

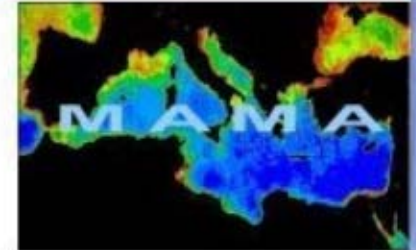
Mediterranean network to
Assess and upgrade the
Monitoring and forecasting
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Review of MAMA WP 1 Activities January - June 2002



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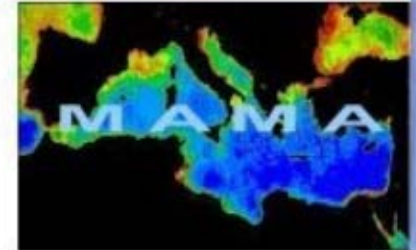
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MAIN WP 1 Activities

January - June 2002



Task 1.1

Co-ordination with international organisations and initiatives

Task 1.2

- **National Consultations on marine affairs**
- **Inventory on ocean observing and forecasting capabilities**
- **Human resources**
- **Funding capabilities**

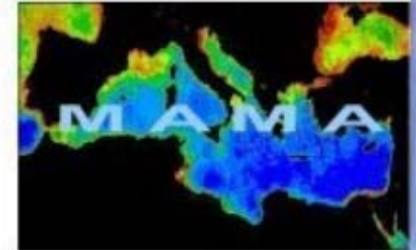
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WP 1 Methodology



- obtain information by **surveys**
- **consult** with relevant
authorities/experts
researchers/policy-makers
public/private
industry/service providers
- **assess** national
structure/programmes/funding
- compile exhaustive **report**

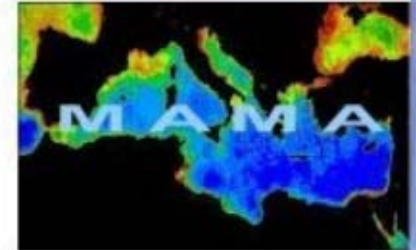
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TASK 1.1 CO-ORDINATION WITH INTERNATIONAL/REGIONAL ORGANISATIONS/PROGRAMMES



- **Maximise mutual assistance and cooperation**
- **Synergise MedGOOS to regional frameworks**
(scientific [CIESM]; monitoring & contingency planning [UNEP-MAP]; sustainability [MCSD]; governments [Barcelona Convention])
- **Outreach to other regional focal points**
- **Build wider participation** (awareness beyond the research community) **involving all stakeholders**
- **Avail of intergovernmental structures and support**
- **Build wider consensus**
- **Benchmarking with other regional GOOS initiatives**

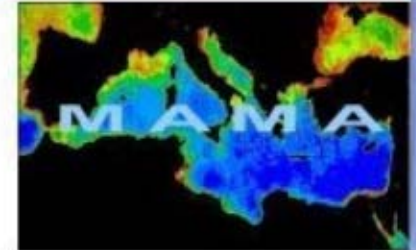
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TASK 1.2 DETAILS



Surveys and consultations

Which are the institutes/agencies/organisations involved in marine research; What is the national structure for marine research

Which are the public administration/authorities responsible for marine affairs; how do they fit in the national framework for environmental policy formulation and implementation

Which are the main marine-related industries/services

Implications for MedGOOS

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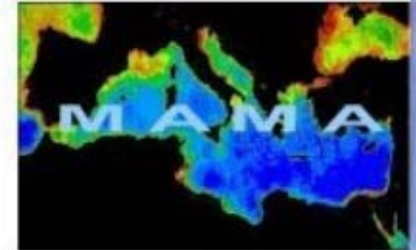
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Database on National Marine Research and Marine Affairs



- Information on the marine research centres in each country
- Main national institutions with marine-related responsibilities.
- Report on conduction of marine affairs in each country.
 - Key ministries
 - Environmental authorities agencies and other key responsible entities.
 - Conduction of environmental policies.
 - Relevance of marine sectors to the economy.
- Relevance of marine sector to the economy.

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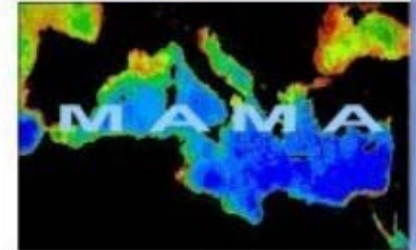
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MAMA WP1

Inventory on operational ocean / coastal monitoring and forecasting activities



Inventory of what?

- Ongoing and routine observations on same area of sea
- In the Mediterranean and relevant to MedGOOS
- Entries on the basis of observing programmes rather than responsible institutes
- Separate entry form for each monitoring activity

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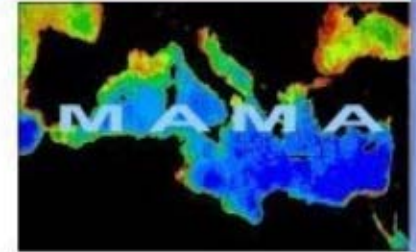
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MAMA WP1

Inventory on operational ocean / coastal monitoring and forecasting activities



Methodology

- conducted by means of an electronic questionnaire
- conducted in two parts
- electronic entry form for each part
- support of pull-down multiple choice answers
- supported by hypertext help
- facilitate a streamlined compilation

....conducted in each country by the responsible MAMA partner

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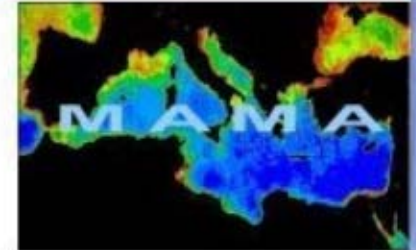
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MAMA WP1

Inventory on operational ocean / coastal monitoring and forecasting activities



Structure

Part 1:

National requirements for the monitoring of the marine environment

- main recipients
- key requested deliverables
- details on products and services provided,
 - type of monitoring activities
- main parameters measured
- type of analysis and assessments made to adapt measurements to user needs

extended potential benefits?

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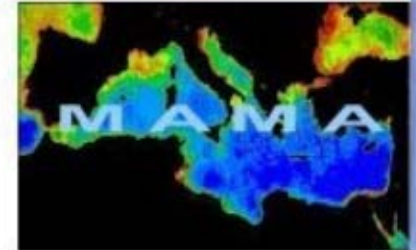
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MAMA WP1

Inventory on operational ocean / coastal monitoring and forecasting activities



Structure -- (part 1 continued)

- B1. Type of requirement/s addressed by the observing programme.
- B2. Responsible body (*Product Recipient*) making the request
- B3. Description of Networking capabilities of the *Product Recipient*.
- B4. Description of product/service.
- B5. Description of Networking capabilities for *Product Providers*
- B6. Brief profile of the observing programme
- B7. Organisation responsible for the observing programme
- B8. General information sources
- B9. By-products

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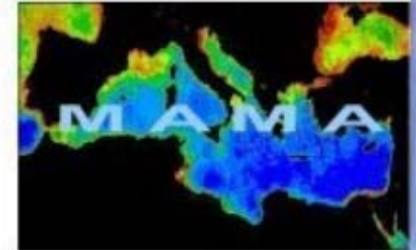
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MAMA WP1

Inventory on operational ocean / coastal monitoring and forecasting activities



Structure

Part 2:

Description and practices of monitoring activities in the marine environment

- technical details
- current practices
- details on platforms, instrumentation, sensors, telecom systems, data storage and exchange codes and formats, maintenance, etc.

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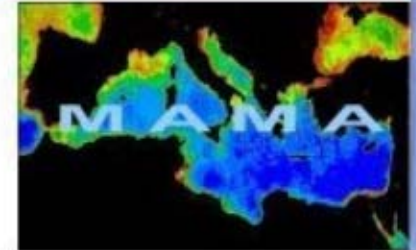
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Inventory on operational ocean / coastal monitoring and forecasting activities



Structure -- (part 2 continued)

Description and practices of monitoring activities in the marine environment

- C1. Name of observing programme
- C2. Detailed description of the observing programme
 - C2.1 Type of platform or carrier
 - C2.2 Overall zone of application
 - C2.3 Overall position information
 - C2.4 Sea Area
 - C2.5 Spatial configuration of observations
 - C2.6 Parameters collected
 - C2.7 Laboratory practices
 - C2.8 Equipment used

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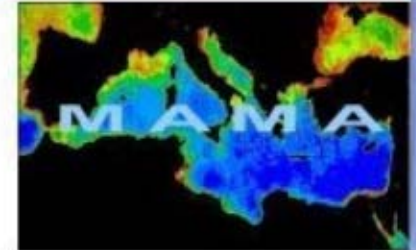
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Inventory on operational ocean / coastal monitoring and forecasting activities



Structure -- (part 2 continued)

- C2.9 Energy supply
- C2.10 Sampling Periodicity
- C2.11 Time span of operation
- C2.12 Position fixing of observations
- C2.13 Data transmission
- C2.14 Telecoms systems, Hardware and Software
- C2.15 Quality assurance
- C2.16 Data access
- C2.17 Data sets derived from observation programme

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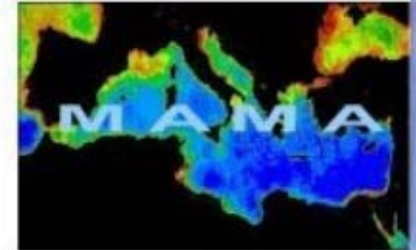
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Inventory on operational ocean / coastal monitoring and forecasting activities



Structure -- (part 2 continued)

D - Maintenance practice

- D1. Short term maintenance on sensors and equipment
- D2. Long term maintenance on buoys, mooring and associated equipments.

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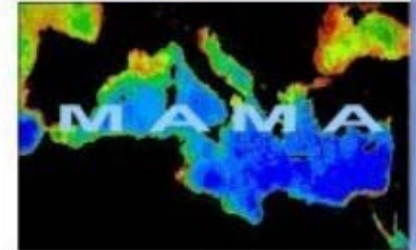
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Inventory on operational ocean / coastal monitoring and forecasting activities



How To Compile The Entry Form ...

- To complete the questionnaire, first login to the website at the address: <http://martingd.no-ip.com/mama/questionnaire>
- Select the appropriate country flag to proceed.
- Fill in the details. (Can disconnect from internet)
- Reconnect and send the form.

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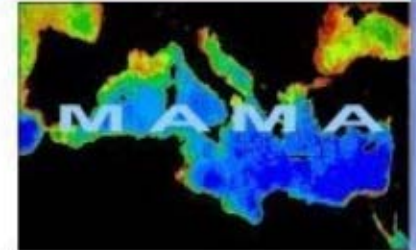
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Inventory on operational ocean / coastal monitoring and forecasting activities



....After sending the form :

- A screen with the completed information will appear on the screen. (This can be saved and printed)
- Results are sent by e-mail to the MedGOOS Secretariat (Malta)
- Copy of this email is sent to the MAMA designated partner in the respective country
- This is also sent to the Email address entered in the questionnaire

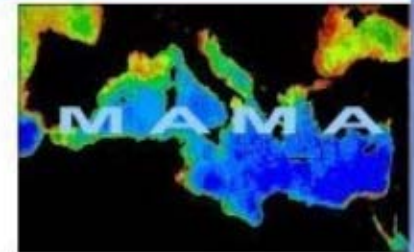
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National Requirements for the Monitoring of the Marine Environment

B 9

Annexes

Questionnaire II

B 9.1.2 -- Required I

B 9.1.3 -- Potential I

B 9.1.4 -- Benefits :

C.1.1 - Sources / Equipment Required

Source Type	Maintenance Frequency	Maintenance Need	Collection Method
	1 Month or less	Calibration	
	1 Month or less	Calibration	
	1 Month or less	Calibration	
	1 Month or less	Calibration	

C.1.2 - Moored Buoys

C.1.3 - In-situ Observations

C.1.4 - Number of In-situ Buoys

C.1.5 - Type of Observations

D.1 - Long Term Maintenance on Buoy, Mooring and Associated Equipment (Level 1 Maintenance)

List of Operations	Frequency of Operations
	monthly
	monthly
	monthly
	monthly

D.1.2.1 - Interface Style :

D.1.2.2 - Timescale of Access :

Continuous Updating

Discrete Updating

D.1.2.3 - Mode of Access :

Dedicated Enquiry

Dedicated Delivery

On-line Enquiry

On-line Delivery

Reset Submit

Go to top of section

Products, Applications and Services

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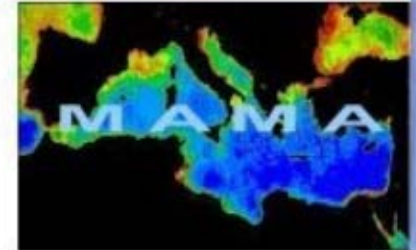
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You can have a look at the electronic entry form of the questionnaire
by linking to

<http://martingd.no-ip.com/mama/questionnaire/malta.html>
where the entry form for Malta can be viewed as a template.