

THE REGIONAL BASIS OF COASTAL AND MARINE SCIENCE AND POLICY INTEGRATION IN EUROPE

Hance D Smith
MACE Group
Cardiff University

Introduction

- MACE AND SPICOSA
- Development of the coastal and marine environment
- Development of the management and policy framework
- Geographical scales
- Regional integration

MACE

Marine and Coastal Environment

- Coastal and marine management and policy
- Geomatics and environmental monitoring
- Coastal biological processes
- Marine geography

SPICOSA

Science and Policy Integration for Coastal System Assessment

- Node 1: Science and policy interface methodology
- Node 2: System approach framework methodology
- Node 3: Study site applications
- Node 4: Support services: modelling support, information management, alternative strategies, communication and dissemination
- Node 5: Education and training

Development: the coastal and marine environment

- European environmental regions
- Classifying groups of uses
- Development stages and calibration
- Regional patterns: cores and peripheries

Development of the management and policy framework

- Economic sectors
- National cornerstones
- International: global and regional
- EU

EU

- CFP and RACs
- Directives
- Programmes: regional and other
- Maritime strategy

International

- Sub-regional systems: OSPAR, Helsinki, Barcelona
- Sectoral systems: shipping, ports, fisheries, waste and pollution, scientific research
- North Sea Ministerial Conferences
- Global: UN system and agencies

National

- Sectoral administrations
- Integration
- Devolved administrations
- Agencies

Local

- Local authorities
- Port authorities
- Fish producers organisations
- Tourism agencies
- Conservation organisations

Regional integration

- Spatial: sectoral and marine spatial planning (MSP)
- Fisheries: a special case
- Environment: development, ecosystems and scale
- Coast: sea and land
- Organisations and decision-making

Conclusion

- Development trends: a new stage
- Science and policy framework: relative importance of competing influences and decision-makers
- Regional integration: organisations, policies, plans, implementation
- Regional integration: geographical scales