



Consiglio Nazionale delle Ricerche



ISTITUTO DI SCIENZE MARINE  
Sede Territoriale (U.O.S.) di Bologna  
Via Gobetti, 101  
40129 Bologna



## **CICLO DI SEMINARI**

### **Venerdì 12 Febbraio 2016**

Sala riunioni terzo piano - ore 11:00  
Via Gobetti 101, Bologna

## **COCONET PROJECT**

### **Data Management and Synthesis:**

**a good time to take stock and reflect on outcome**

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The CoCoNet project (Towards COast to COast NETworks of marine protected areas, from the shore to the high and deep sea, coupled with sea-based wind energy potential) which began three years ago, is drawing to a close.

The aim of the project is identify groups of putatively interconnected MPAs in the Mediterranean and the Black Seas, shifting from local (single MPA) to regional (Networks of MPAs) and basin (network of networks) scales. The identification of physical and biological connections with clear the processes that govern patterns of biodiversity distribution. This will enhance policies of effective environmental management, also to ascertain if the existing MPAs are sufficient for ecological networking and to suggest how to design further protection schemes based on effective exchanges between protected areas. The coastal focus will be widened to off shore and deep sea habitats, comprising them in MPAs Networks. These activities also individuate areas where Offshore Wind Farms might become established, avoiding too sensitive habitats but acting as stepping stones through MPAs. Two pilot project areas (one in the Mediterranean Sea and one in the Black Sea) test in the field the assumptions of theoretical approaches. The project covers a high number of countries and involves researchers covering a vast array of subjects, developing a timely holistic approach and integrating the Mediterranean and Black Seas scientific communities.

The Institute of MARine Science (ISMAR-CNR) is involved in the Work Package 9 - Data Management and Synthesis. This work package is designed to provide a common framework for data management and final synthesis of the outcomes. We created 13 thematic Geodatabases, starting from the INSPIRE Directive data specifications, that are centralized in a ORACLE database and accessible through a WebGIS platform. The WebGIS system is the linking tool for all partners, regions and thematic research.