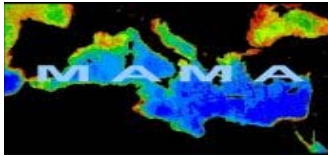


Questionnaire on Coastal Erosion Protection and Integrated Coastal Zone Management State at the Coasts of the Mediterranean Sea

MAMA



Mediterranean network to
Assess and upgrade the
Monitoring and
Activity in the region



Funded under the EC Programme, Environment and Sustainable Development,
5th Framework Programme



What is MAMA and Why is this Questionnaire Important

MAMA - The Mediterranean network to Assess and upgrade Monitoring and forecasting Activity in the region is an ongoing thematic network funded under the EC Programme Energy, Environment and Sustainable Development within the 5th Framework Programme. With a consortium made up of focal institutions from all the Mediterranean countries, MAMA is staging a concerted effort among countries in the region to put in place the institutional linkages and regional platform to promote the establishment of an ocean observing and forecasting system in the region. MAMA focuses on the trans-national pooling of scientific and technological resources in the basin, through the sharing of experiences and the transfer of expertise, to bring capacities in operational oceanography at comparable levels, and provide an integrated effort towards the planning and design of the initial ocean observing and forecasting system in the Mediterranean. Furthermore, MAMA is interacting with all stakeholders and relevant organisations, working in the whole basin to trigger local awareness on the benefits of operational oceanography and ocean forecasting with dissemination of results and demonstration products, and building momentum towards long term commitments by governments. Within this effort MAMA is pioneering the implementation of GOOS by an unprecedented endeavour and novel approach that will put the region at the forefront of operational oceanography.

MAMA is structured into several work packages. This questionnaire aims to collect information along the Mediterranean coasts within the general objective of Task 8.1 in Workpackage 8 of **MAMA (Dissemination & Products)** which is to develop a demonstrator web-site **CEROSPIG** on **Coastal EROsion P**rotection and **I**ntegrated Coastal Zone Management (ICZM) **G**uidance and information in general.

The outcome of the survey conducted by this questionnaire, which you are kindly invited to fill in, will be an important input to the development of CEROSPIG, bringing important information on the needs in your country on the subject as well as on the available relevant information and potential data providers on the subject in your country.

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Who should fill the Questionnaire

Although this questionnaire is not a contractual obligation, it is open to be compiled on a voluntary basis by the country focal member institute participating in MAMA or directly by other relevant organizations in each country involved in coastal erosion protection and coastal management.

The questionnaire replies are expected to be collected by the MAMA focal country members who will send them to the MAMA Secretariat by fax, post, email or upload to the MAMA website via FTP.

However, it will be greatly appreciated if the questionnaire is sent directly via FTP by mail or as an email attachment to the MAMA Secretariat at the address given below. In such case please inform and copy the submitted questionnaire to the MAMA focal member institute. A prompt response and submission of the questionnaire before the end of September 2004 is much appreciated, and will enable us to prepare the CEROSPIG website according to plans and on schedule. Your cooperation in filling and sending the questionnaire and any available case studies information is essential to make CEROSPIG complete and useful.

Structure of the Questionnaire

Although the CEROSPIG web site demonstrator has been launched in its preliminary shape on the world wide web, the input requested in this questionnaire is very important for the finalisation of the CEROSPIG web tool to meet in the best way the potential user needs on guidance for protection against coastal erosion and integrated coastal zone management by learning from reported local case studies where available, for the benefit of both Mediterranean and worldwide coastal countries. The questionnaire is structured in four major sections:

- A. Entry form signature of the organization/person filling the questionnaire.**
- B. Characterization of the Mediterranean coasts of your country::**
 - B1. A short description of your country coastal major natural features as known to you.
 - B2. Information on coastal and/or marine man-made structures on your coast which you if available to you.
- C. Description of coastal erosion state on the Mediterranean coasts of your country:**
 - C1. Description of coastal erosion state in your country as known to you.
 - C2. Examples of protection measures implemented at your coasts as well as example(s) of case studies conducted in your country relevant to coastal erosion protection guidance and assistance.
- D. Description of coastal zone management for Mediterranean coasts of your country:**
 - D1. Description of the responsible body(ies) for ICZM in your country.
 - D2. Description of the needs of your organization in regards to capacity building and guidance on Coastal Engineering and Sustainable Integrated Coastal Zone Managements for the coastal zone monitored or managed by your organization.

This Questionnaire is available in 2 versions:

1. An electronic version which may be downloaded via the Internet or was sent to you as an email attachment file in OFFICE XP format, (CEROSPIG SHORT QUESTIONNAIRE.doc) or ACROBAT format (CEROSPIG SHORT QUESTIONNAIRE.pdf) or HTML (CEROSPIG SHORT QUESTIONNAIRE.html). The format file can be filled on-line via the Internet.
2. A printed version which was sent to you by mail or fax from MAMA focal partner institute in your country or directly from the MAMA Secretariat.

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To speed up the data input assimilation in a database using the CEROSPIG development the preferred compilation of the questionnaire is on the computerized digital version, but if you cannot do it then a clear handwritten filled questionnaire is also welcome. In addition, case study reports or information you may want to submit as examples of coastal erosion counteractions or ICZM implemented can be sent via normal mail to the MAMA Secretariat.

Please remember that the input requested in this questionnaire from you is very important for the successful development of the CEROSPIG in a way meeting your organization and country needs for guidance and tools relevant to protection against coastal erosion and sustainable integrated coastal zone management of your country coasts!

Questionnaire Filling Guidance

As a general note on the filling of the questionnaire - In most sections it is possible to enter more than one selection. Please make your choice by using the check boxes where available. In cases where only one answer is necessary this is stated specifically.

The approximate duration for filling the questionnaire is less than 1 hour if you have the available information, otherwise is even less.

For a quick and usefull filling:

1. Please save this questionnaire to your hard disk.
2. Type your answers/details in the items with lines.
3. Choose the best described item in the checkbox items. To do that select the checkbox, double click it, at the "default value" frame check the "checked" option.
4. Save all your changes.
5. Attach your saved file to the reply mail.

Submission Address of the Questionnaire is:

Via email: Aldo Drago" <aldo.drago@um.edu.mt>

By post: Aldo Drago, MAMA Secretariat

IOI Malta Operational Centre, University of Malta

c/o 43, Flat 1, Valley Road, Birkirkara, BKR 10,

MALTA

Via Fax: +(356) 2144 0972

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SECTION A

Entry Form Signature

	Last Name, First Name	organization initials
Name of questionnaire replier / organization initials		

➤ Compiled on behalf of:

➤ Institute:	➤
➤ Street Address:	➤
➤ Zip Code:	➤
➤ Town/City:	➤
➤ Country:	➤
➤ Telephone:	➤
➤ Fax:	➤
➤ Email Address:	➤

➤ **Compilation Date :** _____

Questionnaire on Coastal Erosion Protection and Integrated Coastal Zone Management State at the Coasts of the Mediterranean Sea

SECTION B

CHARACTERIZATION OF THE COASTS MONITORED AND/OR MANAGED BY YOUR ORGANIZATION

B1 – Short description of your coasts natural major features as known to you

B1.1 Geographic Location of the coasts monitored or studied by your organization

B 1.1.1 – Specific Location of Major Coastal Sector(s) described (add additional lines if necessary). Reference should be made only to Major sectors. Below options for up to 3 sectors are listed, but you can use less or add more if necessary.

Sector Name and Description

Sector 1	My 1 Sector name Nile Littoral Cell northern sector (Gaza – Acre)
Sector 2	My 2 Sector name Northern coast of Israel (Acre – Rosh Haniqra)
Sector 3	My 3 Sector name

B 1.1.2 – Specific Boundaries of the Major Coastal Sector(s) described above. Please indicate also the position of the sector in your country (Northern / Eastern / Southern / Western) part by filling N / E / S / W.

Sector	Sector Coordinates Boundaries (Optional)				Located in (N/E/S/W) part
Sector 1					
Sector 2					
Sector 3					

You may use the [Cerospig Locator](#) tool to find the coordinates of the boundaries of your coastal sector.

B1.2 Quick characterization of the coast(s) described in B 1.1.1 if you have the requested information (partial information is also welcome; add additional lines if necessary).

B 1.2 – Describe what is the kind of the majority of the material of the coast (rock, sand, mud). Mark all types applicable.

Sector No. 1	<input type="checkbox"/> Rock	<input type="checkbox"/> Sand	<input type="checkbox"/> Mud
Sector No. 2	<input type="checkbox"/> Rock	<input type="checkbox"/> Sand	<input type="checkbox"/> Mud
Sector No. 2	<input type="checkbox"/> Rock	<input type="checkbox"/> Sand	<input type="checkbox"/> Mud

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B 1.2.1 – For rock describe its type (Mark all types applicable).

Sector No. 1	<input type="checkbox"/> Soft Rock	<input type="checkbox"/> Brittle rock
Sector No. 2	<input type="checkbox"/> Soft Rock	<input type="checkbox"/> Brittle rock
Sector No. 3	<input type="checkbox"/> Soft Rock	<input type="checkbox"/> Brittle rock

B 1.2.2 – If it is sand describe its characteristics (Mark all types applicable) :

B 1.2.2.a – By general average grain size at the waterline:

Sector No. 1	<input type="checkbox"/> Coarse	<input type="checkbox"/> Fine	<input type="checkbox"/> Very fine
Sector No. 2	<input type="checkbox"/> Coarse	<input type="checkbox"/> Fine	<input type="checkbox"/> Very fine
Sector No. 3	<input type="checkbox"/> Coarse	<input type="checkbox"/> Fine	<input type="checkbox"/> Very fine

B 1.2.2.b – By grain size at the waterline, if you have information on it:

Sector No. 1	Average sand grain diameter $D_{50\%} =$.. ___ mm
Sector No. 2	Average sand grain diameter $D_{50\%} =$.. ___ mm
Sector No. 3	Average sand grain diameter $D_{50\%} =$.. ___ mm

B 1.2.2.c – By grain size gradation at the waterline, if you have information on it:

In Sector No. 1	The sand is	<input type="checkbox"/> Uniform size	<input type="checkbox"/> Well graded
In Sector No. 2	The sand is	<input type="checkbox"/> Uniform size	<input type="checkbox"/> Well graded
In Sector No. 3	The sand is	<input type="checkbox"/> Uniform size	<input type="checkbox"/> Well graded

B 1.3 – Describe what major natural features are present in the coastal sector(s) (select all appropriate, and add additional lines if necessary for additional major coastal sectors)

Sector No. 1	<input type="checkbox"/> River Estuary	<input type="checkbox"/> Rocky headland	<input type="checkbox"/> Exposed straight coast	<input type="checkbox"/> Protected bay coast	<input type="checkbox"/> Barred coast
Sector No. 2	<input type="checkbox"/> River Estuary	<input type="checkbox"/> Rocky headland	<input type="checkbox"/> Exposed straight coast	<input type="checkbox"/> Protected bay coast	<input type="checkbox"/> Barred coast
Sector No. 3	<input type="checkbox"/> River Estuary	<input type="checkbox"/> Rocky headland	<input type="checkbox"/> Exposed straight coast	<input type="checkbox"/> Protected bay coast	<input type="checkbox"/> Barred coast

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B 1.4 – Please describe major features of the wave climate on the Mediterranean coast of your sectors if you have the requested information (partial information is also welcome):

Sector 1:

B 1.4.1.1 – The deep water significant wave height most of the time is less than ____ meter.

B 1.4.2 .1– The peak wave period most of the time is less than ____ seconds.

B 1.4.3.1 – During strong wave storms the deep water significant wave height can reach more than ____ meter.

B 1.4.4.1 – The peak wave period in such storms may reach periods above ____ seconds.

B 1.4.4.1 – The wave direction in such storms is:

<input type="checkbox"/> Always from same directional interval	<input type="checkbox"/> In various storms is from varying directions
--	---

Sector 2:

B 1.4.1.2 – The deep water significant wave height most of the time is less than ____ meter.

B 1.4.2 .2– The peak wave period most of the time is less than ____ seconds.

B 1.4.3.2 – During strong wave storms the deep water significant wave height can reach more than ____ meter.

B 1.4.4.2 – The peak wave period in such storms may reach periods above ____ seconds.

B 1.4.4.2 – The wave direction in such storms is:

<input type="checkbox"/> Always from same directional interval	<input type="checkbox"/> In various storms is from varying directions
--	---

Sector 3:

B 1.4.1.3 – The deep water significant wave height most of the time is less than ____ meter.

B 1.4.2 .3– The peak wave period most of the time is less than ____ seconds.

B 1.4.3.3 – During strong wave storms the deep water significant wave height can reach more than ____ meter.

B 1.4.4.3 – The peak wave period in such storms may reach periods above ____ seconds.

B 1.4.4.3 – The wave direction in such storms is:

<input type="checkbox"/> Always from same directional interval	<input type="checkbox"/> In various storms is from varying directions
--	---

Questionnaire on Coastal Erosion Protection and Integrated Coastal Zone Management State at the Coasts of the Mediterranean Sea

B 1.5 – Describe major natural features of the wind climate on the Mediterranean coasts of your country if you have the requested information (partial information is also welcome):

B 1.5.1 – Most of the time per average year the winds are

Sector No. 1	<input type="checkbox"/> Weak	<input type="checkbox"/> Mild	<input type="checkbox"/> Strong	<input type="checkbox"/> Very Strong
Sector No. 2	<input type="checkbox"/> Weak	<input type="checkbox"/> Mild	<input type="checkbox"/> Strong	<input type="checkbox"/> Very Strong
Sector No. 3	<input type="checkbox"/> Weak	<input type="checkbox"/> Mild	<input type="checkbox"/> Strong	<input type="checkbox"/> Very Strong

B 1.5.2 – Most of the time per average year the winds are coming from

Sector No. 1	<input type="checkbox"/> One directional sector	<input type="checkbox"/> Varying directions	<input type="checkbox"/> Blow onshore	<input type="checkbox"/> Blow offshore
Sector No. 2	<input type="checkbox"/> One directional sector	<input type="checkbox"/> Varying directions	<input type="checkbox"/> Blow onshore	<input type="checkbox"/> Blow offshore
Sector No. 3	<input type="checkbox"/> One directional sector	<input type="checkbox"/> Varying directions	<input type="checkbox"/> Blow onshore	<input type="checkbox"/> Blow offshore

B 1.5.3 – During stormy conditions the strong winds are coming from

Sector No. 1	<input type="checkbox"/> One directional sector	<input type="checkbox"/> Varying directions	<input type="checkbox"/> Blow onshore	<input type="checkbox"/> Blow offshore
Sector No. 2	<input type="checkbox"/> One directional sector	<input type="checkbox"/> Varying directions	<input type="checkbox"/> Blow onshore	<input type="checkbox"/> Blow offshore
Sector No. 3	<input type="checkbox"/> One directional sector	<input type="checkbox"/> Varying directions	<input type="checkbox"/> Blow onshore	<input type="checkbox"/> Blow offshore

B 1.6 – Please describe the major natural beach features in the coastal sectors mentioned in B 1.1.1 if you have the requested information (partial information is also welcome):

B 1.6.1 – Most of the beaches in the coastal sector are:

Sector No. 1	<input type="checkbox"/> Very narrow	<input type="checkbox"/> Narrow	<input type="checkbox"/> Wide	<input type="checkbox"/> Very Wide
Sector No. 2	<input type="checkbox"/> Very narrow	<input type="checkbox"/> Narrow	<input type="checkbox"/> Wide	<input type="checkbox"/> Very Wide
Sector No. 3	<input type="checkbox"/> Very narrow	<input type="checkbox"/> Narrow	<input type="checkbox"/> Wide	<input type="checkbox"/> Very Wide

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B 1.6.2 – The slope of the foreshore in the coastal sector is in general:

Sector No. 1	<input type="checkbox"/> Very steep	<input type="checkbox"/> Steep	<input type="checkbox"/> Mild	<input type="checkbox"/> Very Mild
Sector No. 2	<input type="checkbox"/> Very steep	<input type="checkbox"/> Steep	<input type="checkbox"/> Mild	<input type="checkbox"/> Very Mild
Sector No. 3	<input type="checkbox"/> Very steep	<input type="checkbox"/> Steep	<input type="checkbox"/> Mild	<input type="checkbox"/> Very Mild

B 1.6.3 – The slope of the coast profile is generally:

Sector No. 1	<input type="checkbox"/> Very steep	<input type="checkbox"/> Steep	<input type="checkbox"/> Mild	<input type="checkbox"/> Very Mild
Sector No. 2	<input type="checkbox"/> Very steep	<input type="checkbox"/> Steep	<input type="checkbox"/> Mild	<input type="checkbox"/> Very Mild
Sector No. 3	<input type="checkbox"/> Very steep	<input type="checkbox"/> Steep	<input type="checkbox"/> Mild	<input type="checkbox"/> Very Mild

B 1.6.4 – Usually in the coastal sector described the beach profile ends on land with a

Sector No. 1	<input type="checkbox"/> High cliff	<input type="checkbox"/> Low cliff	<input type="checkbox"/> Sandy dune
Sector No. 2	<input type="checkbox"/> High cliff	<input type="checkbox"/> Low cliff	<input type="checkbox"/> Sandy dune
Sector No. 3	<input type="checkbox"/> High cliff	<input type="checkbox"/> Low cliff	<input type="checkbox"/> Sandy dune

B 1.6.5 – The beach cliff material consists mainly of

Sector No. 1	<input type="checkbox"/> Hard Rock	<input type="checkbox"/> Soft Rock	<input type="checkbox"/> Cemented sand	<input type="checkbox"/> Sand and clay
Sector No. 2	<input type="checkbox"/> Hard Rock	<input type="checkbox"/> Soft Rock	<input type="checkbox"/> Cemented sand	<input type="checkbox"/> Sand and clay
Sector No. 3	<input type="checkbox"/> Hard Rock	<input type="checkbox"/> Soft Rock	<input type="checkbox"/> Cemented sand	<input type="checkbox"/> Sand and clay

B 1.7 – Describe major natural offshore features of your country coast(s) :

B 1.7.1 – Are there any islands off your country coast(s)?

Sector No. 1	<input type="checkbox"/> Yes, many	<input type="checkbox"/> Yes, a few	<input type="checkbox"/> Yes, one	<input type="checkbox"/> None
Sector No. 2	<input type="checkbox"/> Yes, many	<input type="checkbox"/> Yes, a few	<input type="checkbox"/> Yes, one	<input type="checkbox"/> None
Sector No. 3	<input type="checkbox"/> Yes, many	<input type="checkbox"/> Yes, a few	<input type="checkbox"/> Yes, one	<input type="checkbox"/> None

B 1.7.2 – Are there any constant spits or tombolo formations behind the islands?

Sector No. 1	<input type="checkbox"/> Tombolo	<input type="checkbox"/> Spit	<input type="checkbox"/> None	<input type="checkbox"/> Various
Sector No. 2	<input type="checkbox"/> Tombolo	<input type="checkbox"/> Spit	<input type="checkbox"/> None	<input type="checkbox"/> Various
Sector No. 3	<input type="checkbox"/> Tombolo	<input type="checkbox"/> Spit	<input type="checkbox"/> None	<input type="checkbox"/> Various

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B 1.7.3 – Are there any major lagunar formations?

Sector No. 1	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sector No. 2	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sector No. 3	<input type="checkbox"/> Yes	<input type="checkbox"/> No

B 1.8 – Characterize the sediment transport in the coastal sectors mentioned in B 1.1.1., if you have that information:

B 1.8.1 – Is a strong one directional longshore sediment transport present ?

Sector No. 1	<input type="checkbox"/> Yes	<input type="checkbox"/> No, 2 strong	<input type="checkbox"/> No, 2 weak	<input type="checkbox"/> Strong on-offshore
Sector No. 2	<input type="checkbox"/> Yes	<input type="checkbox"/> No, 2 strong	<input type="checkbox"/> No, 2 weak	<input type="checkbox"/> Strong on-offshore
Sector No. 3	<input type="checkbox"/> Yes	<input type="checkbox"/> No, 2 strong	<input type="checkbox"/> No, 2 weak	<input type="checkbox"/> Strong on-offshore

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SECTION C

DESCRIPTION OF COASTAL EROSION STATE WITHIN YOUR COASTAL SECTOR(S)

C1 – Description of coastal erosion state at the coastal sectors described in B 1.1.1

C 1.1 – Do you estimate that generally the coastline sector is eroding or accreting?

Sector No. 1	<input type="checkbox"/> Eroding	<input type="checkbox"/> Accreting	<input type="checkbox"/> Is Stable	<input type="checkbox"/> Varies
Sector No. 2	<input type="checkbox"/> Eroding	<input type="checkbox"/> Accreting	<input type="checkbox"/> Is Stable	<input type="checkbox"/> Varies
Sector No. 3	<input type="checkbox"/> Eroding	<input type="checkbox"/> Accreting	<input type="checkbox"/> Is Stable	<input type="checkbox"/> Varies

C 1.2 – If you estimate that your beaches are eroding, how do you estimate its state?

Sector No. 1	<input type="checkbox"/> Minor, local	<input type="checkbox"/> Chronic erosion	<input type="checkbox"/> Acute Erosion
Sector No. 2	<input type="checkbox"/> Minor, local	<input type="checkbox"/> Chronic erosion	<input type="checkbox"/> Acute Erosion
Sector No. 3	<input type="checkbox"/> Minor, local	<input type="checkbox"/> Chronic erosion	<input type="checkbox"/> Acute Erosion

(*Local erosion* is induced by a coastal structure. *Chronic erosion* is usually caused by a gradient in longshore transport and takes place in the breakerzone. *Acute erosion* is caused by a sudden event, such as by a storm event.)

C2 – Protection measures implemented at your coasts, case studies describing experience with protective means, identification of needs for coastal erosion protection guidance and assistance.
Please provide the information requested below if you have it, partial information is also welcome.

C 2.1 – Which means have been used to prevent or remediate the coastal erosion? (Select all applicable)

Sector No. 1	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> None
Sector No. 2	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> None
Sector No. 3	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> None

Sector No. 1	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> None
Sector No. 2	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> None
Sector No. 3	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> None

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C 2.2 – If hard structures have been used then of what type?

Sector No. 1	<input type="checkbox"/> Sea wall	<input type="checkbox"/> Detached breakwater	<input type="checkbox"/> Groin	<input type="checkbox"/> Other
Sector No. 2	<input type="checkbox"/> Sea wall	<input type="checkbox"/> Detached breakwater	<input type="checkbox"/> Groin	<input type="checkbox"/> Other
Sector No. 3	<input type="checkbox"/> Sea wall	<input type="checkbox"/> Detached breakwater	<input type="checkbox"/> Groin	<input type="checkbox"/> Other

C 2.3 – If soft structures have been used then of what type?

Sector No. 1	<input type="checkbox"/> Artificial seaweed	<input type="checkbox"/> Sand bags	<input type="checkbox"/> Geotextiles	<input type="checkbox"/> Other
Sector No. 2	<input type="checkbox"/> Artificial seaweed	<input type="checkbox"/> Sand bags	<input type="checkbox"/> Geotextiles	<input type="checkbox"/> Other
Sector No. 3	<input type="checkbox"/> Artificial seaweed	<input type="checkbox"/> Sand bags	<input type="checkbox"/> Geotextiles	<input type="checkbox"/> Other

C 2.4 – If other soft structures have been used then of which type?

Describe _____ Sector No. 1
 Describe _____ Sector No. 2
 Describe _____ Sector No. 3

C 2.5 – If one or more protection means have been used, which are most cost effective in your opinion for your coast(s)?

Sector No. 1	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> Other
Sector No. 2	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> Other
Sector No. 3	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> Other

C 2.6 – Which erosion protection means in your opinion are to be recommended?

Sector No. 1	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> Other
Sector No. 2	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> Other
Sector No. 3	<input type="checkbox"/> Hard structures	<input type="checkbox"/> Soft structures	<input type="checkbox"/> Nourishment	<input type="checkbox"/> Coast reorientation	<input type="checkbox"/> Other

C 2.7 – Does your country have a routine coastal erosion prevention maintenance program?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
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If yes, please describe concisely: _____

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C 2.8 – Can you provide documented information of case studies of coastal erosion?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
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If yes, please send to MAMA secretariat by mail the case study/ies information (both printed and/or digital format welcome). If available also in digital format (such as doc or pdf format papers) please send them as soon as possible via email to the MAMA secretariat.

C 2.9 – What are your needs regarding protection against coastal erosion?

- | | |
|--|--|
| <input type="checkbox"/> Capacity building | <input type="checkbox"/> Expert guidance |
| <input type="checkbox"/> Statistical meteo-marine data | <input type="checkbox"/> Modeling |
| <input type="checkbox"/> Financial assistance | <input type="checkbox"/> Other |

If other please describe in a concise way below:

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SECTION D

DESCRIPTION OF COASTAL ZONE MANAGEMENT IN YOUR COASTAL SECTOR(S)

D1 – Identification of the responsible bodies for ICZM, the sources and types of data available for ICZM from your organization and/or other bodies in your area

D.1.1 Please provide identification of the responsible body(ies) for Integrated Coastal Zone Management regarding your country coasts.

- **Contact person:** _____
- **Title:** _____
- **Position:** _____
- **Organization:** _____
- **Street Address:** _____
- **Zip Code:** _____
- **Town/City:** _____
- **Country:** _____
- **Telephone:** _____
- **Fax:** _____
- **Email Address:** _____

D.1.2 Please provide if available identification of other bodies in your country holding information relevant for Integrated Coastal Zone Management.

- **Contact person:** _____
- **Title:** _____
- **Position:** _____
- **Organization:** _____
- **Street Address:** _____
- **Zip Code:** _____
- **Town/City:** _____
- **Country:** _____
- **Telephone:** _____
- **Fax:** _____
- **Email Address:** _____

Questionnaire on Coastal Erosion Protection and Integrated Coastal Zone Management State at the Coasts of the Mediterranean Sea

D.1.3 Please indicate the types of information relevant for Integrated Coastal Zone Management regarding your country coasts existing in your institution

- | | | |
|--|--|--|
| <input type="checkbox"/> Topographic charts | <input type="checkbox"/> Bathymetric charts | <input type="checkbox"/> Waterline position data |
| <input type="checkbox"/> Aerial historic photographs | <input type="checkbox"/> Meteo-marine local data | <input type="checkbox"/> Beach profiles data |
| <input type="checkbox"/> Coastal structures data | <input type="checkbox"/> Coastal maintenance | <input type="checkbox"/> Coastal use data |
| <input type="checkbox"/> Marinas and ports | <input type="checkbox"/> Cooling basins | <input type="checkbox"/> Water intakes or outfalls |
| <input type="checkbox"/> Touristic data | <input type="checkbox"/> Natural resources | <input type="checkbox"/> Other |

D2 – Identification of the needs of your organization in regards to capacity building and guidance on Sustainable Integrated Coastal Zone Managements for the coastal zone monitored or managed by your organization

D2.1 – What are the needs regarding ICZM for your institution as assessed by you?

- | | |
|--|--|
| <input type="checkbox"/> Capacity building | <input type="checkbox"/> Expert guidance |
| <input type="checkbox"/> Statistical meteo-marine data | <input type="checkbox"/> Modeling |
| <input type="checkbox"/> Financial assistance | <input type="checkbox"/> Other |

If other please describe in a concise way below:

Questionnaire on Coastal Erosion Protection and Integrated Coastal Zone Management State at the Coasts of the Mediterranean Sea

D2.2 – What kind of information would you like to reach using the CEROSPIG web site Demonstrator? (Select all applicable)

- | | |
|--|---|
| <input type="checkbox"/> Methods for ICZM | <input type="checkbox"/> Expert location |
| <input type="checkbox"/> Statistical meteo-marine data | <input type="checkbox"/> Modeling tools |
| <input type="checkbox"/> Software | <input type="checkbox"/> Case studies |
| <input type="checkbox"/> Manufacturers | <input type="checkbox"/> Suppliers |
| <input type="checkbox"/> Near real time data | <input type="checkbox"/> Equipment |
| <input type="checkbox"/> Education | <input type="checkbox"/> Modeling consultants |
| <input type="checkbox"/> Publications, manuals | <input type="checkbox"/> Conferences |
| <input type="checkbox"/> Links to other sources | <input type="checkbox"/> Other |

If *other* please describe in a concise way below your wishes:

D 2.3 – Can you provide documented information of case studies on ICZM in your country?

- Yes No

If yes, please send to MAMA secretariat by mail the case study/ies information (both printed and/or digital format welcome). If available also in digital format (such as doc or pdf format papers) please send them as soon as possible via email to the MAMA secretariat. If you are a MAMA member, you can upload your case study also on the CEROSPIG web site in the sub-site of your organization.

**THANK YOU FOR FILLING THIS QUESTIONNAIRE.
YOUR INPUT WILL HELP TO DEVELOP THE CEROSPIG WEB SITE
TO MEET BEST POSSIBLE YOUR NEEDS AND EXPECTATIONS.**