



Several European projects that develop integrated models to simulate marine ecosystems are coordinated in Barcelona.

16/11/2010

The meeting was held in Barcelona between 15 and 19 November, coordinated by scientists from the Spanish Institute of Oceanography (IEO), IFREMER and the Spanish National Research Council (CSIC), and funded by ERA-NET MARIFISH.

Experts from Europe met this week in Barcelona to discuss the future of models to manage marine resources and fisheries against the global warming. These models, which include the main elements of the ecosystem, can predict how the change of some variables affects the rest of the ecosystem.

Among the projects presented are: REPROdUCE, which studies the process of recruitment of anchovy and sardine; FACTS, which explores the food interactions of pelagic; MEECE, a project that studies the evolution of marine ecosystems in the global warming context; and SESAME, which develops mathematical models to predict changes in the Mediterranean and Black Seas.

Miguel Bernal, general scientific coordinator of the meeting and researcher at the IEO - CSIC explains that "we want to be able to generate different scenarios showing how the changes in temperature, pollution or increased fishing pressure affect the rest of the ecosystem and how."

Source: Spanish Institute of Oceanography (IEO)

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