

**SCSA/SCSI/CESS (SAC/GFCM) transversal workshop
on methodology to analyze disaggregated fishery data
Sète, France, 12-16 March, 2007**

Draft annotated agenda

1. Opening of the workshop

2. Adoption of the agenda and arrangements of the meeting

3. Presentation of the Terms of Reference

Terms of Reference as adopted by the 31st GFCM are presented in the annex 1

4. Presentation of the different databases

Each participant will introduce his/her data base indicating the software used, the characteristics of the data, and the length of the data series.

5. Analysis

The work on data bases will be done by owners on their computers. It is intended to develop a common methodology to obtain comparable results from the analysis, not to share data.

The following points are taken from the mandate of the GFCM, structured by theme

Every point will be introduced and discussed before being applied to the real data. The results will be also discussed and finally a methodological procedure be proposed. Volunteers for introducing and chair the themes are welcomed.

5.1 Pre-processal analysis: Filter data and detect errors and biases

5.2 Descriptive analysis

5.2.1 Identify clusters of vessels (potential OUs)

5.2.2 Identify target species (by OUs or cluster of vessels)

5.2.3 Identify species composition

5.3 Temporal analysis

5.3.1 Analyze variability of landings at different time scales.

5.3.2 Identify and describe seasonality

5.3.3 Identify and describe trends, both in fishing activity and in stock abundance

5.3.4 Analyze prices, more specifically, price dynamics in time (season, years), in function of supply, maybe in function of size and imports

5.4 Identify fishing strategy and tactics¹ (métiers), in basis of the results of the points 5.2 and 5.3.

5.5 Other analyses

5.5.1 Define nominal effort and propose a method to obtain effective effort for each vessel/OU

5.5.2 Explore methods to calibrate official landing statistics from sampling on board and field surveys.

5.6 Meet the basic requirements and prepare the ground to undertake the assessment of fishery stocks using the above data in available stock assessment models.

6. Conclusions

¹ A **strategy** is a general plan or set of plans intended to achieve something, especially over a long period. **Tactics** are the methods that you choose to use in order to achieve what you want in a particular situation. [(c) HarperCollins Publishers].

Annex 1: ToRs adopted by the GFCM in its 31st session (Rome, 9-12, January, 2007)

Terms of Reference for the SCSA/SCSI/SCCESS proposed Transversal Workshop on methodology to analyze disaggregated fishery data

1. Taking into account the progress made on operational units concept (OUs) and the results of the First meeting of the PWGAM, and the availability, for some Mediterranean areas, of data series on landings and prices/revenues, disaggregated by day, vessel and species, the SCSI and the SCSA recommended to organize in 2007 a Workshop to develop a common methodology to analyze and compare results from these different series.
2. More specifically, the Workshop will develop standard methods to:
 - filter data and detect errors and biases;
 - analyze variability of landings at different time scales;
 - identify clusters of vessels (potential OUs);
 - identify target species;
 - identify species composition;
 - identify and describe seasonality;
 - identify and describe trends, both in fishing activity and in stock abundance;
 - identify fishing strategy and tactics (metiers);
 - define nominal effort and propose a method to obtain effective effort for each vessel/OUs;
 - analyze prices; and
 - explore methods to calibrate official landing statistics from sampling on board and field surveys.
 - meet the basic requirements and prepare the ground to undertake the assessment of fishery stocks using the above data in available stock assessment models.
3. A description of each data series, including: years covered, vessels and species, number of registers (vessel-day-species-catch-price/revenue) should be provided for the areas concerned before the workshop. The workshop will therefore consist of practical work analysis of the (historical) data series on landings and prices/revenues, disaggregated by day, vessel and species. It should take place only if at least two relevant sets of data are guaranteed to be available before the workshop.