



C2. ECOSYSTEM-BASED MANAGEMENT FOR MARINE CONSERVATION

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Course outline-lectures

1. Introduction

- Ecosystem Based Management (EBM): definition and principles
- EBM: ecological and economic constraints

2. Basic principles

- Relationships between biodiversity and ecosystem functioning
- Linkages between marine biodiversity, ecosystem functioning, goods and services
- Threats to marine biodiversity and cascade effects on ecosystems functioning, goods and services

3. Methods

- The protection of marine ecosystems: general principles
- Identification of eligible areas for marine conservation
- Identification of conflicts between ecological conservation and the use of sea resources
- Methods and tools for the siting of marine protected areas

4. Socio-economic consequences of marine conservation

- Marine Reserve Effects: ecological assumptions
- Limits and threats of marine conservation on ecological systems
- Limits and threats of marine conservation on economic systems
- Conflicting interactions between EBM and socio-economical systems
- Efficacy of marine protection and life-long monitoring