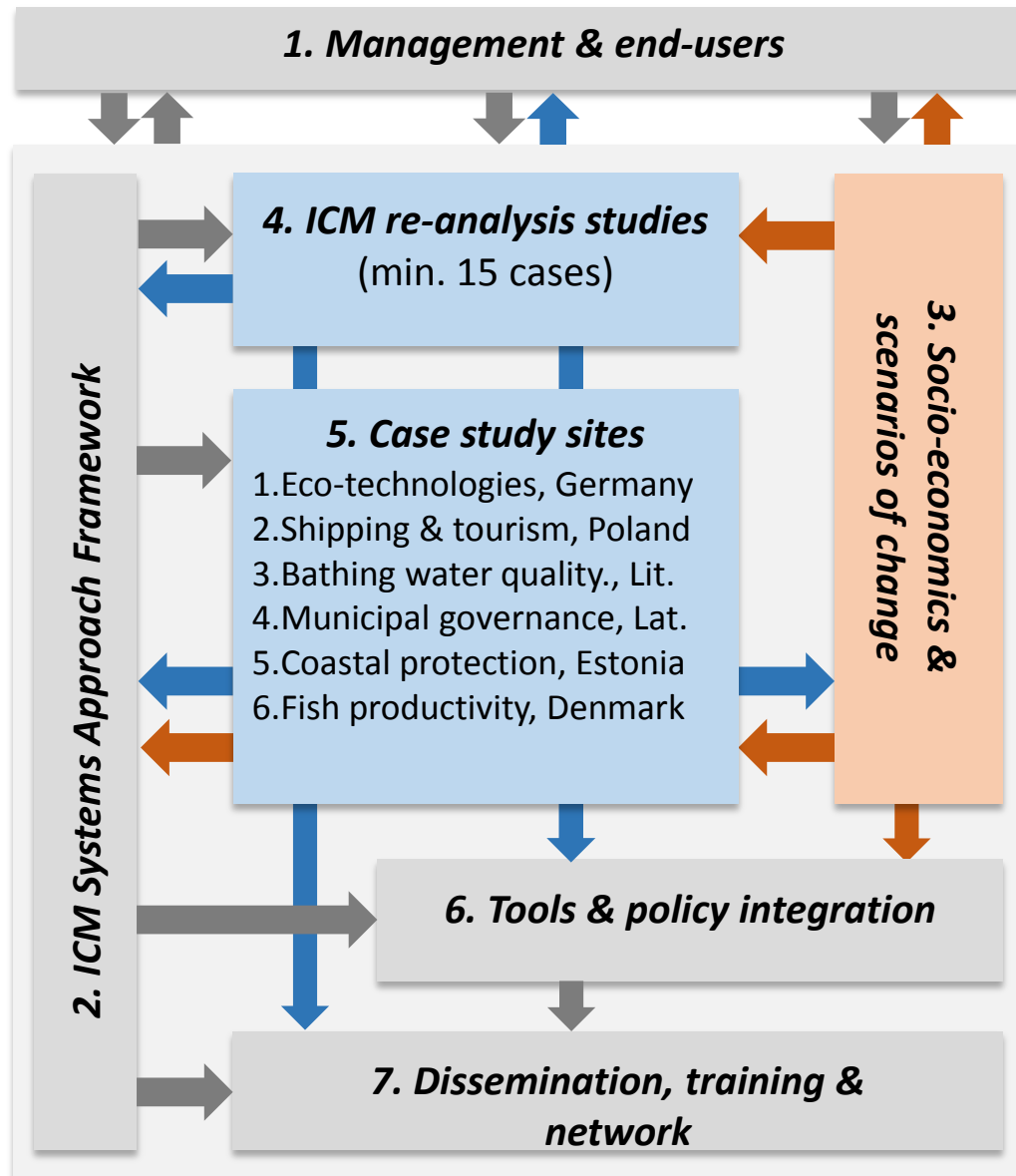


WP7. Dissemination, training and network

**A Systems Approach Framework
for Coastal Research and Management
in the Baltic**





Foreseen activities

7.1. Dissemination -> lead IOW

Provision and implementation of a dissemination and media concept for the project and development of synergies with other projects

7.2. Capacity building and training -> lead KU

Development and implementation of a training and capacity-building programme building upon existing activities

7.3. Baltic ICM Network -> lead IBW

Development of durable Baltic ICM network linking science and practitioners



Task 7.1 Dissemination

Aim

- Dissemination of project progress and results
- Awareness raising about coastal problems and ICM challenges
- Promotion of SAF as possible solution

Target group

- Scientists
- End users, authorities
- Funding organizations
- Broader public

Via

- European EUCC network and in national and international newsletters
- photo competition in at least 5 countries, with public exhibition
- Movies document problems, fieldwork and stakeholder involvement
- Comic strip demonstrates the SAF application steps and results
- Publications in popular science magazine (Coastal & Marine)



Task 7.1 Dissemination Timetable

	1/2015	2/2015	1/2016	2/2016	1/2017	2/2017	1/2018
Database entry/ Homepage	X/X						
Newsletter (nat./ internat.)	X	X	X	X	X	X	X
Photo competition				X			
Exhibition					X	X	X
Expert interviews/ movies						X	
Coastal & Marine (magazines)			X		X		X

- all partners responsible



Task 7.1 Dissemination

Entry into EUCC database

The screenshot shows the EUCC-D website interface. On the left is a navigation menu with categories like 'Küsten Newsletter', 'Lehren & Lernen', 'Wettbewerbe', 'Kurzfilme', 'Ausstellungen', 'Zeitschriften', 'Netzwerke', 'Informations-sammlungen', and 'Projekte & Fallstudien'. The main content area displays a breadcrumb trail: 'STARTSEITE > ANGEBOTE & SERVICE > INFORMATIONEN-SAMMLUNGEN > PROJEKTE & FALLSTUDIEN'. The featured entry is titled 'BaltCoast: A Systems Approach Framework for Coastal Research and Management in the Baltic'. It is categorized as a 'Projekt' with a duration from 01/04/2015 to 31/03/2018. The description states that the Baltic Sea is one of the most intensely exploited seas, and the project aims to create a sustainable use framework through a systems approach, involving interdisciplinary methods and tools for coastal management. The project is coordinated by the Leibniz Institute for Baltic Sea Research (IOW) in Warnemünde.

BaltCoast: A Systems Approach Framework for Coastal Research and Management in the Baltic

Typ des Eintrags: Projekt
Dauer: 01/04/2015 - 31/03/2018

Beschreibung: The Baltic Sea is one of the most intensely exploited seas of the world. A balance between exploitation and protection on the basis of scientific expertise is needed to enable a sustainable use without the destruction of valuable system services. This is the area of conflict where the BaltCoast project and its interdisciplinary system approach is settled. It aims at creating user-friendly methods and tools of practical relevance which allow a systematic input of scientific findings and political processes into the complex management of coastal zones. New problems, challenges and activities in the coastal zone shall be dealt with in a more interdisciplinary way than before. This system approach will be tested in different regions concerning various topics and processes relevant for management. All case studies will run through the complete system approach in order to test and further develop its suitability as a tool for the implementation of national and international coastal and marine policy. The German case study will be positioned at the Oder Lagoon and will deal with the establishment of mussel farms for an improvement of water transparency as well as the fixation and recovery of nutrients.

This is coordinated by the Leibniz Institute for Baltic Sea Research Warnemünde (Prof. Dr. Gerald



Task 7.1 Dissemination

Short article in EUCC newsletter

The screenshot displays the EUCC-D website interface. At the top left is the EUCC-D logo. To the right, there are language options for 'Deutsch' and 'English', and a search icon labeled 'Suchen'. A teal navigation bar contains the following menu items: 'Startseite', 'Organisation', 'Mitgliedschaft', 'Aktivitäten', 'Angebote & Service' (which is highlighted), and 'Kontakt'. Below the navigation bar, a breadcrumb trail reads: 'STARTSEITE > ANGEBOTE & SERVICE > KÜSTEN NEWSLETTER > KÜSTEN NEWSLETTER MELDUNG'. On the left side, there is a vertical menu with categories: 'Küsten Newsletter' (with a sub-link 'Newsletter abonnieren'), 'Lehren & Lernen', 'Wettbewerbe', 'Kurzfilme', 'Ausstellungen', 'Zeitschriften', 'Netzwerke', 'Informations-sammlungen', 'Küstenfotografien', 'Veranstaltungen & Konferenzen', 'Projekte & Fallstudien', and 'Veröffentlichungen & Dokumente'. The main content area features an article titled 'BONUS: sustainable ecosystem services projects starting' dated '01.04.2015'. The article text states: 'Eight research projects worth a total of EUR 17,3 million funded by BONUS, the joint Baltic Sea research and development programme, start their implementation in April. They will seek solutions as part of efforts to sustain the Baltic Sea ecosystem healthy while providing goods and services upon which the 85 million inhabitants living in the Baltic Sea catchment largely turn to for sea-dependent lifestyle and wellbeing.' Below this, it mentions: 'As human activities have changed most ecosystems and continue to threaten the Earth's ability to support future generations, BONUS works to tackle this challenge in the Baltic Sea regional scale. It gathers the eight EU member states bordering the Baltic Sea to cooperate together and provide policymakers with the information they need to achieve greater sustainability in the region.' The final sentence reads: 'Half of the funding for the EUR 100 million programme comes from national research funding institutions around the Baltic Sea, the other half from the EU's Seventh Programme for research, technological development and...'. On the right side, there are two sidebars. The top one is titled 'NEWSLETTER RUBRIKEN' and contains three buttons: 'BERICHTE & HINTERGRÜNDE', 'WISSENSCHAFT & FORSCHUNG' (highlighted in teal), and 'POLITIK: EUROPÄISCHE UND GLOBALE ENTWICKLUNGEN'. The bottom sidebar is titled 'NÄCHSTE KÜSTENTERMINE' and lists two events: '15. - 17. April 2015 Symposium Küste 2025 Hamburg, GERMANY' and '19. - 20. April 2015 7th International Coastal Atlas Network Workshop (ICAN 7)'.



Task 7.1 Dissemination

Photo competition

ARTWEI
Action for the Reinforcement of the Transitional Waters' Environmental Integrity

Navigation menu: About the Project | Project Pilot Areas | Components | Project Partners | Media & Publications | Meetings | Photo Competition | Contacts

Secondary menu: Transitional waters webGIS | Code of conduct: Good Practice Regional Models | Case Studies | Dissemination Events 2012 | Internal Documents



Photo Competition

- Szczecin Lagoon / Poland – Germany, July – September, 2011
- Curonian Lagoon / Lithuania, October – December, 2011
- Oresund Sound / Sweden – Denmark, October – December, 2011
- Harmony, October – December, 2011
- Vistula Lagoon / Poland – Russia, March – November, 2012

EN Please click on language flag

PL Aby uzyskać szczegółowe informacje kliknij na flagę państwa, do którego jesteś zainteresowany

DE Zum Wettbewerb Stettiner Haff

EUCC-D

- Coastal Databases**
 - Background
 - Technical details
 - Partners
- Projects & Case Studies**
 - Search
 - New entry/edit
- Meetings & Conferences**
 - Search
 - New entry/edit
- Training & Education**
 - Search
 - New entry/edit
- Coastal Pictures**
 - Search
 - Edit pictures
- Documents**
 - Search
 - New entry/edit
- Login/Registration**

Language flags: Germany, United Kingdom

Coastal Picture Database

Search coastal pictures

Search terms: Search

Keywords: Select up to 4 keywords, that the needed pictures should match.

Resolution:

Area of interest: Search only pictures within the shown area
Zoom into your area of interest.

Karte Satellit

All Pictures (4942)

Navigation: 1/138



Task 7.1 Dissemination


Touring photo exhibition





Task 7.1 Dissemination

Expert interviews



Summerschool Climate Change in the Baltic Sea

EUCCD
Abonnieren 3

331 Aufrufe

Hochgeladen am 08.04.2011
Climate Change in the Baltic Sea was the topic of a summerschool in Rostock about adaptation to climate change. The participants were young international scientists and students with diverse backgrounds from engineering, economics & tourism and natural sciences. They created 3 student films focusing coastal protection, coastal tourism, and nature conservation & fisheries. These student films are also shown

MEHR ANZEIGEN

NOCH KEINE KOMMENTARE

Uploads von EUCCD
von EUCCD • 6/6 Videos

- 1 Generation BALT von EUCCD
- 2 Energie am Wasser von EUCCD
- 3 Nature Conservation & Fisheries - Student Film von EUCCD
- 4 Coastal Tourism - Student Film von EUCCD
- 5 Coastal Protection - Student Film von EUCCD
- Summerschool Climate Change in the Baltic Sea von EUCCD

Stresstest für die Insel - Rügen hat Hochsaison
von TeddyNumberTwo
Empfehlungen für mich
58:28

Coastal Protection - Student Film
von EUCCD
229 Aufrufe
6:20

Energie am Wasser
von EUCCD
282 Aufrufe
7:28

WBF - Ostsee und Nordsee - Küstenlandschaften für den
von WBFmedien
Empfehlungen für mich
4:26



Task 7.1 Dissemination

Publications in popular magazine

The screenshot shows the website for the Coastal & Marine Union (EUC). The header features the EUC logo and the text "Coastal & Marine". Below the header is a navigation menu with links for Home, EUC Organisation, Projects & Activities, Publications, News, Membership, and Search. The main content area is titled "COASTAL & MARINE issues" and lists several magazine issues with their titles and cover images. The featured issue is "COASTAL & MARINE 14-3 Coastal Climate Change Biodiversity and nature conservation". The cover image shows a coastal landscape with a beach, waves, and a bird in flight. The text "COASTAL & MARINE" is prominently displayed on the cover. Below the cover, there is a description of the magazine: "COASTAL & MARINE (formerly COASTLINE) is the illustrated, full-colour, on-line quarterly magazine of the Coastal & Marine Union (EUC). The magazine aims at those professionally involved in coastal management, planning and conservation in Europe."

The cover of the magazine "Integrated coastal management" features a large image of a coastal town built on a cliffside overlooking the sea. The title "Integrated coastal management" is in blue, and the subtitle "do we really have a choice?" is in red. There are three circular inset images: one showing a colorful fish, one showing a boat on the water, and one showing a group of people. The text "Why is ICM Successful?" is at the bottom right. The logo "EUC COASTAL & MARINE" is at the bottom left, and "PROJECT COORDINATED BY THE EUROPEAN UNION" is at the bottom right.

The cover of the magazine "COASTAL & MARINE" features a large image of a beach with a dune and a tractor. The title "COASTAL & MARINE" is in blue. Below the title, the subtitle "Coastal Climate Change Adaptive management of beaches and coastal waters" is written. There are three circular inset images: one showing a beach with people, one showing a field of grass, and one showing a boat on the water. The text "What is needed? can ICM help us in the future?" is at the top right. The logo "EUC COASTAL & MARINE" is at the bottom left, and "PROJECT COORDINATED BY THE EUROPEAN UNION" is at the bottom right.



Task 7.2 Capacity building and training

Train young academics and students in SAF and it's application:

1) By involvement in local work

At least **3 students per partner** (21 students)

4 PhD students will be involved in BaltCoast projects

2) During project partnership meetings

3) Through summer school programmes

Deliverables and milestones

- 1st summer school Klaipėda (2016 August)
- Training material used in Msc courses (2017 March)
- 2th summer school Riga (2017 August)
- E-learning material and short online course (2018 December)



Task 7.2 Capacity building and training

Summer school

Klaipėda (Lithuania) **August 22-28 d. 2016**

Riga (Latvia) August 2017

Introduction to SAF and it's application on BaltCoast re-analysis and case studies (**lecturers/partner**)

20 students (BaltCoast partners and from outside)

No participation fee and accomodation covered, partly covered travel fee



Questions addressed and Partner involvement

1. Link of existing SAF training initiative (Spicosa) with our training module
2. Link of WP4 activities - outcomes (re-analysis) with training material development
3. Link of WP5 activities - outcomes (case studies) with training material development
4. Participation as experts/lecturers in summer schools
5. Training material testing/use during partner provided ICZM courses
6. Master thesis and WP 6 support by supervising master thesis in cooperation with IOW and KU

Persons expected to support :

M. Inacio, D. Karnauskaite and others (KU/IOW),
Josiane Stottrup (DTU),
Suursaar Ulo (TU),
Raimonds Ersnteins,
Anite Lontone-levina (UL)
Małgorzata Bielecka (IBW)
Ing-Marie Gren (SLU)



Existing SAF module

The screenshot shows the SETNet website interface. At the top, there is a banner for 'SETNET SPICOSA EDUCATION AND TRAINING NETWORK' with a background image of a coastal landscape. Below the banner is a navigation menu on the left with items like 'SETNet Home', 'Academic Education', 'Professional Training', 'Join SETNet', 'About SPICOSA', 'Downloads', 'Discussion Forum', 'Links', 'Contact Us', 'SPICOSA Home', 'Coastal SAF', and 'SETNet Login'. The main content area is titled 'ACADEMIC TEACHING MATERIAL' and contains text about teaching packages, a list of links for 'Short overview lecture', 'Full SPICOSA SAF module', and 'Field study work', and sections for 'Short overview lecture', 'Lecture', and 'Exercises' with detailed descriptions and links.

ACADEMIC TEACHING MATERIAL

The following files represent a fully formed teaching package which give materials to undertake teaching, up to a full Master's level module on the SPICOSA Systems Approach Framework (SAF). This material has been delivered at the University of Plymouth and the University of Cadiz as part of the *Erasmus Mundus* European Master's in Water and Coastal Management.

This material is designed for use with post-graduate students (but may also year undergraduates) of coastal management, and may be relevant for pro examples of how to apply systems theory in practice.

- [Short overview lecture](#)
- [Full SPICOSA SAF module](#)
- [Field study work](#)

Short overview lecture

This suite of files contains material to run approximately 6 hours of teaching course. It consists of a lecture, which should provide material for between exercises, one designed to last approximately half an hour, the second appr Assembled by Christopher Lowe at the University of Plymouth from mater SPICOSA SAF team. For further information contact [Gillian Glegg](#).

Lecture

[Overview notes for lecturers](#)

1. [SPICOSA - using the Systems Approach in the Coastal Zone](#)

Exercises

1. Negotiating between stakeholders; Farpoint beach. [Exercise](#) (includes notes for lecturer)
2. Discussing scenarios with stakeholders; Farwater Bay (2 hours exercise) [Exercise](#) | [Excel spreadsheet](#) | [Notes for lecturer](#)

Full SPICOSA SAF module

This suite of files contains material to run a 2ECTS module in approximately 10 hours, for a post graduate level course. It consists of four lectures, which should provide material for approximately four hours and five exercises, four designed to last approximately an hour, the fifth approximately two hours.

Assembled by Christopher Lowe at the University of Plymouth from materials produced by the SPICOSA SAF team. For further information contact [Gillian Glegg](#).

Lectures

[Overview notes for lecturers](#)

[Module description](#)

1. [Low: Introduction: Using the Systems Approach in the Coastal Zone](#)
 2. [Low: Working with stakeholders, starting the SAF](#)
 3. [Low: Causal chains and models](#)
 4. [Low: Reporting to stakeholders, making decisions](#)
- [Assessment](#)

Exercises

1. Taking on a roll as a stakeholder [Exercise](#) | [Rolls to be provided to students](#)
2. Constructing a conceptual model [Exercise](#)
3. Negotiating between stakeholders; Farpoint beach. [Exercise](#) (includes notes for lecturer)
4. Discussing scenarios with stakeholders; Farwater Bay (2 hours exercise) [Exercise](#) | [Excel spreadsheet](#) | [Notes for lecturer](#)

All of the above files ([zip file 12 MB](#), August 2010)

Feedback regards the content for meeting in Riga !!!

<http://www.spicosa.eu/setnet/academic-material/index.htm>



Task 7.2 Capacity building and training

Training material used in 4 MsC Courses (report)

1. International practical course **Integrated Coastal Zone Management II**; Klaipeda University (KU) in co-operation with Leibniz-Institute for Baltic Sea Research (IOW), Warnemünde, Germany; Responsible: Gerald Schernewski & Marija Katarzyte; Location: Leibniz-Institute for Baltic Sea Research Warnemünde, Germany; Duration: Annually for 2 weeks in April/May until 2018; altogether 6 credits.
2. International course **Integrated Coastal Zone Management** at Klaipeda University; Responsible: Gerald Schernewski
3. Course **Integrated Coastal Zone Management** (within Coastal Engineering) at Rostock University; Responsible: Gerald Schernewski
4. Distance learning course **Integrated Coastal Zone Management** (within Master Environmental Protection) at Rostock University; Responsible: Gerald Schernewski
5. ??? Other partners giving the courses about ICZM, other courses known who could be interested to use/test the material



Task 7.2 Capacity building and training

Master-thesis topics to support BaltCoast

- **Bathing Water Quality: Evaluation of the present state** in Germany and Lithuania and analysis of the difference in bathing water evaluations between new and old EU-Bathing Water Quality Directive. (Ger/Lit)
- **Bathing Water Quality: screening of Escherichia coli concentrations** in the Curonian Lagoon and studies on spatio-temporal pattern, variability and potential sources. (Ger/Lit)
- **Bathing Water Quality: Survey on perception of beaches and water quality** in lagoons in Lithuania (compared to Germany) and analysis of the demand new beaches and their potential location. (Ger/Lit)
- **Measuring ecosystem services of coastal lagoons:** Objectives are to a) compile comprehensive datasets on ecosystem services for two lagoons; b) to develop a spread-sheet classification tool that allows to classify different ecosystem services, makes them comparable and allows a scoring; c) to define a historic baseline for the evaluation of ecosystem services; d) to carry out comparative applications in different lagoons using this classification tool . (Ger/Lit)
- **Measuring sustainable development of coastal and marine systems based on indicators:** Objectives are to apply sets of environmental, social, economic and governance indicators for measuring state of and progress towards sustainability in different coastal zones in Lithuania, Germany and to access its reliability, accuracy, reproducibility and comparability; to analyse to what extent the sustainability of temporal developments and adaptations to changes, like climate change, can be measured and to evaluate its usability for sustainable planning and management of coastal and marine regions. (Ger/Lit)
- **Mussel-farming: Analysis of the cost-effectiveness and profitability in southern Baltic waters** (co-operation with the mussel-farm in Kiel, Germany) (Ger/Lit)
- **Mussel-farming: Analysis of potential products, user and markets for mussels** and attempts towards a quantification (Ger/Lit)
- **Application of Geo-Information-Systems for the integrated management and planning of lagoons** (Ger/Lit)
-



Task 7.2 Capacity building and training

Master-thesis topics to support BaltCoast

- **Measuring ecosystem services of coastal lagoons (WP6):** Objectives are to a) compile comprehensive datasets on ecosystem services for two lagoons; b) to develop a spreadsheet classification tool that allows to classify different ecosystem services, makes them comparable and allows a scoring; c) to define a historic baseline for the evaluation of ecosystem services; d) to carry out comparative applications in different lagoons using this classification tool
- **Measuring sustainable development of coastal and marine systems based on indicators:** Objectives are to apply sets of environmental, social, economic and governance indicators for measuring state of and progress towards sustainability in different coastal zones in partner countries and to assess its reliability, accuracy, reproducibility and comparability; to analyse to what extent the sustainability of temporal developments and adaptations to changes, like climate change, can be measured and to evaluate its usability for sustainable planning and management of coastal and marine regions
- **Others**



Task 7.2 Capacity building and training

Work to do for project partners:

- Revise Spicosa Academic Teaching material (<http://www.spicosa.eu/setnet/academic-material/index.htm>) indicate what can be improved regards the structure, content (April-May 2015)
- Give the feedback on SAF teaching material improvement, final decision regards the SAF training module (June, Riga, 2015)
- Information gathering from WP4 needed for training (linked with WP4 deadlines)
- Participate as lecturer in summer school (August 22-28, 2016)
- Information gathering in WP5 needed for training (linked with WP5 deadlines)
- Participate as lecturer in summer school (August, 2017)
- Collect additional material related with re-analysis and study case sides (video clips from field, interviews, public lectures, other material)
- Finalization of E-learning material and short online courses (till October 2018)