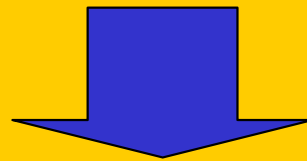




European Network for Coastal Research

EU funded Coordination Action 2006-2009



European Coastal Platform 2009 - ...



WHY ENCORA?

- Coastal knowledge & experience are widespread in Europe (and beyond), but do you take advantage of it?

WHY ENCORA?

- Coastal knowledge & experience are widespread in Europe (and beyond), but do you take advantage of it?
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- **The whole world is connecting to the World Wide Web, but does this affect your work?**



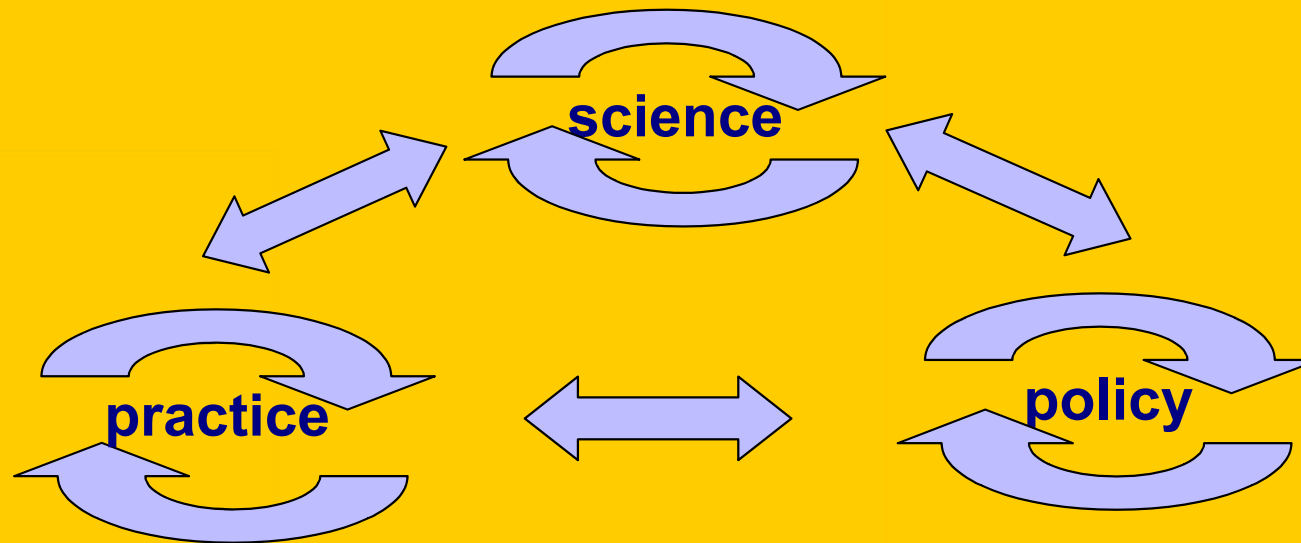
Global Information Society

Being an expert means:

- **you have a network of expert colleagues**
- **you know where to find information**

Trend: Growing demand for expertise on integration of different pieces of information

Empowering individuals by a bottom-up process of sharing coastal knowledge and experience



- Take advantage of European-scale
- Bridge science-policy-practice
- Overcome fragmentation

NATIONAL NETWORKS

- Clearing house
- National websites
- Contact Database
- Forum
- Workshops, seminars
- YPEP





Contact Database

Persons
Institutes
Projects

Addcontact

Add contact information

EditContact

Edit Contact Details

EUCC Project Databases

EUCC Project database
EUCC Cases study database

Contact database


Persons

Search in all fields: Surname initials or firstname

Surname:

initials:

Firstname:

Country: 

Thesaurus term: [search]

Collection: 

Theme: 

Network/Ambassador: 

Search option



Registration: info@encora.eu

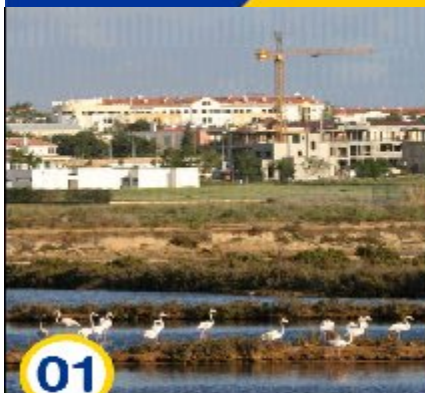
Update: online

Over 2500 registered coastal professionals



THEMATIC NETWORKS

- Coastal Wiki
- European Action Plan



01

Multifunctionality and valuation

Valuation of competing functions, to optimise the spatial use of coastal and marine resources

→ FEEM/CORILLA - encora@feem.it



03

Marine and coastal spatial planning

Multiple scale structuring of spatial coastal and marine planning and related decision-support systems for sustainable development

→ Thessaly University - likok@uope.gr



05

Long term coastal geo-morphological change

Promoting the development, demonstration and dissemination of new and emerging models and methodologies for the prediction of long term geo-morphological changes in coastal and estuarine systems, including the effects of climate change

→ University of Plymouth - joelnie.jackson@plymouth.ac.uk



07

Restoration and preservation of coastal biodiversity

Testing and improving an ecological valuation protocol for the coastal and marine environment

→ Ghent University - steven.degree@UGent.be



09

Assessment of field observation techniques

New and emerging tools and practices for coastal and marine observation, with focus on remote sensing and remotely controlled measuring devices

→ GISS - clivia.lho@ocean.de



02

ICZM Participation and Implementation

Testing and improving methods to evaluate progress in the implementation of ICZM, including ICZM metrics

→ EUMCC - w.katlam@eumcc.net



04

Pollution, prevention, detection and mitigation

Development and application of emerging methodologies for preventing, detecting and mitigating pollution and for identification of coastal risk

→ CETMEP - trancost@vetalequipment.gov.tr



06

Effect of development and use on eco-morphology and Coastal Habitats

Impact assessment tools and environmental techniques for recovery of coastal habitats

→ DHI Water and Environment - kso@dhi.com



08

Innovative coastal engineering techniques

Innovative practical coastal protection ideas

→ TU Delft - l.donswaard@tudelft.nl



10

Capacity building, training and education in ICZM

Comparative assessment of ICZM training and education programmes

→ University of Cantabria - Elizapazeta@unican.es

COASTAL WIKI WHY?

- **Do you, as a coastal or marine professional, always find the information you need for your work?**
- **Do your publications reach all the target user groups you would like?**

IMPEDIMENTS OF PRESENT KNOWLEDGE TRANSFER:

- **Understandable only for experts**
- **Sources dispersed, hard to find**
- **Coherence and comprehensiveness questionable**
- **Not always up to date**
- **Not always freely accessible**



wikipedia

- Globally shared internet encyclopaedia
- Improved, extended, updated by users
- Unrestricted access, unrestricted authorship
- Collaborative authoring
- Maintained by volunteers
- Neutral, objective
- Start in 2001, now 200 languages, over 2 million articles
- No quality labelling

Coastal Wiki

WHY:

- Science  specialised journals
- Knowledge transfer to non-experts
- Share experience among practitioners

WHAT / HOW:

- Wikipedia principles, but:
- Author acknowledgement
- Review by theme coordinators ENCORA
- Editing authorisation: national network check
- Category tree: coherence, comprehensiveness, overview

WHO:

- ENCORA members
- EU projects MARBEF, SPICOSA, CONSCIENCE, ...

COASTAL WIKI INTERNET ENCYCLOPAEDIA

- **Articles at different expert levels**
- **Links provide context, coherence**
- **Free access reading**
- **Continuous updates**
- **Collaborative writing**
- **Editing authorization**

THE COASTAL WIKI TARGET GROUPS

- **Policy makers**
- **Practitioners**
- **Scientists**
- **Students**
- **Public stakeholders**

COASTAL WIKI: ARTICLES ON

- **technical**
- **scientific**
- **managerial**
- **political**

aspects of coastal and marine management



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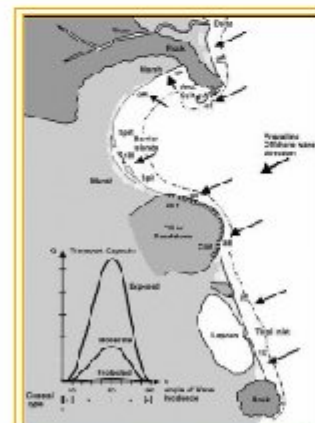
Main Page

Welcome to the Coastal and Marine Wiki, an Internet encyclopaedia of FREE information pages for and by coastal professionals providing up-to-date high quality Coastal and Marine information. More about the Coastal and Marine Wik

This weeks featured article

Classification of Coastlines

The general principles have been presented for the classification of coastal profiles. However, the type of coastal profile is not sufficient to characterise the coastal morphology or to evaluate the stability of the coastlines, as these conditions also depend on the longshore processes. The interaction between the longshore processes and the geomorphic geology, sediment supply, etc., results in the formation of different types of coastlines and coastal features. Therefore, in order to be able to make an overall evaluation of a certain site in relation to shoreline management activities it is so relevant to study the coastline features. This is done by dividing the coastlines into nearly straight sections and into special coastal features such as deltas, barrier islands, sand spits, etc. The nearly straight coastlines are subdivided into categories dependent on the angle of incidence of the prevailing waves and dependent on wave exposure. The geomorphological processes associated with these physical structures are also fundamental to the way in which the more dynamic habitats and ecosystems of coastal terrestrial areas and transitional waters develop. [More..](#)



A classification of coastlines and a presentation of morphological features.

Categories

- Natural environment
- Human activities
- Issues and impacts
- Areas and Locations
- Coastal management
- People and organisations

[\[+\]](#) Category:Coastal and marine system

The main author of this article is [Mangor, Karsten](#) Please note that others may also have edited the contents of this article.

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Main Page

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See also [Coastal Wiki: Why, What and for Whom?](#)

This is the common definition for Coastal Wiki, other definitions can be discussed in the article

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- 2 [Theme-wise development of the initial Coastal Wiki](#)
- 3 [How to contribute to the Coastal Wiki](#)
- 4 [How to edit](#)

Welcome to the Coastal Wiki, your guide to coastal knowledge and experience [edit]

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We invite coastal and marine practitioners, policymakers and scientists to contribute to this new concept in sharing European knowledge and experience in integrated coastal zone management. You may contribute in several ways: you may improve or

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Search results

For query "water quality"

For more information about searching Coastal Wiki, see [Searching Coastal Wiki](#).

Showing below up to **20** results starting with **#1**.

View (previous 20) ([next 20](#)) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#)).

Article title matches

1. [Water quality/pollution](#) (22438 bytes)
 - 1: ...nmental issues include the enrichment of enclosed **waters** with organic matter leading to [[eutrophication]...
 - 5: ...d in relation to land-derived pollution and **water quality**.
 - 10: ...ding fishing, impairment of **quality** of use of sea-**water** and reduction of amenities<ref> GESAMP (the Unite...
 - 13: ... increases the concentration of a substance in sea**water**, sediments or an animal above the background leve...
 - 24: ...tions, such as high temperatures and calm coastal **waters**.
2. [Sensors to measure environmental parameters automatically \(related to water quality, pigments, fluorometry, nutrients, etc.\)](#) (180 bytes)
3. [Water uses, and alternations in water quality and quantity](#) (5239 bytes)
 - 1: ...It**water** intrusion is particularly great for ground**water** aquifers on islands and coasts where these aquife...
 - 3: ...changing precipitation patterns. So many existing **water** shortages may increase.
 - 5: ...lution, nutrient flows, and the disposal of storm **water** and sewage and other urban wastes- particularly i...

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Water quality/pollution

Coastal and estuarine ecosystems have been, and still are, heavily influenced by the human species through pollution and habitat loss throughout the world. Examples of environmental issues include the enrichment of enclosed waters with organic matter leading to **eutrophication, pollution by chemicals** such as oil, and sedimentation due to land-based activities or sea-level rise due to the global climate. Over 80% of all marine pollution originates from land-based sources which are primarily industrial, agricultural and urban. Pollution accompanies most kinds of human activities, including offshore oil and gas production and marine oil transportation.

Contents [hide]

- 1 Background
- 2 Agriculture
 - 2.1 Eutrophication
- 3 Industry
 - 3.1 Organic synthetic substances
 - 3.1.1 Effect on wildlife
 - 3.2 Metals
 - 3.3 Radioactive substances
 - 3.4 Oil and gas and offshore installations
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- 5 References
- 6 See also

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Eutrophication

Definition of Eutrophication:

The enrichment of water by nutrients, especially nitrogen and/or phosphorus and organic matter, causing an increased growth of algae and higher forms of plant life to produce an unacceptable deviation in structure, function and stability of organisms present in the water and to the quality of water concerned, compared to reference conditions^[1]

This is the common definition for Eutrophication, other definitions can be discussed in the article

Eutrophication involves the enrichment of water by excess [nutrients](#). It can cause serious problems in the coastal zone through disturbance of ecological balances and fisheries, and through interference with recreational activities and quality of life.

Eutrophication is the result of an anthropogenically induced alteration of the global nitrogen cycle, and just like climate change, should be regarded as a "global change". Eutrophication is usually treated scientifically and for management as a local and regional phenomenon. Coastal regions throughout the world and Europe are affected by eutrophication.

Contents [hide]

- 1 What is eutrophication about?
 - 1.1 What are we really talking about?
- 2 Some definitions:
- 3 Effects of Eutrophication
 - 3.1 General effects
 - 3.2 Primary and Secondary Effects



EDITING AUTHORIZATION

Contact: info@encora.eu

⇒ registration in ENCORA Contact Database

⇒ login account



THE COASTAL PORTAL

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No page title matches

Page text matches

1. [Main Page](#) (8008 bytes)
4: You may find information on any coastal **topic** by entering a corresponding term in the search wi...
6: ... page to an existing article or you may add a new **topic** .
2. [Theme 4](#) (6081 bytes)
78: *[[[Pollution themes|Access by **topic**]]] : impacts, assessment techniques,...
88: * [[http://www.who.edu/institutes/coi/**topic**Index.do?o=read&id=9](http://www.who.edu/institutes/coi/topicIndex.do?o=read&id=9) Coastal Pollution Information...
3. [Index of vulnerability of littorals to oil pollution](#) (15369 bytes)
435: ...evaluate because of the lack of knowledge on this **topic** . We consider it as minimal for exposed beach (E=1...
4. [Models](#) (1095 bytes)

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B     **A**       



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- **a broader audience for your research results**
- **share your experience with practitioners world-wide**
- **get in touch with colleagues on similar topics**
- **join in collaborative writing teams**
- **become a broadly-known expert in your field**



**WE WELCOME YOU AS
A COASTAL WIKI USER
AND AUTHOR

THANK YOU!!**