



**GENERAL FISHERIES COMMISSION
FOR THE MEDITERRANEAN
COMMISSION GÉNÉRALE DES PÊCHES
POUR LA MÉDITERRANÉE**



Palazzo Blumenstihl, Via Vittoria Colonna 1, 00193 Rome, Italy. Tel: + 39 0657055730. www.gfcm.org

**Scientific Advisory Committee (SAC)
Workshop on Stock Assessment of Selected Species of Elasmobranchs
in the GFCM area
Brussels (Belgium), 12 -16 December 2011**

Draft Annotated Agenda

Monday 12 December 2011

Morning Session, 9:00-13:00

1. Opening session

- Opening, arrangement of the meetings
- Logistical aspects
- Structure of the report
- Nomination of the rapporteur(s)

2. Overview the characteristics of Chondrichthyans in terms of biological features and data availability:

- Identification of technical constraints posed by their bio-ecological characteristics and data collection when compared to Osteichthyans
- Difficulties regarding the definition of reliable biological parameters
- *Long-term ecological change in the elasmobranch community of the Adriatic Sea (Ferretti F., Osio G. C., Jenkins C., Rosenberg and A. Andrew)*
- *Considerations on the EU project - Fish/2004/03-41: Status of ray populations in the Mediterranean Sea and advice for sustainable exploitation of the stocks (Serena F.)*
- *Elasmobranch management in Croatia (Soldo A.)*
- *Squalus acanthias L. and Raja clavata L., L-W composition from scientific surveys in Bulgarian Black Sea waters (Raykov V.)*

Lunch time (13:00-14:30)

Afternoon Session, 14:30-17:30

3. General Review on the available methods for stock assessment, especially in data shortage situations, including:

- Yield and biomass per recruit models
- Surplus production models and variants
- Risk assessment using PSA (Productivity and Susceptibility analysis) at community level

- Approaches based on life history traits
- Other
- *Use of Leslie matrix for the assessment of the exploitation status of Raja asterias, Raja clavata, Scyliorhinus canicula and Galues melastomus (Abella A., Mancusi C. and F. Serena)*
- *Sustainability of by-catch of sharks and finfish in the Norway lobster fishery (Abella A., Mancusi C. and F. Serena)*
- *Effet du changement de maillage sur la production de Scyliorhinus canicula, dans le bassin algérien (Hemida F.)*

Tuesday 13 December 2011

Morning Session, 9:00-13:00

- 3. General Review on the available methods for stock assessment, especially in data shortage situations (Cont')**
- 4. Identification/setting of biological reference points (BRPs) and maximum sustainable yield (MSY) proxies**

Lunch time (13:00-14:30)

Afternoon Session, 14:30-17:30

- 5. Data quality and formats standardization – Analysis of the data sets provided by the participants (e.g. length frequencies, time series of abundance, structure by age, commercial vs surveys data)**

Wednesday 14 December 2011

Morning Session, 9:00-13:00

- 6. Practical session:**
 - Review of the available stock assessments (if any)
 - Stock assessment analysis, including diagnosis and formulation of management advice; illustration of some potentially useful software

Lunch time (13:00-14:30)

Afternoon Session, 14:30-17:30

- 6. Practical session (Cont')**

Thursday 15 December 2011

Morning Session, 9:00-13:00

- 6. Practical session (Cont')**

Lunch time (13:00-14:30)

Afternoon Session, 14:30-17:30

- 6. Practical session (Cont')**

7. General conclusions and recommendations including:

- Suggestions to improve data collection and assessment methods used
- Advice for the consideration of the Scientific Advisory Committee (SAC)
- Future activities
- Other

Friday 16 December 2011

Morning Session, 9:00-13:00

8. Any other matters

9. Adoption of the report and closure of the meeting