
DELIBERATION SUPPORT TOOL "KER-COASTS"
Integrated Coastal Zone Management
On-line documentation, evaluation and communication interface for ICZM

Designed & developed by the KerBabel™ group
of the IACA team at the C3ED, France

Presentation of Concepts under Development for

PASARELAS (SSA)
ECOST (INCODEV Programme)

SPICOSA (Integrated Project)

"Ker-COASTS / Ker-Côtier"

Ker-COASTS — An "ICZM" DST

is a design concept for an interactive on-line

DELIBERATION SUPPORT TOOL

for discovery and analysis of the ICZM challenges facing public policy makers, the business world, scientists and civil society.

- **The Tools & Methods**
- **Discovery and Learning**
- **The Policy Challenges**
- **Contributions from Science**

THE 12 DISCOVERY SPACES OF THE DST "KER-COASTS"

Area	Acronym	Area	Acronym
1	KER-COASTS HOME	7	CONSULT THE CUBE
2	V "COASTAL WALKWAY"	8	INDICATOR DIALOGUE BOX
3	ICZM METHODOLOGY	9	FUTURES (SCENARIOS)
4	TO THE PROJECTS….	10	MAPS & DATA
5	ICZM GOVERNANCE ISSUES	11	KQA KNOWLEDGE QUALITY ASSESSMENT
6	ACTORS [STAKEHOLDERS]	12	DOCUMENTATION
Area	Acronym	Area	Acronym

KER-COASTS — THE TOOLS & METHODS

THE TOOLS & METHODS

Allying science and stakeholder dialogue processes for risk governance, Ker-COASTS introduces visitors to state-of-the-art integrated environmental assessment and participatory evaluation practices.

- **Participate, via the DELIBERATION MATRIX (THE CUBE), in a multi-stakeholder multi-criteria scenario evaluation as a framework for the appraisal of ICZM challenges and options for policy.**
- **Familiarise yourself with, and contribute to, the INDICATOR DIALOGUE BOX — an interactive meta-information system for the information sets used in description and evaluation of system change, and a forum for dialogue between producers and users of information.**
- **Discover an array of procedures for KNOWLEDGE QUALITY ASSESSMENT that address data sources, model specifications and incertitude, and also societal dimensions such as value systems, power relations and acceptability of risks in the framing of science-policy issues.**

KER-COASTS — DISCOVERY AND LEARNING

DISCOVERY AND LEARNING

Learn about the reasons for being concerned about damage to ecosystem functions and the benefits of ICZM loss.

- **Take a promenade along the VIRTUAL COASTAL WALKWAY to appreciate the variety and significance for human society of the resources of coastal zones. Discover the variety of human exploitations (rural and urban), the variety of fauna and flora (including inland and coastal waters, and the tensions on the interfaces of marine and terrestrial ecosystems.**
- **Explore the spectrum of GOVERNANCE ISSUES such as:— Maintenance of Biological Richness; Ecosystem Services to the Economy; Economic Performance; Social Cohesion; Power Structures & Political Models; Economic Regulation; Environmental Governance; Community & Local Identity; Quality of Landscape; Status of Nature.**
- **Build bridges between different points of views on ICZM and what needs to be done.**

KER-COASTS — THE POLICY CHALLENGES

THE POLICY CHALLENGES

Become a participant in local and international science-policy dialogues.

- **What are the factors determining current and possible future stresses on fisheries resources and coastal zones?**
- **What governance can, and should, be influenced over fisheries and coastal zones?**
- **Who are the key players and classes of stakeholders for ICZM?**
- **Who might be interested in learning from the results of research?**
- **What are the communication challenges — the "gaps" to be bridged — to link the actors in the scientific world with those in public policy and administration, the business world and civil society?**

KER-COASTS — CONTRIBUTIONS FROM SCIENCE

CONTRIBUTIONS FROM SCIENCE

Travel in a virtual world in order to gain new insights about our real one. Walk through the doorway to research projects' multi-disciplinary scientific results.

- **Explore SCENARIOS of possible ICZM strategies for Case Study regions with the help of models, images, maps, graphs and texts from the inter-disciplinary scientific community.**
- **Link to the "DATA WAREHOUSE" resources to see the complete spectrum of scientific data produced and made available in projects and networks of the ICZM scientific community.**
- **Exploit hyperlink access to comprehensive DOCUMENTATION of the Ker-COASTS system itself and information about the "outside" world.**

USER INPUTS to the Discovery Spaces of "Ker-COASTS"

Type of "Input" to Ker-COASTS	DST Area	No.
SCIENTISTS contribute examples of components of biodiversity classed by ecosystem type, functional significance and source(s) of pressure/risk.	WALKWAY	2
STAKEHOLDERS (OF ANY SORT) contribute views on the importance of governance themes and on the adequacy (or not) of current policies	ISSUES	5
USERS OF THE DST KER-COASTS sign up as members of the stakeholder community (allowing them to contribute to the WALKWAY, CUBE, IDBOX, KQA& DOCU spaces)	ACTORS	6
STAKEHOLDERS (OF ANY SORT) can make comparative evaluations of [1] SCENARIOS for regional ICZM) and [2] specific POLICY OPTIONS, for the spectrum of GOVERNANCE ISSUES.	CUBE	7
STAKEHOLDERS (OF ANY SORT) provide suggestions about information categories that might be used for description or evaluation of SCENARIOS and POLICY MEASURES.	ID–BOX	8
SCIENTISTS contribute data sets, models, maps and other outputs that contribute to profiling present and future ICZM challenges.	MAPS&DATA	10
SCIENTISTS (AND OTHER STAKEHOLDERS) can contribute "case studies" of Knowledge Quality Assessment procedures applied to data sets ,indicators, models, maps, whatever.	KQA	11
STAKEHOLDERS (OF ANY SORT) may insert into the KerBabe™l on-line library gateway any bibliographic data (documents, Internet links) on aspects of ICZM.	DOCU	12