

Ministère de l'Enseignement Supérieur et de la Recherche Scientifique



Ecole Nationale Supérieure des Sciences de la Mer et de
l'Aménagement du Littoral

International Congress

Systemic Management of Fisheries Resources

FIRST ANNOUNCEMENT



E.N.S.S.M.A.L - DELY Ibrahim, Algiers

29 - 30 November 2010

Summary

The National High School of Marine Sciences and Coastal Management (Ecole Nationale Supérieure des Sciences de la Mer et de l'Aménagement de Littoral, **ENSSMAL**) organizes, on 29 and 30 November 2010, an international symposium entitled: “**Systemic Management of Fisheries Resources**”. The aims of this meeting are on one hand, to familiarize various participants in fisheries management with this new concept, and on the other hand, to increase the links between economic, environmental, and social issues within the framework of integrated marine resources.

Molecular genetics enables the identification, with certainty, of the targeted species. It contributes objectively to the characterization of the genetic diversity of different taxa, and to the individualization of the evolutionary relationship between these different groups, in a more accurate definition of the concept, such as the stock unit present in a given region. Molecular genetic studies play an important role in the fishery resources management; therefore its importance cannot be ignored.

Fishing is a social practice generating an economic process; consequently populations exploit common, natural, and self-renewing resources, which develop in a bio-economic environment relying on a biological behaviour of the exploited system, and the socio-economic behaviour of the exploiter. The stock assessment has so far been, almost exclusively based on, species biology and population dynamics of the harvested resources. Some Mediterranean countries, including Algeria, should take into account the socio-economic aspects of fishing, the impact of climate and environmental change on the resources, and the main inter-specific relationship within the exploited system.

Objective

- Reassess the systematic of marine animals, using molecular genetic methods, which are based on gene and genome variations at different taxonomic levels.
- The use of systemic management and exploitation options of fisheries, to ensure an optimal and sustainable utilization of fisheries resources, whether it could be coastal or offshore.
- Familiarize researchers in fishery, who wish to deepen their knowledge in terms of stock assessment, management board formulation, with new models and methods of acquiring information, because fishing activity is primarily economic.
- Improve the relationship between science and management to make sure that management measures are effectively implemented
- Establish mechanisms for greater involvement and responsibility of all parties involved in the management of fisheries resources
- Encourage synergies, communication and cooperation
- Strengthen partnership in the Mediterranean Sea.

Two approaches related to the fisheries resources management will be developed and will constitute the main axes of research highlighted during this symposium.

Axis 1: Genetics applied to ichthyologic communities

- Phenetic and molecular taxonomy
- Genetic diversity of resources
- Genetic modification due to fishing

Axis 2: Sustainable use of living marine resources

- Economics of fisheries
- Bioeconomic modelling
- Fishing ecology.

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Schedule

Deadline for submission of abstracts: **15th June 2010**
Notification of acceptance: **30th July 2010**
Final manuscript: **15th September 2010**
Registration deadline: **15th October 2010**

Registration fees

Participants delivering oral presentation:

Total payment **10 000 DZD** (registration, accommodation and catering fees)

Partial payment **3000 DZD** (registration and catering fees)

Participants delivering poster presentation:

Total payment **15 000 DZD** (registration, accommodation and catering fees)

Partial payment **5000 DZD** (registration and catering fees)

Post graduates **500 DZD** (registration and catering fees)

Instructions to authors

Authors are invited to submit abstracts as a PDF attachment electronically (e-mail:GSRH-2010@enssmal.dz)

Abstracts must be written in French or English on one page (A4) with a maximum of 300 words, Time New Roman font, size 12, 1.5 spacing, and 2 cm margin on all sides.

Abstracts should contain:

- The title (centred, bold, capital letters, size 14)
- The authors' names, (centred, normal, size 12, underlying the names of the presenters)

- The authors' postal addresses and emails (centred, size 12, normal)

- The keywords (between 6 and 8) placed at the bottom of the summary

Contacts

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