

1st

GMES & Africa Workshop

Marine and Coastal Areas

Mombasa
Kenya

9-10 October 2012

Working Group 1 Outputs

GMES and Africa Services for Marine
and Coastal Area Management

Working Group 1 Topics

- 1.1.** Marine and Coastal Management, Planning and Policy Issues
- 1.2.** Data and Information Needs for Marine and Coastal Management and Decision Making
- 1.3.** An African Capacity Building Network of Higher Education Institutions for EO Application in Marine and Coastal Management

Topic 1.1 Marine and Coastal Management, Planning and Policy Issues - Specific Questions

1.1.1. What are the current and future issues in marine and coastal management, where an improved availability of EO data and (processed) information would make a real difference?
Please prioritise.

→ **MCM Current & Future Issues**

1.1.2. At what level (continental, regional, national, local) are these marine and coastal issues most
a) most effectively and b) most efficiently (cost, HR) managed?

→ **Management Levels of MCM Issues**

Topic 1.1 Marine and Coastal Management, Planning and Policy Issues - Specific Questions (ctd.)

1.1.3. Which are your Country's current partner organisations (IO, RO, REC, etc.), programmes and projects supporting an improved and sustainable integrative marine and coastal areas management (ICZM, ICOM) including the application of EO? → **Current external Support to Integrative MCM&EO**

1.1.4. Are there examples of (sustainable) practical application of EO data and information to marine and coastal area management or any related government sector, institution or non-state actor in your Country? By whom? To whom? Lessons learnt? → **Current EO Application Examples in MCM**

WG1 - Marine and Coastal Management, Planning and Policy Issues - OUTPUTS

Question	WG Session 1 Answers (max. 3) <i>- please delete table rows if not needed -</i>	Suggested Actions towards GMES & Africa Service	* S T M T L T		
			S T	M T	L T
1.1.1. MCM Current & Future Issues				X	X
1.1.2. Management Levels of MCM Issues					

ST: short term, MT: mid term, LT: long term

WG1 - Marine and Coastal Management, Planning and Policy Issues - OUTPUTS

Question	WG Session 1 Answers (max. 3) <i>- please delete table rows if not needed -</i>	Suggested Actions towards GMES & Africa Service	* S T M T L T		
			S T	M T	L T
1.1.3. Current external Support to Integrative MCM&EO			X	X	X
1.1.4. Current EO Application Examples in MCM					

ST: short term, MT: mid term, LT: long term

Topic 1.2 Data and Information Needs for Marine and Coastal Management and Decision Making - Specific Questions

1.2.1. The provision of what kind of EO data and/or information would be most effective and/or efficient for improved marine and coastal, day-to-day and long term management? Please prioritise. Please be specific regarding need for raw data, metadata, processed data or analyses & recommendations.

→ **MCM EO Data Needs Priority**

1.2.2. Such data/ information would best be provided by whom? - to whom? → **MCM Data Recipients**

1.2.3. What would be the minimum EO data/ information resolution needed (parameter, geo-scale, frequency)?

→ **MCM Minimum Data Requirements**

Topic 1.2 Data and Information Needs for Marine and Coastal Management and Decision Making - Specific Questions (ctd.)

- 1.2.4.** Does such data/ information provision (maybe partially, sporadically, geographically limited) already exist? → Existing EO for MCM
- 1.2.5.** Have there been needs or capacity assessments conducted in your Country that did cover aspects of environmental information needs in general or EO information needs in particular? Did these assessments cover marine and coastal management aspects? → Environmental Information Needs Assessments

WG1 - Data and Information Needs for Marine and Coastal Management and Decision Making - OUTPUTS

Question	WG Session 2 Answers (max. 3) <i>- please delete table rows if not needed -</i>	Suggested Actions towards GMES & Africa Service	* S T M T T		
			S T	M T	L T
1.2.1. MCM EO Data Needs Priority				X	X
1.2.2. MCM Data Recipients					
1.2.3. MCM Minimum Data Requirements					

ST: short term, MT: mid term, LT: long term

WG1 - Data and Information Needs for Marine and Coastal Management and Decision Making - OUTPUTS

Question	WG Session 2 Answers (max. 3) <i>- please delete table rows if not needed -</i>	Suggested Actions towards GMES & Africa Service	* S T M T L T		
			S T	M T	L T
1.2.4. Existing EO <u>for</u> MCM				X	X
1.2.5. Environmental Information Needs Assessments					

ST: short term, MT: mid term, LT: long term

Topic 1.3 An African Capacity Building Network of Higher Education Institutions for EO Application in Marine and Coastal Management - Specific Questions

1.3.1. What would be the benefits of a network of higher education institutions for EO application in marine and coastal management?

→ **Expected Benefits of a Network of HE Institutions for EO Applications in MCM**

1.3.2. Which African countries do already have higher education programmes in marine and coastal management? Integrative curricula? Sector curricula (Physical marine sciences, fishery, marine biology/ ecology, marine chemistry, marine microbiology, meteorology, climate, agriculture, forestry etc.)?

→ **Existing HE Institutions with Integrative Programmes or Curricula in MCM**

1.3.3. Which of these education institutions / curricula integrate EO systems (system administration, data management, data analysis, IT, electronic engineering and maintenance)?

→ **Existing HE Institutions integrating EO into Programmes or Curricula in MCM**

Topic 1.3 An African Capacity Building Network of Higher Education Institutions for EO Application in Marine and Coastal Management - Specific Questions (ctd.)

1.3.4. What would be your suggestions for (additional) African institutions to be considered as, or supported in their development to become network centres for higher education in EO application in marine and coastal management?

→ **Suggestions for HE Institutions of EO and MCM in Africa**

1.3.5. Which regional or international organisations, programmes or projects would you identify/ suggest for intermediate technical and financial support to such a network of institutions? Please keep the network character in mind.

→ **Suggestions for technical and financial support action, projects and institutions**

WG1 - An African Capacity Building Network of Higher Education Institutions for EO Application in Marine and Coastal Management- OUTPUTS

Question	WG Session 3 Answers (max. 3) <i>- please delete table rows if not needed -</i>	Suggested Actions towards GMES & Africa Service			
			S T	M T	L T
1.3.1. Expected Benefits of a Network of HE Institutions				X	X
1.3.2. Existing HE Inst. with Integrative Programmes or Curricula in MCM					
1.3.3. Existing HE Inst. integrating EO into Progr. or Curricula in MCM					

ST: short term, MT: mid term, LT: long term

WG1 - An African Capacity Building Network of Higher Education Institutions for EO Application in Marine and Coastal Management- OUTPUTS

Question	WG Session 3 Answers (max. 3) <i>- please delete table rows if not needed -</i>	Suggested Actions towards GMES & Africa Service	* S T M T L T		
			S T	M T	L T
1.3.4. Suggestions for HE Institutions of EO and MCM in Africa				X	X
1.3.5. Suggestions for technical and financial support action, projects and institutions					

ST: short term, MT: mid term, LT: long term

Thank You

Merci

Obrigado