

WRAPPING UP OF THE IDEA PROJECT INTERNATIONAL WORKSHOP ON ENVIRONMENT, DEMERSAL RESOURCES AND FISHERIES

Centre de Cultura Sa Nostra
Palma de Mallorca (España)
10-12 May 2006



Wednesday 10 May 2006

Chairs: Pere Oliver and José Luis López-Jurado
Reporters: Manolo Hidalgo and Marta Marcos

09:30. Opening

09:30-10:30. Key Speak by Dr. Lorenzo Ciannelli (University of Oslo, Norway): The spatial facet of fish population dynamics

10:30-11:00. Coffee break

11:00-11:30. Housing arrangement and reception of manuscripts

11:30-13:00. Scientific contributions (20 min + 10 min for questions)

11:30-12:00. Wolfgang Fennel (Baltic Sea Research Institute of Warnemuende): Attempts towards bridging biochemical and fish production models

12:00-12:30. Xabier Irigoyen (AZTI Pasaia): Could Biscay Bay Anchovy recruit through a "Bakunian" loophole?

12:30-13:00. Francisco Sánchez (IEO Santander): Environmental factors determining the structure and spatial distribution of epibenthic and demersal communities of Le Danois Bank (Cantabrian Sea, N Spain)

13:00-15:00. Lunch

15:00-19:00. Scientific contributions (20 min + 10 min for questions)

15:00-15:30. Rosario Domínguez (IIM-CSIC): Analysis of the influence of stock structure and environmental changes in stock reproductive potential for both European hake Atlantic populations

- 15:30-16:00. Vera Agostini (University of Washington): Climate and Pacific hake: a geostatistical modelling approach
- 16:00-16:30. Jordi Leonart (FAO): Dynamics and fishery of the Peruvian hake: between the nature and the man
- 16:30-17:00. Coffee break
- 17:00-17:30. Lorenzo Ciannelli (University of Oslo): Spatial anatomy of species survival rates: effects of predation and climate-driven environmental variability
- 17:30-18:00. Jordi Salat (ICM-CSIC): General circulation and water mass distribution in the NW Mediterranean
- 18:00-18:30. Francesc Maynou (ICM-CSIC): Environmental effects on the fluctuations of red shrimp (*Aristeus antennatus*) catches in the Catalan Sea
- 18:30-19:00. Alvaro J. Abella (ARPAT Livorno): Importance of environmental factors in recruitment process and spatial location of nurseries for Central Mediterranean European hake

Thursday 11 May 2006

Chairs: Joan Cartes and Sebastià Montserrat
Reporters: Joan Moranta and Aina Carbonell

- 09:30-10:30. Key Speak by Dr. Gary D. Sharp (Centre for Climate Ocean Resources Study, California): Climate and Fisheries - Cause and Effect: the Role of Applied Fisheries Oceanography and Physiological ecology in Resource Management
- 10:30-11:00. Coffee break
- 11:00-13:00. Scientific contributions (20 min + 10 min for questions)
- 11:00-11:30. J. L. López-Jurado (IEO Balears): Hydrodynamic conditions at Balearic Islands during 2003 - 2004
- 11:30-12:00. Joan Cartes (ICM-CSIC): Dynamics of suprabenthos and zooplankton around Mallorca (Balearic Islands, NW Mediterranean): influence of environmental variables and effect on higher trophic levels
- 12:00-12:30. Teresa Madurell (National Oceanographic Centre of Southampton): Preliminary results on the isotopic composition of carbon and nitrogen for suprabenthos fauna in the NW Balearic Islands (western Mediterranean)
- 12:30-13:00. Joan Moranta (IEO Balears and IMEDEA-CSIC): Spatial and temporal variations in exploited deep-sea communities off the western Mediterranean: influence of environmental variables
- 13:00-15:00. Lunch
- 15:00-18:30. Scientific contributions (20 min + 10 min for questions)

- 15:00-15:30. J. Manuel Hidalgo (IMEDEA-CSIC): Seasonal and short spatial patterns in European hake recruitment process at the Balearic Sea (NW Mediterranean): the role of environment on distribution and condition
- 15:30-16:00. Beatriz Guijarro (IEO Baleares): Population dynamics of the red-shrimp *Aristeus antennatus* in the Balearic Islands (Western Mediterranean): spatio-temporal differences and influence of environmental factors
- 16:00-16:30. Beatriz Morales-Nin (IMEDEA-CSIC): Otoliths hold clues to hake life history
- 16:30-17:00. Coffee break
- 17:00-17:30. Aina Carbonell (IEO Baleares): Reproductive potential and condition of red shrimp (*Aristeus antennatus*, Risso 1816) in the Balearic Islands (North-western Mediterranean Sea), 1991-2004
- 17:30-18:00. Sebastià Monserrat (Universitat de les Illes Balears): A mesoscale index to describe the regional ocean circulation around the Balearic Islands
- 18:00-18:30. Enric Massutí (IEO Baleares): The influence of oceanographic scenarios on the population dynamics of demersal resources in the western Mediterranean: hypothesis for hake and red shrimp off Balearic Islands

Friday 12 May 2006

Chairs: Beatriz Morales-Nin and Enric Massutí
Reporters: Pere Oliver and Beatriz Guijarro

- 09:30-10:30. Key Speak by John Gordon (Scottish Association for Marine Science, Scotland): Interactions between the deep-water demersal fisheries and their environment. A case study of the Rockall Trough
- 10:30-11:00. Coffee break
- 11:00-11:30. Wolfgang Fennel (Baltic Sea Research Institute of Warnemuende): The *Journal of Marine Systems*
- 11:30-12:30. Workshop summing up
- 12:30-13:30. Workshop conclusions
- 13: 30. Workshop closure

Saturday 13 May 2006

- 07:00-20:00. Visit to the National Maritime-Terrestrial Park of the Cabrera Archipelago