Geography, geology, geomorphology, sedimentology;

## A Nested Governance System For Icm In Egypt

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The core of the Integrated Coastal Zone Management (ICZM) Plan for the coastal areas between Marsa Matruh and El Sallum (Egypt) is the implementation of a nested governance system which links the governance of this area with the ICZM Egyptian National Strategy and the Mediterranean ICZM Protocol. To properly nest these regulations into a single governance system the Plan establishes (i) a set of inclusive strategic and operational objectives, (ii) different institutional arrangements based on their particular character and functions, (iii) specific communication flows and channels between policy-makers, science providers and economic and social stakeholders, and (iv) evaluation mechanisms to ensure its adaptive implementation and functioning. Overall, the ICZM Plan consists of 50 actions structured in 4 time-bounded roadmaps to be implemented during one decade which estimated costs are 1,5 million €. The requisites considered during the design of this ICZM Plan are (i) to be sustainable over long periods of time, as many decades, (ii) to be adaptable to changing conditions, and (iii) to provide the mechanisms to encourage or require specific protocols/practices of resource use and collaborative behaviors among institutions and user groups. The components and the relational system that forms the nested governance system are described as follows. On one hand, the components of the governance system are classified into Administrative and Executive Structures, i.e. Matruh ICZM Committee and Issue-driven and Markaz-driven Working Groups, while the Advisory Boards include the Northwest Coast Partnership, Matruh Coastal Observatory and Matruh Research Advisory Board. On the other hand, the relational system is structured into four categories: Mandatory, Communicative, Collaborative and System Evaluation. The specific composition and functions of the governance structures together with their ways of operating will be addressed in detail to better understand their contribution to the adaptive management

and to the collaborative planning of the coastal resources of the Northwest coast of Egypt. Our approach will provide an example on how the ICZM Protocol allows the development of locally nested ICZM initiatives around the Mediterranean Sea. Keywords: ICM, Nested Governance, Collaborative Planning, Adaptive Management