

Symposium 2011

“Biodiversity, ecosystems and uses of the marine environment: what knowledge for integrated management of the normano-breton gulf ?”

The provisional program of the Symposium

Wednesday, November 2, 2011

*Welcome to participants
Introduction speech*

SESSION 1: KNOWLEDGE

The normano-breton gulf: State of knowledge

Morning

Chairman = Patrick LE MAO

Overview of the functioning of the normano-breton gulf:

1.1. General Operation GNB

Large assemblages of fauna and flora of the normano-breton gulf:

- 1.2. Benthic invertebrates
- 1.3. Phytoplankton + zooplankton
- 1.4. Benthic macrophytes
- 1.5. Fish + focus on Rays
- 1.6. Marine mammals
- 1.7. Avifauna

SESSION 2: FEATURES

The main ecological functions of the normano-breton gulf

Afternoon

Chairman = Eric THIEBAUT

General Introduction

2.1. The concepts of ecological functions

Primary production: role and characteristics of the normano-breton gulf

- 2.2. Phytoplankton and the trophic capacity in the Bay of Mont Saint Michel
- 2.3. The microphytobenthos and its role in the food web

2.4. Algae and macrophytes

Fish habitats of interest

2.5. Nursery sites for flatfish

2.6. The contribution of spawning squid to fish stock

Particular and remarkable habitats of the normano-breton gulf

2.7. Seagrass Zostera (Chausey + Jersey)

2.8. Sabellaria Reefs

2.9. Mäerl Reefs

2.10. Lanice banks (Chausey / Bay of Mont Saint Michel)

2.11. Overall conclusion of the appreciation of ordinary biodiversity in conservation marine strategies

Thursday, November 3, 2011

SESSION 3: ISSUES AND FUTURES NEWS

Interactions between human activities and marine

Morning

Chairman = Brice Trouillet (to confirm)

General Introduction

3.1. Overview of planning at sea

Fishing activities and marine farming in the normano-breton gulf

3.2. Fishing activities and resource status

3.3. Impact of trawling and dredging on benthic communities

3.4. Shellfish farming in the gulf

3.5. The shellfish on the intertidal foreshore

The facilities of the normano-breton gulf and interactions with the marine environment

3.6. The features of energy production in the marine environment

3.7. Port planning

Invasive species

3.8. Overview on invasive species

3.9. Eutrophication

3.10. The slipper limpets

Marine Biodiversity and Climate Change

3.12. The project MARCLIM

SESSION 4: MANAGEMENT AND REGULATION

The regulatory framework and tools for managing and protecting the marine environment.

Afternoon

Chairman = Jean-Claude Lefeuvre

General Introduction

4.1. Management tools and conservation

Descriptors and regulatory frameworks of good environmental status of marine environment

4.2. Economic indicators for the exploitation of the marine environment and ecosystem services

4.3. from the Water Framework Directive to the Marine Strategy Framework Directive

Spatial management of marine environment

4.4. The management on the Chausey islands and in the bay of Mont Saint Michel

4.5. The management of the marine environment in Jersey

4.6. The management of fish stocks in the normano-breton gulf: The Treaty of Bay of Granville

4.7. The Marine Park, a new integrated management tool: Feedback on the Iroise park (Brest, France)

SESSION 5: DISCUSSION ABOUT THE NATURAL MARINE PARK

Debating the project of the marine park in the normano-breton gulf

Late afternoon

⇒ Roundtable discussion on the natural marine park with the chairmen + a representative of the Agency for marine protected areas: the extent of the future normano-breton marine park?

⇒ General Conclusion