



DATA AND CARTOGRAPHIC TOOLS

This questionnaire is the basis of our Data diagnostic for MAREMED project

The Data theme crosses all the other thematic. The possibility to manage data and do cartographies is one of the key points to have an Integrated maritime vision.

To understand better your problems and give good messages to the EU Commission, we thank you to answer to the questions with explanations of your situation.

QUESTIONNAIRE

Do you have DATA Management infrastructure in your organization or in association with other organization, that you can use for the coastal management? [YES](#)

If Not

Thank you to explain why and what kind of problems do you have ?

Financial ?

Technical ?

Juridical ?

Not a political priority ?

If Yes (or in association with other organization)

1- ORGANIZATION

- Is it an Internal or External management ? (with a company, research laboratory, coastal zone observatory, special organization with other governance levels) ?
INTERNAL management coastal zone observatory (www.cmgizc.info)
- What kind of organization do you have? [Monitoring Center for Integrated coastal zone management \(CM-GIZC \[www.cmgizc.info\]\(http://www.cmgizc.info\)\)](#)

+Do you have an office specially dedicated to the global management of your data? [YES](#)

+Do you have thematic management for all or a part of the data? [Part](#)

How do you organize the data management for the MAREMED thematic;

Fishing ;

Do you have data management for this theme ? [NO](#)

In a specialized fishing office?

Are these data related to the regional global data set to complete an integrated vision? [NO](#)

What kind of data related to this theme do you manage or use?

1. [seasonal fishing nurseries marine areas](#)
2. [restricted marine areas](#)
3. [protected marine areas](#)

Adapting to Climate Change ;

Do you have data management for this theme? [YES](#)

In a specialized Climate Change office? [YES](#)

For example, do you have observations or atlases for erosion, extreme events like marine flood, rain, tempests, low pressure ... [YES](#)

Are these data related to the regional global data set to complete an integrated vision ?
[YES](#)

What kind of data related to this theme do you manage or use ?

1. [coastline evolution \(from 1944 to 2011\)](#)
2. [climate conditions \(from 1993\)](#)
3. [coastal defense works](#)

ICZM ;

In a Integrated maritime vision, the ICZM data organization could be the data platform for coastal management.

Do you have data management for this theme? [YES](#)

In a specialized ICZM office ? [YES](#)

Are these data related to the regional global data set to complete an integrated vision ?
[YES](#)

What kind of data related to this theme do you manage or use ?

1. [statistics](#)
2. [Land use](#)
3. [Administrative boundaries](#)
4. [Reports on line](#)

Water-Framework Directive;

Do you have data management for the parameters analyzed for W. F. Directive? [Partially](#)

In a specialized WFD office? [NO](#)

Are these data related to the regional global data set to complete an integrated vision?
[YES](#)

What kind of data related to this theme do you manage or use?

1. [Hydrology](#)

Oil Spill pollution;

Do you have data management for planification of the fighting against pollution ? [NO](#)

In a specialized office ? [NO \(Civil protection Department in general\)](#)

Are these data related to the regional global data set to complete an integrated vision ? [NO](#)

What kind of data related to this theme do you manage or use ?

1. [Vulnerable marine areas](#)

Integrated organization;

- For Fishing, Adapting to climate change in coastal zone, ICZM, WFD, REACH, fighting against pollution, fauna and flora, do you have special organization for data?
[Only between ACC and ICZM](#)
- Do you have links among these thematic in terms of data? [Partially](#)

- Or No links are made in the different offices for data (the current case), Data of ICZM are not connected with data of fishing...
- What do you think it would be possible to do for improving the situation? (a special meeting of MAREMED will be organised for that) [To improve collaboration between offices](#)
- To be recognized in the MAREMED website, we thank you to give links directly to find each theme in your website: (http://80.94.113.69/cm_g_segnalazioni)

2 -BUDGET :

Do you have a special budget for data management ? [YES](#)

For the global management of your data or for some thematic data? [For the global management](#)

Do you use regional ERDF or ERDF from European projects for data acquisition?
[Partially](#)

Do you receive national budget for one or more kind of data ? [NO](#)

What are your needs? [MORE BUDGET, MORE DATA, MORE LINKS](#)

What are your suggestions for the next financial period (2014 2020):

[Stop funding generic coastal data collection/elaboration \(for example at national level\), concentrate on the Regions the most part of efforts to improve the coastal database or better SDI.](#)

3- HARDWARE AND SOFTWARE :

What kind of systems do you use? Standards : WFC, WFS, WMS (site OGC) ?

[WMS](#)

[WFS](#)

[KMZ](#)

4 - DATA management regarding INSPIRE DIRECTIVE :

What kind of DATA do you manage? (you can do a reference to the information given in the chapter 1)

[Raster](#)

[Vector](#)

[Numeric](#)

[Documents](#)

We thank you to send a list of your metadata.

METADATA

I nostril metadata riguardano I seguenti datasets:

- Coast line 1944
- Coast line 1955
- Coast line 1990
- Coast line 1992
- Coast line 1994
- Coast line 1996
- Coast line 1998
- Coast line 2002
- Coast line 2005

Sono consultabili e liberamente scaricabili al seguente link:

<http://www.cmgizc.info/metadato/>

If the data are related to the INSPIRE Directive you can comment directly the INSPIRE Annexes given in word format,

ANNEX I - SPATIAL DATA THEMES REFERRED TO IN ARTICLES 6(A), 8(1) AND 9(A)
1. Coordinate reference systems: we adopt UTM33 ED50 for the web-GIS , whilst for the OGC formats (WMS,WFS,KMZ) are in WGS84 in EPGS code. Vertical datum is referred to IGM standard 0 (+0.27 to EVRS200)

*2. Geographical grid systems: **no available.??***

Harmonised multi-resolution grid with a common point of origin and standardised location and size of grid cells.

3. Geographical names: available

4. Administrative units: available

5. Addresses: not available (we are going to implementing this data)

6. Cadastral parcels: not available

7. Transport networks: not available

8. Hydrography: available

9. Protected sites: available

ANNEX II - SPATIAL DATA THEMES REFERRED TO IN ARTICLES 6(A), 8(1) AND 9(B)

1. Elevation: available (IGM compliant)

2. Land cover: available

3. Orthoimagery: available

4. Geology: available

ANNEX III - SPATIAL DATA THEMES REFERRED TO IN ARTICLES 6(B) AND 9(B)

1. *Statistical units: available*
2. *Buildings: available*
3. *Soil: available*
4. *Land use: not available*
5. *Human health and safety: not available*
6. *Utility and governmental services: available (not yet on WEB-GIS)*
7. *Environmental monitoring facilities: available*
8. *Production and industrial facilities: not available*
9. *Agricultural and aquaculture facilities: not available*
10. *Population distribution — demography: : available*
11. *Area management/restriction/regulation zones and reporting units: available*
12. *Natural risk zones: not available*
13. *Atmospheric conditions: available (not yet on WEB-GIS)*
14. *Meteorological geographical features: available (not yet on WEB-GIS)*
15. *Oceanographic geographical features: available (not yet on WEB-GIS)*
16. *Sea regions: not available*
17. *Bio-geographical regions: available*
18. *Habitats and biotopes: available (not yet on WEB-GIS)*
19. *Species distribution: available (not yet on WEB-GIS)*
20. *Energy resources: not available*
21. *Mineral resources: available*

You can find the INSPIRE Directive in all MAREMED languages in the MAREMED website.

<http://www.maremed.eu/index.php?act=1,5,3>

<http://www.maremed.eu/index.php?act=1,5,3,,,,en> (English link)

Moreover, we constituted an extract of the Directive with just the Annexes in each language of MAREMED project. (in attachment of this questionnaire and in gmail tool).

We thank you to comment the annexes directly in the text and explain your situation regarding the parameters concerned.

For each parameter;

Thank you to explain if ;

- you manage this kind of data, ?

you have local or national guidelines to collect this parameter ? If yes ; thank you to send it to us to cross experiences

5 - JURIDICAL STATUS OF DATA - DISSEMINATION

Are you proprietary of your data ? [YES](#)

Do you have an “open data” policy ? [YES](#)

Do you have a geoportal to open the possibility to pick-up the data ? [YES](#)

For your internal needs only

For the public bodies

For all users [YES](#)

What are the links with your state ?

- do you send data to the state ? What kind of parameter (for fishing or WFD for example) [YES \(e.g. new protected marine areas\)](#)
- do you receive regularly data from your state ? [NO](#)

6 - TRAINING OF FUNCTIONARIES IN CHARGE OF DATA MANAGEMENT AND/OR COASTAL MANAGEMENT

What are your financial or technical needs for;

- The data managers [MORE PERSONNEL](#)

- The coastal managers [MORE PERSONNEL](#)

Does this kind of training exist in your region or state? [YES](#)

7 - WORKS WITH YOUR NEIGHBOURS

Have you ever worked with your neighbour regions to do common cartographies/mapping?
[YES](#)

Thank you to give examples ...

[LIGURIA REGION](#)

[EMILIA ROMAGNA REGION](#)

[TOSCANA REGION](#)

[CAMPANIA REGION](#)

8 - PREPARING PILOT ACTIONS COMPONENT

- Awareness raising about INSPIRE Directive: (For Pilot Action Component)

This Directive must help the multilevel governance of territories but it is not sufficiently known and applied.

MAREMED will organise one day training for the partnership with European functionaries to explain this Directive to key actors of coastal management in your region

Give us suggestions of these key actors in your case, how many person will participate to this training ? [MORE THAN 10](#)

Give us suggestions about questions you would want to see put on the debate during this training (for example, juridical, financial or technical impact of the Directive ...)

[We would like to have more clear explanations about the DATA SPECIFICATION of the ANNEX](#)

The result of the diagnostic will be presented during the training.

- Participation to test of EMODNET

Could you send a set of data like bathymetry or habitats, fauna and flora inventories, to participate to this test ?

Our WMS and WFS services are available at :
<http://80.94.113.69/mapguide2010/mapagent/mapagent.fcgi>

Coastal lines and METADATA are downloadable at:

<http://www.cmjzic.info/metadato/>

- Interoperability test :

In the pilot actions we decided to test of link of our systems with our neighbours to a have an example of common map. This will prove the interest to take into account the regions for the application of the different European Directives and white papers..

We thank you to confirm to us that it will be possible to work on :

- Erosion (evolution of coastal line since 40 years)
- Habitats, CIZ, Fauna and flora, Natura 2000
- Spatial planning in link with Economical activities in an integrated land and sea space

[Yes, we can!](#)

Please find below the list of layers available in the coastal WEB-GIS of the Regione Lazio:

1. Dati ISTAT 2001 Costa
1.1. Residenti Comuni Litoranei
1.2. Aggregati Morfologici
1.3. Circostrizioni Turistiche
1.4. A.T.O.
2. Dati EEA
2.1. Limiti Marittimi
3. SEGNALAZIONI
4. LIMITI AMMINISTRATIVI
4.1. Comuni Litoranei
4.2. Regione Lazio
5. CARTOGRAFIA DI BASE
5.1. IGM 100.000
5.2. IGM 50.000
5.3. IGM 25.000
5.4. CTR 10.000
6. ALTIMETRIA
6.1. Capisaldi
6.2. Batimetria- 0 IIMM
7. IDROLOGIA LITORANEA
7.1. Fiumi
7.2. Rio
7.3. Torrenti
7.4. Canali
7.5. Fossi
7.6. Laghi Costieri
7.7. Bacini Costieri
8. USO DELLA COSTA
8.1. Anno 2005
8.1.1.4° Livello 2005
8.1.2.3° Livello 2005
8.1.3.2° Livello 2005
8.1.4.1° Livello 2005
9. LINEE COSTA
9.1. Linea Costa 1944
9.1.1. 'Costa Sabbiosa - 1944'
9.1.2. 'Opere a mare - 1944'
9.1.3. 'Opere fisse - 1944'
9.1.4. 'Porti e moli - 1944'
9.2. Linea Costa 1955
9.2.1. 'Costa Sabbiosa - 1955'

9.2.2.'Opere a mare - 1955'
9.2.3.'Opere fisse - 1955'
9.2.4.'Porti e moli - 1955'
9.3.Linea Costa 1990
9.3.1.'Costa Sabbiosa - 1990'
9.3.2.'Opere a mare -1990'
9.3.3.'Opere fisse - 1990'
9.3.4.'Porti e moli - 1990'
9.4.Linea Costa 1992
9.4.1.'Costa Sabbiosa - 1992'
9.4.2.'Opere a mare - 1992'
9.4.3.'Opere fisse - 1992'
9.4.4.'Porti e moli - 1992'
9.4.5.'Zone interdette - 1992'
9.5.Linea Costa 1994
9.5.1.'Costa Sabbiosa - 1994'
9.5.2.'Opere a mare - 1994'
9.5.3.'Opere fisse - 1994'
9.5.4.'Porti e moli - 1994'
9.5.5.'Zone interdette - 1994'
9.6.Linea Costa 1996
9.6.1.'Costa Sabbiosa - 1996'
9.6.2.'Opere a mare - 1996'
9.6.3.'Opere fisse - 1996'
9.6.4.'Porti e moli - 1996'
9.6.5.'Zone interdette - 1996'
9.7.Linea Costa 1998
9.7.1.'Costa Sabbiosa - 1998'
9.7.2.'Opere a mare - 1998'
9.7.3.'Opere fisse - 1998'
9.7.4.'Porti e moli - 1998'
9.7.5.'Zone interdette - 1998'
9.8.Linea Costa 2002
9.8.1.'0'
9.8.2.'Costa sabbiosa - 2002'
9.8.3.'Opere a mare - 2002'
9.8.4.'Opere fisse - 2002'
9.8.5.'Porti e moli - 2002'
9.9.Linea Costa 2005
9.9.1.'Alta'
9.9.2.....
9.9.3.'Scogliere sommerse'
9.10. Progressive Costa
10. AMBIENTE MARINO
10.1. Parchi
10.2. Nursery
10.2.1. Nursery Autunno
10.2.2. Nursery Primavera
10.2.3. Nursery Estate
10.3. Posidonieti

10.4.	Chimica
10.4.1.	PCB
10.4.2.	IPA
10.4.3.	As
10.4.4.	Cd
10.4.5.	Pb
10.4.6.	Cr
10.4.7.	Hg
10.4.8.	Ni
10.5.	SITI PROTETTI COSTIERI
10.5.1.	Z.P.S. Costieri
10.5.2.	S.I.C. Costieri
10.5.3.	Aree Marine Protette
11.	VINCOLI A MARE
11.1.	Cavi Marini
11.2.	Divieto Ancoraggio Pesca
11.3.	Poligoni Militari
12.	GEOLOGIA MARINA
12.1.	Sedimenti di superficie
12.1.1.	'Pelite'
12.1.2.	'Pelite molto sabbiosa'
12.1.3.	'Pelite sabbiosa'
12.1.4.	'Sabbia'
12.1.5.	'Sabbia pelitica'
12.2.	Vibrocarotaggi
12.3.	Aree di Interesse Minerario
12.3.1.	Aree di Interesse Minerario
12.3.2.	Cave Coltivate
12.3.3.	Cave Potenziali
12.3.4.	Poligono Concessione 99
13.	INTERVENTI ed OPERE
13.1.	Pennelli
13.2.	Interventi
14.	ORTOFOTO
14.1.	Ortofoto 2005
14.2.	Ortofoto 1998
14.3.	RAF1944
15.	DEM
15.1.	DEM Area Cava C2
15.2.	DEM Area Cava A2 Sito A