has revealed its limits in coping with growing complex threats and impacts affecting coastal areas, a new strategy was claimed. Integrated Coastal Zone Management(ICZM) has been broadly recognised as an important holistic strategy that can promote sustainability applying an ecosystem and participatory approach, adaptive management and enhancing integration among the different management bodies, tools, scales, science and decision making. ICZM is especially needed in contexts as The Mediterranean sea, where coastal zones suffer of land based pollution, urban sprawl, overfishing and mass tourism. Moreover, the Mediterranean basin has been identified as a climate change "hotspot" expected to undergo environmental impacts considerably greater than in other places around the world. Accordingly, the entering into force in 2011 of the Madrid Protocol on ICZM represents the opportunity to develop national coastal management strategies in the Mediterranean in order to apply principles and approaches for a sustainable management of coastal areas. The paper analyses how the FP7 project PEGASO (People for Ecosystem-based Governance in Assessing Sustainable development of Ocean and coast) has contributed through the "Collaborative Application SitES" (CASEs) not only to the implementation of ICZM principles in the Mediterranean but also to foster the ICZM process in the Black Sea. The paper illustrates how the different scales, coastal issues and experiences of the 10 case studies can depict the overall Mediterranean and Black Sea current situation related to coastal threats and coastal management. The analysis focuses on the results reached by the PEGASO CASEs in the application of the ICZM Protocol principles in order to supply a useful experience that can enhance the development of coastal strategies at national level.