



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



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**Scientific Advisory Committee
Sub-Committee on Marine Environment and Ecosystems (SCMEE)**

**Workshop on Algal and Jellyfish blooms
in the Mediterranean and Black Sea
Istanbul, Turkey, 6th/8th October 2010**

Adopted Agenda

Wednesday, 6th October 2010

Morning session, 9:30-13:00

- 1 Opening, arrangement of the meeting and adoption of the agenda**
- 2 Session on Jellyfish Blooms
(Moderator: Mr. Ferdinando Boero)**
 - 2.1 General Introduction (by Boero F.)**
 - 2.2 Jellyfish bloomings in the Mediterranean and Black Sea**
 - *Jellyfish blooms in the Mediterranean and Black Sea: a brief review*
(by Nastasi A.)
 - *Jellyfish bloom in the Lebanese seawaters: is it a sequence of the "Tropicalization" of the Levantine Basin?* (by Lakkis S. and Zeidane R.)
 - 2.3 Human health-related problems caused or associated with the jellyfish bloomings**
 - *The price of change: jellyfish outbreaks along the Mediterranean coast of Israel*
(by Galil B.)
 - *Do we know enough? (to give answers and suggest appropriate countermeasures)*
(by Piraino S.)

Lunch time (13.00-14.30)

Afternoon session, 14.30-17.00

2.4 Effects of jellyfish bloomings on fisheries

- *The effect of jellyfish on the small scale fishery in the Black Sea* (by Özdemir S., Erdem E. and Bırcıncı Özdemir Z.)
- *Decreasing methods of jellyfish bycatch on the trawl fishery* (by Özdemir S.)
- *Effects of mucilage bloom on the fisheries of the Sea of Marmara through the 2007/2008 fishing period* (by Zengin M., Güngör H., Demirkol C. and Yüksek A.)
- *Natural and anthropogenic impact on North Sea gelatinous zooplankton population dynamics: implications for ecosystem structure and functioning* (by Langenberg V. T., van Walraven L., and van der Veer H. W.)

2.5 Methodologies and data collection programs related to jellyfish bloomings

- *Two years of CIESM Jellywatch Project in Italian waters* (by Boero F., Gravili C., Prontera E. and Piraino S.)
- *Basin-Wide Black Sea Mnemiopsis Leidy Database (MLDB)* (by Myroshnychenko V. and Kideys A. E.)

Thursday, 7th October 2010

Morning session, 9:00-13:00

2.6 Scientific framework to advice on management options to eliminate and/or mitigate jellyfish blooms

2.7 General discussions

3 Session on Algal Blooms

(Moderators: Ms. Antonella Penna and Mr. Muhammet Türkoğlu)

3.1 General Introduction (by Penna A. and Türkoğlu M.)

3.2 Algal bloomings in the Mediterranean and Black Sea

- *Natural eutrophication inducing phytoplankton bloom along Lebanese coastal water (Levantine Basin)* (by Lakkis S., Novel-Lakkis V. and Zeidane R.)
- *Phytoplankton blooming in Gabes Gulf (Tunisia): twenty years of monitoring* (by Hamza A., Feki W. and Bel Hassen M.)
- *Recurrent blooms of a common heterotrophic dinoflagellat *Noctiluca scintillans* in the Sea of Marmara (Çanakkale Strait)* (by Türkoğlu M.)

- *Excessive growth of Cladophora sp. in the Southwestern Istanbul coast (Marmara Sea)* (by Balkıs N., Sivri N., Fraim L. N., Balcı M., Durmuş T.)
- *Mucilage events in the Sea of Marmara and the associated processes: Field and laboratory findings* (by Polat Beken Ç. Tüfekçi V., Sözer B., Yıldız E., Telli-Karakoç F., Mantıkçı M. and Ediger D.)
- *First observation of the mucilage formation in the Sea of Marmara in October 2007* (by Yuksek A. and Sur H. I.)
- *MAREM (Marmara Environmental Monitoring) Project* (by Artüz O. B. and Artüz M. L.)

Lunch time (13.00-14.30)

Afternoon session, 14.30-17.00

3.3 Human health-related problems caused or associated with the algal bloomings

- *Retrospectives of two decades of the Harmful Algae Bloom monitoring in Morocco* (by Taleb H.)
- *Harmful benthic algal species in the Mediterranean Sea: genetic diversity and ecological aspects* (by Penna A.)

3.4 Effects of algal bloomings on fisheries

3.5 Methodologies and data collection programs related to algal bloomings

- *HABs incidents and monitoring efforts in Izmir Bay, Turkey* (Bizsel N., Bizsel C. C. and Inanan B. E.)

3.6 Scientific framework to advice on management options to eliminate and/or mitigate algal blooms

3.7 General discussions

4 Any other matter

Friday, 8th October 2010

Morning session, 9:00-13:00

5 General conclusions and recommendations on algal and jellyfish blooms in the Mediterranean and Black Sea

6 Adoption of the final report/conclusions and recommendations