

Biannual Reporting National Branches and Advisory Board to the EUCC Council meeting at Littoral 2010

EUCC NATIONAL BRANCHES :

1) EUCC GERMANY:

- Six running projects, see:

http://www.eucc-d.de/plugins/eucc_deutschland/projekte.php?1=1.

The most important are:

- ARTWEI <http://www.balticlagoons.net/artwei/> (joint initiative of Baltic EUCC-branches)
- BaltCica <http://www.baltcica.org/>
- RADOST <http://www.klimzug-radost.de/>;

- Ongoing further development of all databases:

<http://databases.eucc-d.de/plugins/pictures/index.php>;

- Bi-monthly newsletter (1300 subscribers)

- The journal Meer & Küste

http://eucc-d.de/plugins/kuestenmanagement/zeitschriften_meer_und_kueste.php;

- Summer school "Climate Change in the Baltic: From global problems to local adaptation" (24 participants from 16 countries);

- Springer book "Global Change and Baltic Coastal Zones" to be published late 2010;

- The foundation of a North Sea working group.

Annual reports could be found on:

http://www.eucc-d.de/plugins/eucc_deutschland/jahresberichte.php

Coastal education and the development of online learning modules will be an important activity during the next years. Projects in Germany and together with Ghana and Yemen are under discussion. We hoped to discuss this with you during your (now cancelled) visit in Germany in Sept.

2) EUCC BALTIC STATES OFFICE:

Office projects (2008–2010). Lead partner / Coordinator:

Project title:	Geothermal Energy for Rural Municipalities and Estates		Sector:	Attractive Living Environment and Development of Sustainable Community	
Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) ¹	Amount contributed (by donor)	Dates (from dd/mm/yyyy to dd/mm/yyyy)
Latvia – Lithuania	194'000	EUCC Baltic Office	EU Latvia – Lithuania Cross-border Cooperation Programme	164'900	18.06.2010-28.02.2012
Objectives and results of the action	Project objective is to develop a cross-border cooperation platform and necessary know-how for the deep geothermal energy utilization in small rural municipalities and estates of Klaipeda County and Kurzeme region. Project sub-objectives: 1) Produce a joint cross-border strategy for the deep geothermal energy utilization in the target area, including a cross-border strategic environmental impact assessment; 2) Raise public awareness and knowledge in the target area on the deep geothermal energy utilization. Results of the action are: a joint cross-border strategy for the deep geothermal energy utilization in small rural municipalities and estates of Klaipeda County and Kurzeme as a single cross-border region, cost-benefit analysis, technical feasibility case studies.				
Project title:	Shallow migration corridor management in the Nemunas Delta		Sector:	Nature Conservation and Sustainable Development	
Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) ²	Amount contributed (by donor)	Dates (from dd/mm/yyyy to dd/mm/yyyy)
Lithuania	140'000	EUCC Baltic Office	UNDP GEF Small Project Fund	70'000	20.11.2006-20.02.2009
Objectives and results of the action	The project was aimed to solve the problems of loss of valuable spawning and valuable habitats for waders due to their overgrowth with reed and cattail. Also the project was aimed to solve the problem of poaching and illegal fishing in the Curonian Lagoon and Nemunas delta by local community efforts. Results of the action are: 1) At least 5 families of local communities started providing angling tourism services; 2) Nature management plan for Kniapuo – Purvalankio – Krokų Lankos area ensures implementation of the measures anticipated and suggested by the project team and local community; 3) Geographical Information System of the Nemunas Delta and the Curonian Lagoon for the purposes of nature conservation and angling; 4) Sustainable programme for angling to ensure protection for the shallow-water fish migratory corridors; 6) Sustainable angling marketing study for the Nemunas Delta.				

Partner responsible for a key component

¹ If the Donor is the European Commission or an EU Member State, please specify the EC budget line, EDF or EU Member State.

² If the Donor is the European Commission or an EU Member State, please specify the EC budget line, EDF or EU Member State.

Project title:	Action for the Reinforcement of the Transitional Waters' Environmental Integrity		Sector:	Attractiveness and Common Identity	
Location of the action	Cost of the action (EUR)	Lead manager or partner	Donors to the action (name) ³	Amount contributed (by donor)	Dates (from dd/mm/yyyy to dd/mm/yyyy)
Lithuania , Russia, Poland, Germany , Sweden	304'000 (EUCC Baltic Office part)	Klaipėda University	South Baltic Cross-border Cooperation Programme 2007-2013	258'400	01.03.2010-28.02.2013
Objectives and results of the action	Project objectives: 1. Deliver adequate frameworks, methods and instruments addressing the specific regional needs for the cooperation on management and maintenance of environmental integrity of the South Baltic Transitional Waters (SBTWs). 2. Improve capacities of relevant public, private and non-governmental institutions in the proper management and maintenance of the environmental integrity of the SBTWs. Key results: 1. Web-based interactive knowledge development and exchange platform with a webGIS and other ICT tools created and introduced. 2. Good Practice Code of Conduct for proper management and maintenance of the environmental integrity of the SBTWs. 3. Improved capacities of regional authorities, major energy generation, seaport and water management companies and non-governmental environmental organizations (at least 21 stakeholder institutions in 6 countries) in management and maintenance of environmental integrity of all the cross-border SBTW areas: Curonian Lagoon (LT/RU), Vistula Lagoon (RU/PL), Odra Lagoon (PL/DE), and Oresund Sound (SE/DK).				

3) EUCC FINLAND:

EUCC Finnish contact point

Activity report 2009/2010

As the Finnish EUCC contact point is located in SW Finland, the emphasis of this report is on the activities and developments in that region, namely the coasts and catchment areas of the Bothnian Sea and the Archipelago Sea.

In Finland the reporting period has been characterised by change. The global economical situation has led to decreasing resources in practically all sectors of the society. This has also had a negative effect on the coastal and marine work, especially international cooperation. The other, even bigger change was the reorganization of the regional governance in Finland. The regional environment centres that have previously been the responsible regional authority regarding environmental issues was joined by the Road Administration and the Employment and Economic Development Centre to form a new regional authority, the Centre for Economic Development, Traffic and the Environment

³ If the Donor is the European Commission or an EU Member State, please specify the EC budget line, EDF or EU Member State.

(ELY-centre). This merger raised also some criticism regarding the future role and significance of environmental issues in general.

An unofficial "Year of the Bothnian Sea" was organized from summer 2008 to autumn 2009. The aim of this project was to increase awareness on the Bothnian Sea and its coasts. It featured over 200 environmental and cultural events. During the year a regional advisory group for marine underwater biodiversity issues started its work in the region. This was the last to start of the five similar groups on the Finnish coasts, and it is connected to the national programme VELMU, aiming at gathering information of the marine underwater habitats and biodiversity. Also regarding the Bothnian Sea coast, the Regional Council of Satakunta had a kickoff seminar for the regional ICZM process. As a result of an another, longer process, a decision in principle was taken by the Council of the State to establish a national park on the Bothnian Sea coast.

The two regional catchment and coastal area forums have continued working with main focus on implementation of the regional WFD plans. The forums will be connected also to the regional planning and implementation of the Marine Strategy Directive. Forums' coordination has suffered from a lack of resources, but has applied for and received funding from the EU Agricultural funds for a three-year project with a budget of over three million euros. Apart from WFD implementation the project does also planning of the management of Natura 2000 sites and integrated planning of the use of shore resources with focus on reed bed management.

As a result of an international Baltic Sea Action Summit (BSAS) held in Helsinki in early 2010 the Finnish government made a commitment to work for achieving the good status of the Archipelago Sea by 2020. An expert working group led by former Prime Minister Matti Vanhanen will produce a roadmap in early 2011 to achieve this goal. However, the main task of the group is to make Finland a model country of nutrient recycling.

Ongoing projects connected to the Finnish EUCC contact point:

Project title	Time scale	Budget
Developing cooperation and civic activity in water management in Satakunta region (SATAVESI forum)	2008 – 2010	€ 270 000 (ERDF)
Developing cooperation and civic activity in water management in Southwest Finland (Pro Saaristomeri forum)	2008 – 2011	€ 100 000 (national funding)
Activating water and environment-related entrepreneurship in Southwest Finland	2009 - 2010	€ 100 000 (EAFRD)
Local and regional implementation of water and natural resources management in Southwest Finland (VELHO)	2010 - 2013	€ 3 million (EAFRD)

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4) EUCC FRANCE:

EUCC-France activity report 2008-2010

Website: <http://www.eucc.nl/fr>

EUCC-France developed its activities during the last two years. The association has strengthened its relationship with the MedCenter and initiated common projects with the RFRC (national ICZM-network built in the framework of ENCORA). EUCC-France is now better known than before in France and this is a positive result.

January 2008-May 2010 activity

Field workshops

As usual since 2000, EUCC-France has organized field workshops in French coastal areas of special interest with regard to integrated management, with scientists, elective representatives, managers and all involved stakeholders:

March 2008. Saint-Jean-de Monts and Saint-Hilaire-de-Riez (Vendée). Main topics: sandy beaches management, beach cleaning (report on EUCC-France Website)

October 2008. Guéthary (Pyrénées-Atlantiques). Main topics: erosion, coastal water quality and ICZM of the Basque coast (report on EUCC-France Website). Guéthary was the first French candidate to be selected for the Quality Coast label in 2010.

April 2009. Carry-le-Rouet, "Côte Bleue" (Bouches-du-Rhône, Mediterranean coast).

Main topics: coastal cliff instability, marine erosion, coastal water quality, risk management, marine and harbour management (report on EUCC-France Website)

October 2009. Molène Island (Brittany). Main topics: island constraints, protected marine area and sustainable development, Iroise Natural Marine Park (Marine Protected Area).

April 2010. Thau lagoon (Hérault, Mediterranean coast). Main topics: water quality and sustainable development (mussel-farming, fishing, tourist-activities), ICZM on a territorial scale, strategy of the "Conservatoire du Littoral"

May 2010. *European Maritime Day*, Biarritz, Bidassoa Bay (Pyrénées-Atlantiques). Main topics: hydrology and sediment supply in a small estuary, water quality. The workshop closed with a public discussion on the role of the civil society and scientific community on coastal policy (meeting organized with the RFRC).

Main innovations for the last 2 years:

- EUCC-France has worked to integrate marine issues to coastal areas workshops;
- In 2009, EUCC-France introduced a system of evaluation of each field workshop;
- In 2010, EUCC-France added a third workshop in the year.

Roland Paskoff / "Foundation Procter & Gamble" thesis award

Thanks to the Conservatoire du Littoral and Procter & Gamble Foundation for Coastal Conservation, EUCC-France rewards every two years an outstanding PhD thesis dealing with the relationship between man and nature in coastal areas (detail on EUCC-France Website). The thesis, fitted to be accessible to unspecialized readers, is published by Harmattan, in the series "*Milieux naturels et sociétés*". In 2009, the jury selected Pierre Stéphan's thesis "*Flèches de galets de Bretagne : morphodynamiques passée, présente et prévisible*" (Pebble spits in Brittany: past, present and future morphodynamics). The book is being to be published at the end of 2010.

Publications

"*Les ateliers d'EUCC-France. De la connaissance des systèmes littoraux à la gestion intégrée des zones côtières*" (EUCC-France workshops: from knowledge of coastal systems to ICZM) (eds: Battiau-Queney Y. & Clus-Auby C.). This book (180 p., 93 fig.

in colour) will be published in September 2010, thanks to a corporate sponsorship. It is a digest of the "savoir-faire" of EUCC-France in ICZM and sustainable development, through ten years of field-workshops. As it is intended first to French managers, decision-makers and coastal stakeholders, it has been written in French, but English abstracts and figure captions have been added.

Participation and oral contribution of EUCC-France members to national and international meetings and conferences

Lille, January 2008; Venice: Littoral 2008; BioMarine, Marseille, November 2008; "Littoral aquitain", Moliets, June 2009; Medcoast 09, Sochi; Estoril ICCCM 2010; London: Littoral 2010.

Cooperation with the RFRC (Réseau Français de Recherche Côtière)

Project of e-learning on the effect of climate change in coastal areas (with the Med Center) (on-going).

OURCOAST: checking and English translation of 19 files prepared by the CETMEF (Centre d'Etudes Techniques Maritimes et Fluviales) (February-August 2010)

Agreement given to EUCC-France by the French Government to organize training sessions for elective representatives involved in coastal areas (April 2010).

Communication tools:

EUCC-France Website was developed (April 2008) to offer a better overview of the activities of the French branch. Workshop reports and information on forthcoming activities are available on this webpage, proposed in four languages (French, English, German and Spanish). New brochures (French & English) can also be downloaded on this website.

EUCC-France projects 2010-2012

EUCC-France will continue its main activities and reinforce its role in France to promote integrated management and sustainable development of coastal and marine areas. EUCC-France intends to participate more actively to European programs with the help of the Coastal and Marine Union (EUCC) and the financial support of the French Ministry of ecology, energy, sustainable development and sea (MEEDDM).

Field workshops:

7-8 October 2010: Canche Bay (North of France): Bay contract, marine protected area, water quality, ICZM on the scale of an estuary, responses to coastal erosion and marine submersion.

2011. Three workshops are planned: Reunion-Mayotte (French departments in the Indian Ocean); Noirmoutier (Vendée), final event of a LITEAU project; Sillon du Talbert (Brittany), a site of the Conservatoire du littoral.

2012: planned workshop in Arcachon bay. Other projects have to be confirmed (Nice area, Normandy cliffs, ICZM in Corsica...).

Training sessions for local authorities (agreement of the French Government).

This activity will start soon, first in Nord-Pas-de-Calais and Aquitaine. Simultaneously EUCC-France intends to give advice to local managers, elective representatives and various stakeholders.

2011 Roland Paskoff / Foundation Procter & Gamble thesis award

5) EUCC MALTA:

By: Foppe J. Seekles
Our team: Dr. Marlyse Cremers, President
Foppe J. Seekles, Executive Director
Dr. Alan Deidun, Coordinator

From the start until Summer 2010

During the initial period of EUCC Malta the strategy was targeted at the awareness of the existence of EUCC as an experienced international organisation and EUCC Malta as the national branch.

In the past almost 2 years, Marlyse and Foppe started to present EUCC Malta to the national government, European representatives, representatives of NGO's, companies involved in or facing international/EU projects, embassies, and to key people who could help us setting up the contact network. This is not to be underestimated because of the general feeling in Malta that the Maltese have enough experience and do not need any assistance or even cooperation. More concrete, people like: President Abela and his advisors; Ministers like Pulicino and Fenech; Ambassadors of Netherlands, Belgium, France; Ambassador of Malta to the EU and Belgium; Head of the Representation of the EU Parliament in Malta Dr. Vassallo; Head of EC representation in Malta Dr. Drake; the CEO's of EMASC (Dr. Grech), Go, BOV; Rotary Malta; several foundations; Executive President of Nature Trust Malta, Oceanographic Institute in Malta; University Malta; CIP Malta Mr. Fernandez Alvarez. EUCC Malta is represented by Dr. Deidun at the CIESM Conference in Venice in May 2010. Articles were published in the Times of Malta. The general reaction of people, hearing about EUCC and the vast experience available, is now: "we need you here in Malta". The next step is logical: EUCC Malta is looking for partners to cooperate in projects. The first step was the support of a research project, carried out by the Oceanographic Institute "**DISTRIBUTION AND BIOLOGY OF TWO SYMPATRIC PHALERIA SPECIES ON MALTESE SANDY BEACHES**"

Strategy 2010-2012

During the team meeting in June, EUCC Malta we decided to:

- An active approach of local governments on the subject of "Quality Coast"
- To work on an effective cooperation within MedCentre
- To look for partners to work out an EU funded project
- To implement an effective cooperation with Nature Trust Malta
- To implement an effective cooperation with the Oceanographic Institute in Malta
- To implement an effective cooperation with commercial partners like EMASC

6) EUCC NEDERLAND:

Overview of the activities of EUCC – NL (Kust & Zee) over the period 2009-2010:

- 2009: 'Duinen voor iedereen' (Dunes for everybody)

The Dunes for everybody was a project to engage more awareness around the dunes in the South of Holland especially for migrants from The Hague. To get them more into the dunes and experience the dunes on their own and from a different perspective than how they used to.

- 2009 - 2010: 'Groenten van de Kust' (Vegetables from the coast)

This project presented different vegetables which are able to grow on a silt ground. Cause maybe in a few years because of climate change a lot of the ground will be filled

with silt water. The project was especially meant to educate people about the options in this sector which are already available.

- 2009 – 2010: Dolphin by-catch mitigation project

In the so called Dolphin Saver or "Pinger" project (named after the acoustic device: pinger) a 2nd generation long life Dolphin Saver has been developed to test how and if they could be used by fishers in their nets to send out signals who will chase away dolphins (Harbour porpoise). This method has been tested so that dolphins will no longer be subject to by catch.

- 2009 – till present: Kust & Zee Business Club

The Business Club of Kust & Zee is being set up to help entrepreneurs in their ambition towards corporate social responsibility. Therefore meetings will be organized in which companies could learn more from best practices and examples of corporate social responsibility along the Dutch coast and North Sea.

- 2009 – till present: Mosselwad

The Coastal & Marine Union (EUCC) has been granted €6 million for the recovery of mussel beds in the Dutch Wadden Sea. This was announced on 30 May by Environment Minister Mrs. Jacqueline Cramer. Most of the money comes from the Dutch Waddenfonds, whilst 10% comes from the Directorate-General for Public Works and Water Management (Rijkswaterstaat) and the provinces Friesland and North Holland. EUCC will implement this project together with IMARES (Wageningen UR), NIOZ and SOVON (both Texel), NIOO-CEME (Yerseke) and Utrecht University. The project is named MOSSELWAD and ends in 2014. Within the MOSSELWAD project new experimental mussel beds will be constructed and the development of recovering mussel beds will be followed during a four year period. The project will look at stability, biodiversity, sediment transport and the importance of wading birds. In this framework, EUCC will actively seek co-operation with other projects and research activities in the Wadden Sea.

- 2010 – till present: Kust en Zee Markten (Kust & Zee Fairs)

To develop at least three local sustainable products per three different coastal municipalities in which the different targets are represented.

- 2010 till present: Duik de Noordzee Schoon and from now on: 'Netjes in de Noordzee'

In Duik de Noordzee schoon (Dive the Northsea clean) EUCC-NL cooperates with divers, anglers, fishers and other users of the sea to clear ship wrecks in the North Sea. Wrecks are nurseries for fish, crabs and other marine life. A lot of fishing gear (nets and lines) gets stuck on these wrecks and because of that fish and other animals are captured in these lines. Angling results in an annual loss of 1,000 tonnes of lead around wrecks in the Dutch part of the North Sea alone

Kust & Zee and the dive organization Get Wet work together in this project to create awareness and solutions to overcome these problems.

Leiden, 9 Sept. 2010

7) EUCC POLAND:

**Overview for activities realised by
Society for The Coast (EUCC – Poland)
2009 – 2010**

Society for The Coast (EUCC-Poland) was registered in 1996, as NGO with main aims concentrating around the problems as: integration of bodies and individuals working for coastal conservation, realization and implementation the best methods of active nature conservation in the scale of coast, coastal education and consulting in solving coastal management problems connected with nature and sustainable development.

Last years including 2009 – 2010 have given opportunities to concentrate on the subjects of active nature conservation and education.

That is why the mission of Society for The Coast (EUCC-Poland) can be described as “coming back to the beginnings of EUCC – The Coastal Union”, where and when “coastal conservation” had a real priority.

In the years 2009 – 2010 the following groups of activities have been realized:

1. Land purchasing in the region of Odra delta
2. Realising the implementation of Natura 2000 in the coastal zone
3. Education addressed for various groups of interest in coastal zone
4. Participation in national and international activities in coastal zone

1. Land purchasing in the region of Odra delta:

During the mentioned period the great mission of land purchasing in the region of Odra delta has been realized and as fulfill actual projects, finished. Thanks to the support from EECNET Action Fund, Society has been able to purchase together about 1.000 ha of the valuable areas of coastal meadows located around Szczecin Lagoon for last more than 10 years. Thanks to that implementation of creating the model area for sustainable development, including tourism, agriculture and education has been possible, but the most important is still keeping the very high biodiversity and establishing semi-natural conditions characteristic for such a biotopes.

2. Realising the implementation of Natura 2000 in the coastal zone:

The most important activities for years 2009 – 2010 has been concentrated around problems of practical implementation of Nature 2000, where our areas are a kind of “open laboratory” Thanks to the project “Park for People, People for Park” on the areas belongs to the Society (which from 2005 are known as “Odra Delta Nature Park”) zoning, facilitating and sustainable development are implemented. Proper water management, education, preparation for ecological recreation and involvements of local inhabitants are the main subjects of these activities.

Also Society is actually actively involved in preparation strategy of tourist development in local communities around Polish part of Odra estuary.

3. Education addressed for various groups of interest in coastal zone:

There were many activities undertaken by Society’s Team during the mentioned period. From them the most important seems to be the following:

- i. Publishing book, guidebook, leaflet and realizing radio and TV programmes about nature conservation of coastal zone,
- ii. Realising the national Project “*Living Natura 2000*” addressed for village mayors and local stakeholders,
- iii. Realising the Polish-Dutch project “*WE – young people see the nature*”, where the selected groups of children from both countries can learn the nature conservation and photography basics,
- iv. Establishing a new visiting place (terrain education station) on the boundary of owned lands
- v. Organising guided tours on owned nature valuable lands.
- vi. On the areas of Odra Delta Nature Park during 2009 – 2010 have been realized about 5 master degrees and 3 PhD degrees.

4. Participation in national and international activities in coastal zone:

The members of the Society have been participating in more than 10 conferences, meetings and seminar connected with coastal conservation and management, usually with presentations or lectures.

Actually Society for The Coast is a small group of working people, however about 50 persons representing the most important bodies involved in coastal management and sciences are registered.

The most important problem is lack financial sources for development of undertaken and necessary activities as well as lack of people, who would be able to work for the Society. Unfortunately there is observed a "national" tendency to dramatically decreasing number of volunteers up to 30 % compare to years 2000- 2005. However Society for The Coast (EUCC-Poland) is under preparation to EU *LIFE+* Project connected with keeping high biodiversity and sustainable nature using on the regional scale Szczecin Lagoon (Odra delta) east part.

8) EUCC PORTUGAL:

EUCC-Portugal during 2008-2010 was involved with the preparation of ICCCM10 in Estoril. For that reason no other activities were developed.

For 2010-2012 we will be also involved in helping the organization of ICCCM12 in Biarritz, and maybe we can plan something else, but I don't want to promise anything else.

9) EUCC BIENNIAL REPORTING:

DANCORE Activity Report 2009-2010

As of 1 March 2009, DANCORE became the Danish branch of the EUCC after the ENCORA project had come to an end. The aim of DANCORE is to act as a multi and interdisciplinary forum as there is a growing awareness among professionals of the need for and value of having a broad network. This is sought by organising national events, submitting quarterly newsletters and maintaining an updated website.

DANCORE currently has 240 members from a broad range of institutions, agencies, universities and private companies, of which 36 subscribe to an EUCC membership.

DANCORE focuses on four themes:

- Coastal Processes
- Marine Biology
- Oceanography & Marine Environment
- ICZM & Shoreline Management

The DANCORE steering group meets approx. 3 times a year and consists of:

- Ida Broker, Chairman and overall Coordinator (DHI)
- Aart Kroon, Vice Chairman and Coordinator of ICZM (University of Copenhagen)
- Jacob Tornfeldt Sorensen, Coordinator of Oceanography (DHI)
- Nicholas Grunnet, Coordinator of Coastal Processes (DHI)
- Ditte Mikkelsen, Coordinator of Marine Biology (Ramboll)
- Karen Edelvang (Geological Survey of Denmark and Greenland)
- Per Sorensen (Danish Coastal Authority)

The following activities were organised during the period March 2009-September 2010:

Danish Coastal Conference, 21-22 September 2009

Coastal climate adaptation was the theme of this very popular event, which reached the maximum number of participants – 150 – from institutions, agencies, universities and private companies. The conference was organised by the Danish Coastal Authority, PIANC Denmark, DANCORE, the Danish Ports Organisation and the Danish Municipalities. The conference was held in a low-lying area threatened by flooding which was the perfect

setting to inspire discussions. The success of this event has led to the plans for repeating this type of broad conference every second year.

Young Professionals Day, 6 November 2009

Postdocs, PhD fellows and young researchers from various Danish research institutes and universities presented the results of their ongoing work on a wide variety of coastal subjects. The event was organised by DANCORE and the Dept. of Geography and Geology, University of Copenhagen.

Seminar on the Fehmarn Fixed Link, 7 June 2010

The seminar aimed at providing the participants with an overview of the ongoing environmental investigations.

International Ph.D. Summer School on Coastal and Estuarine Morphodynamics and Young Professionals Days, 21-28 August 2010

This event was a combination of two Young Professionals Days followed by an international Ph.D. summer school. During the Young Professionals Days results of Ph.D. and Postdoc research within "Coastal and Estuarine Morphodynamics" were presented. The summer school was a combination of lectures and field work. The event was organised by DANCORE and the Dept. of Geography and Geology, University of Copenhagen.

Newsletters

Quarterly newsletters were disseminated to our 240 subscribers.

ADVISORY BOARD:

I. Roger Longhorn: Information Policy

As I will not be able to make Littoral 2010, I would like to inform the EUCC Board/Council members that we are well on the way with planning for the International Coastal Atlas Network - 5 meeting to be held here in Oostende from 31 August 2011 to 2 September 2011, to be followed immediately by CoastGIS 2011 on 5-8 September, also here in Oostende.

CORILA are helping me with CoastGIS 2011 preparations, including publication of proceedings, web site, communication activities, etc.

Stefania De Zorzi and an IT colleague have been with me here in Oostende this week, until today. VLIZ plus UNESCO IOC IODE Project will (most likely) be the joint co-sponsors. They (CORILA, VLIZ and IOC IODE) are also all active in ICAN via the Venice Lagoon Atlas, Belgian Coastal Atlas, and the Caribbean and African Marine Atlas projects, respectively.

We met with Kathy Belpaeme to discuss ICAN-5 preparations - as this will probably fall on our joint shoulders, since (a) it is in Oostende and (b) I am also co-Chair of the ICAN Steering Committee - plus the link to the CoastGIS 2011 programme. I plan to have a leaflet (1 A4 page, two-sided, one side for each event) ready for distribution by Ned Dwyer at the European ICAN workshop meeting being held in London on 20 September and for distribution at Littoral 2010, generally.

We are looking for some exciting new 'themes' for CoastGIS 2011 to accompany the wide-ranging coastal/geomatics themes advertised in the past conferences. One will probably be a thread on coastal atlas networks (as many of the people coming to CoastGIS will not participate in the ICAN-5 meeting), plus our 'usual' coastal/marine SDI (a theme now since 2005) and "coastal/marine data in INSPIRE", plus something focusing on "small island nations". Any other ideas from EUCC members are most welcome.

EUCC will be one of the 'sponsors' of both events.

As this will be the 10th CoastGIS Conference (first was at UCC in Cork in 1995), I hope to make it one of the largest and best, as well - which is why I'm cutting back on some of my activities for 2011 in order to concentrate on this. With good weather and 500+ Belgian beers to sample.

CORILA will have the new CoastGIS web site up by the end of August, from which point we will begin publicising info about the event(s).

I have spoken with David Green (on CoastGIS committee, as a co-founder of the conferences) on a special issue of the Journal of Coastal Conservation (JCC:PM) devoted to selected peer-reviewed papers from the conference.

II. Robbert Misdorp: ICZM, international

Two activities and some suggestion for discussion during the Littoral 2010 meeting.

Activities:

1. WeBSeaCo (Western Black Sea Coast) project is being prepared. This project 2010 – 2015 is an integrated, cooperative coastal programme involving the countries Romania, Bulgaria and Turkey. The three main project components contribute to the actual cleaning of coastal waters of the western Black Sea, restoring coastal towns and promoting sustainable beach tourism. EUCC is the lead organisation, including its branches: Black Sea Coastal Centre and Mediterranean Sea.

The project is 'designed' to introduce the holistic integrated approach at a high level of abstraction with simultaneously execution of 'cleaning and restoring', down-to-earth activities, mixing international, national and local cooperative levels.

The project is stepwise structured: QC proposal for Romania Coast – 2010, for Turkey 2011 and Bulgaria 2012. The QC awards will facilitate funding for the three main project components.

The 2010 project activities encompasses: two visits to Romania, preparing the Romanian QC and a 'very quick scan' on Sources and Pathways of Contaminants.

The 2010 achievements include: written appreciation by the DG of Romanian Ministry of Development and Tourism and two mayors of Romanian coastal towns, and the involvement of a Dutch Waterboard, a coastal city, a College (two trainees), and interest by national and international funding organisations.

2. CCC ('Climate of Coastal Cooperation') – Book and Internet production providing an overview of

- A number of coastal cooperative project activities in Europe and Asia executed in an integrated frame,
- A description of some planning tools and examples of innovative adaptive coastal measures,
- Some free-of-charge downloadable coastal training manuals and demo's of GIS based ICZM planning tools and relevant PDF reports.

EUCC is involved in the production of the CCC – publication.

Status: the CCC publication will be ready during the autumn of 2010.

Suggestions for Littoral 2010 discussions

The difficult transition from *integrated* planning to execution of sustainable coastal measures by '*sectoral oriented contractors*', and involving in general large sums of money and totally different types of persons, may be facilitated by:

- The simultaneously mixing of international, national and local levels of institutions (authorities and scientists) based on commitments during the planning ICZM phase safeguarding vertical integration;
- The early preparing the funding for the execution phase, and
- Stimulating the national government in executing its responsibilities: providing funding and knowledge on coastal processes in order to execute sustainable measures;
- The separation of the integrated planning and sectoral operating contractors of coastal measures.

Two examples: i) Do not bother a dredger with holistic approaches but provide him with the clear conditions to environmental friendly dredging based on national spatial planning and environmental regulations, EIA's and EU Directives. And provide the responsible organisation commissioning the dredger with the need for compensation in case of irreversible damages, based on the same national and international regulations.

ii) Provide solutions instead of prohibiting provisions, example:

destructive fishing in Thailand: solution through firm co-management (co = government + fishermen) directed at restoring the (remaining) Thai fish stock, through generating alternative sources of income for some fishermen, provide awareness for the young generation, and that all in combination with one prohibition: to stop the most destructive form of fishing. Such a set of co-management measures cost a long breath and is costly, but at the end will deliver positive economic results in the sense of restoring valuable commercial fish stocks and increasing marine biodiversity, as shown in long term artificial reefs experiments in Tamil Nadu (India).

NGO's play a valuable role in large scale, effective co-management approaches, to be supported by governmental enforcements (Navy) actions in open seas preventing destructive fishing.

Increased efforts for economic valuation of biodiversity, through for instance sustainable fishery and tourism income (Seychelles) and also related to compensation (Rotterdam – Maasvlakte 2), may be a promising field for future EUCC activities.

III. Magdalena en A K Muir, Climate change

2008 – 2010 Engagement

Electronic, written and in person communications on climate, coastal and marine issues with EU, regional, national and local governments, and coastal and marine stakeholders. Direct participation in EU meetings and consultation on climate, coastal, marine issues including EU white paper on adaptation to climate change.

Participation, presentations and contribution to climate policy documents and regional and UN level meetings on climate, coastal and marine issues (Global Oceans Conference, United Nations Economic Commission for Europe, World Bank, Intergovernmental Panel for Climate Change etc.)

Advise and develop aspects of involvement in marine and climate issues at European and local level, particularly focusing on climate adaptation and mitigation including: impacts of climate change on coastal and marine ecosystems, offshore renewable energy, development of offshore grid, marine spatial planning, marine methane hydrates, fisheries, carbon sequestration in coastal and marine environments, eutrophication, climate migration.

Advise and with EUCC staff and organizations to develop regional EUCC climate initiatives (i.e., Arctic, Baltic, Black and Mediterranean coasts and seas).

Active involvement and support of EUCC projects on climate issues and topics.

Active editorial and writing function for European and Mediterranean newsletters.

Substantial contribution (four draft articles, three final articles, graphics and editorial

focus with Coastline issue focused on climate change). Targeted research and publications on climate, coastal and marine issues.

2010 – 2012 Involvement

Similar activities to the 2008 to 2010 period, but with shifting focus and emphasis which will be discussed below. With impasse of global climate negotiations and unlikely near term resolution, foresee EU emphasis over this period will shift to ecosystem and socio-economic adaptation to climate changes for European coasts and seas and adjacent regions; and EU mitigation efforts for these coasts and seas that are justifiable for other reasons (cultural, socio-economic, security etc.).

In addition to ongoing EU adaptation efforts, this means a growing focus in efforts on EU mitigation through: carbon sequestration in coasts and seas ("blue carbon"); marine spatial planning and links with ICZM, coastal and marine renewable energy and grid infrastructure; built environment and urban settlements; agriculture, fisheries and tourism; transboundary water management, climate migration etc..

Specific and targeted international, EU and regional involvement, including where developing and supporting EU projects involving climate (i.e., Mosselwad and Texel meeting)

I am very interested in developing EUCC and ECNC joint policy positions and projects in relation to adaptation and mitigation to climate change, biodiversity, carbon sequestration, urban settlements, water etc.. Given EU and regional level of many climate issues, this seems to be a good area for cooperation.