
ANNEX I

COPEMED Workshop

Environmental variability and small pelagic fisheries
in the Mediterranean Sea

Mallorca (Spain) 26-29 June, 2001

Agenda

GENERAL DAILY SCHEDULE:	
Morning	9: 00-12: 30 (10:30-11:00 coffee break)
Lunch	12:30-14:30
Afternoon	14:30-18:00 (16:00 -16:300 coffee break)

Scheduled time listed below for- presentations (30 minutes per presentation; 1 (tour per keu mote presentation) includes duestionlrrn,sucer session.

Tuesday 26 June

9:00	Opening Federico Alvarez: Welcome remarks. Pere Oliver and Vera Agostini: -Workshop objectives and logistics.-
9:30	Presentations S. Somarakis: Larval fish associations in pelagic fishes trace inter-annual environmental variability in the NE Aegean Sea. I. Palomera: NE Aegean Sea patterns of the early stages of Anchovy and Pilchard in the NW Mediterranean Sea.
10:30	Coffee break
11:00	Presentation V. Agostini: Configurations of environmental processes regulating potentially suitable pelagic fish reproductive habitats in the Mediterranean Sea.
11:30	Key note. presentation A. Bakun: Updating our ideas on the nature of the interaction between fishery resources and their environment.
12:30	Lunch
14:30	Presentations A. Garcia: Otolith microstructure studies applied to field captured larval anchovy and sardine in the Mediterranean. J.G. LaFuente: Hydrographic circulation variability and its effects on the anchovy egg and larval distribution patter off the Sicilian coast. O. Giovanardi: Condition and survival of anchovy larvae in relation to hydrographic and food availability in the outflow of the river Po.
16:00	Coffee break
16:30	Discussion: Theme I -Conceptual models-

Wendesday 27 June

9:00	Key note presentation P. Cury: Evolutionary individual-based model for the recruitment of the anchovy in the southern Benguela: towards a methodology for understanding spawning patterns`?
10:00	Presentation J. Tintore: Interaction between spatial and temporal variability in the western Mediterranean basin, sub-basin and local scale: observations and modeling.
10:30	Coffee break
11:00	Presentations: (Palomera: Impact of environmental factors on recruit-

	<p>ment of anchovy (<i>Engraulis encrasiolus</i>) and sardine (<i>Sardina pilchardus</i>) off western Mediterranean.</p> <p>S. Mazzola: On the effects of SST on the interannual fluctuations of European anchovy (<i>Engraulis encrasicolus</i>) catches: first indications from the case study of the population off the southern Sicilian coast.</p> <p>G. Daskalov: Using non-linear statistical methods in analyzing fishery and environmental time-series in the Black Sea.</p>
12:30	Lunch
14:30	Discussion: Theme II -Biological and environmental indices
16:00	Coffe break
1.6:30	Discussion: Theme I and II

Thursday 28 June

9:00	Key note presentation
10:00	<p>W. Wooster: Monitoring and ecosystem analysis.</p> <p>Presentation</p> <p>J. Leonart: The status and direction of stock assessment for small pelagics in the Mediterranean</p>
10:30	Coffee break
11:00	<p>Presentations</p> <p>A. Arneri: Small pelagic fisheries and environment in the Adriatic Sea - IRPEM database.</p> <p>K Stergiou: Anchovy and sardine in Greek waters: a review of biological, ecological and fisheries aspects related to environmental variability.</p> <p>K Zgosi: Multivariate analysis of the pelagic fish community of Klang strait (Malaysia) in relation to environmental factors.</p>
12:30	Lunch
14:30	Discussion: Theme III: Databases/monitoring
16:00	Coffee break
16:30	<p>Presentations -Information management and display</p> <p>V. Tsontos: EASY-a GIS tool for the integration and analysis of multivariate fisheries and analysis of multivariate fisheries oceanography data.</p> <p>P. Hernandez: GIS Application on the Study of the Spatial Distribution of Small Pelagic Fishes in the Gulf of Lions. Environment or Interspecific Competitivity?</p> <p>Bensch: The spatial analysis of marine resources abundance indicators calculated using fishery survey data.</p>

Friday 29 June

13:00	Discussion of final report
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