



Food and Agriculture  
Organization of the  
United Nations



General Fisheries Commission  
for the Mediterranean  
Commission générale des pêches  
pour la Méditerranée

**Scientific Advisory Committee on Fisheries (SAC)  
Working Group on the Black Sea (WGBS)**

**Permanent Working Group on Stock Assessment Methodologies (PWGM)**

**Expert meeting on Stock Assessment Methodology**

**ONLINE (ZOOM)  
3-4 February 2020**

**PROVISIONAL ANNOTATED AGENDA**

**Wednesday 3 February 2021**

*Morning Session, 9:30-13:00 (with 10 min break)*

**1. Opening and arrangements of the meeting (40 min)**

- Introduction of participants
- Election of the Chair and rapporteurs
- Adoption of the agenda
- Recap on relevant conclusions and decisions from previous GFCM meetings, including from the 21st session of the SAC and 43rd session of the GFCM

**2. Introductory session: framework for the provision of advice in other advisory and management bodies**

- Presentation by ICES: Anne Cooper (15 min)
- Presentation by IOTC: Toshihide Kitakado (15 min)
- Discussion (10 min)

**3. Review of existing stock assessment methodologies used to provide advice on stock status within the GFCM**

*3.1. Data-rich methods*

- Setting the scene: introductory presentation by Rishi Sharma - FAO (15 min)
- Presentations of main methods used within the GFCM: (10 min each + 5 min questions: 1h45min)
  - SPicT – Tserpes et al. (10min + 5 min)
  - Two-stage biomass models – Giannoulaki et al. (10min + 5 min)
  - XSA – Ben Abdallah et al. (10min + 5 min)
  - a4a – Ligas et al. (10min + 5 min)
  - SAM – TBD (10min + 5 min)
  - SS3 – Falsone et al. (10min + 5 min)
  - Gadget – Herrera et al. (10min + 5 min)

*Afternoon Session, 14:30-17:00 (with 10 min break)*

**3. Review of existing stock assessment methodologies used to provide advice on stock status within the GFCM (cont'd)**

- Evaluation of strengths and weaknesses of the different methods, as well as comments on their usefulness in the provision of advice within the GFCM

**Thursday 4 February 2021**

*Morning Session, 9:30-13:00 (with 10 min break)*

*3.2. Data-limited methods*

- Setting the scene: introductory presentation by Nico Gutierrez – FAO (15 min)
- Presentations of main methods used within the GFCM: (10 min each + 5 min questions: 1h30min)
  - Direct survey methods – Fiorentino et al. (10min + 5 min)
  - Catch advice – Ligas et al. (10min + 5 min)
  - ViT – Fahim et al. (10min + 5 min)
  - Catch only + length-based (CMSY-BSM/AMSY/LBB, JABBA, SSS, LBSPR, LIME...) – Scarcella et al. (20 min + 10 min)
  - Depletion model – Ruben Roa Ureta (10min + 5 min)
- Evaluation of strengths and weaknesses of the different methods, as well as comments on their usefulness in the provision of advice within the GFCM (1h 50min)

*Afternoon Session, 14:30-17:00 (with 10 min break)*

**4. General discussion**

- Next steps in the consolidation of a review of stock assessment methods used in the GFCM
- Discussion on next steps for the revision of the framework for the provision of advice

**5. Closing Session:**

- Any other matter
- Adoption of conclusions

### Proposed presentations by methods

METHOD	EXPERTS
SPicT	<b>Tserpes</b> /Benchoucha/Gras/Giannoulaki/Ligas/Ramirez/Thasitis
Two-Stage Biomass model	<b>Giannoulaki</b> /Gras/Ramirez
XSA	<b>Ben Abdallah</b> / Bitetto/Fiorentino/Gücü/Guijarro/Jarboui/Ligas/Perez/Settih/Thasitis
a4a	<b>Ligas</b> /Bitetto/Daskalov/Giannoulaki/Ibaibarriaga/Mannini/Perez/Ramirez/Winker
SAM	Angelini/Cardinale/Cikes/Daskalov/Giannoulaki/Gücü/Ibaibarriaga/Leonchyk
SS3	<b>Falsone</b> /Angelini/ Bitetto/Cardinale/Leonchyk/Ramirez/Scarcella
GADGET	<b>Herrera</b> /Benchoucha
Direct survey methods	<b>Fiorentino</b>
Catch advice	<b>Ligas</b>
VIT	<b>Fahim</b> /Benchoucha/Filali/Jemaa/Leonchyk/Perez/Settih/Ramirez
Catch only + length based	<b>Scarcella/Armelloni</b> /Amoroso/ <b>Demirel</b> /Fahim/Jemaa/Leonchyk/ <b>Ramirez/Sharma</b> /Tiganov/Thasitis/Tserpes
Depletion model	<b>Ruben Roa Ureta</b>

## Notes on the table

It is proposed that all people whose name appears under a particular method coordinate to produce one single presentation per method.

To facilitate the discussion and in preparation of a compilation of stock assessment methods used for advice in the GFCM, it is proposed that each presentation contain, at least, the following information (which can also be complemented by anything additional at your discretion):

- Description of the assessment model
  - Type of model
  - Main assumptions
  - Required input data
- Summary of species and GSAs for which the method is used to provide advice
- Summary of comments from previous WGs / SAC / WGBS
- Additional critical issues
- Expected future applications

In the table attached, one coordinator per method (in red) is suggested to lead the preparation of the presentation, but please feel free to organize yourselves as you deem most appropriate. Also, please coordinate with other experts in preparation of this presentation as deemed necessary.

It is suggested that presentations be of maximum 15 min (10 min presentation + 5 min questions). A few additional presentations from invited experts (ICES, FAO, RFMOs) are also expected.