



# EMODnet Thematic Lot n° 5 - Biology

1th Bi-monthly Report

Reporting Period: 01/01/2014 – 28/02/2014

Date: 10/03/2014

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# 1. Highlights in this reporting period

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*Provide a short summary of the key achievements and/or events of interest to a wider audience within this reporting period you wish to highlight – this can be based on the indicators or any other of the reporting sections.*

- *We have a final date and location for the next general meeting. This will take place in Horta, Azores, 17 and 18 September 2014. It will be a two full day meeting. All practical information is and will be posted at: [https://dl.dropboxusercontent.com/u/74790090/EMODnet/Horta\\_EMODnet\\_meeting.htm](https://dl.dropboxusercontent.com/u/74790090/EMODnet/Horta_EMODnet_meeting.htm)*
- *The WP3: Access to Marine Biological data released its first important deliverable: D3.1: Assessment of data and databases. This report gives a detailed overview of the data that will become available to EMODnet. Thanks to all data providers for your cooperation. The report is available at: <http://www.emodnet-biology.eu/documents/EMODnet-Biology-II/Deliverables-EMODnet-Biology-II/>*
- *The WP2 on species attributes organised its first workshop at Ifremer, Paris on 12-13 February. The aim of the meeting was to engage key specialists in the development of a biological traits vocabulary that can be applied across a range of species. The report will be published soon, and will be published together with all presentations at: <http://www.emodnet-biology.eu/documents/Workshops/species-traits/> There is also close collaboration between the FP7 DEVOTES project and this workpackage, in relation to the DEVOTOOL which includes most MSFD related indicators currently proposed and under development.*
- *WP5, dataproducts organised a workshop in Ierzeke, NIOZ in January. The DIVA krigging tool has been tested and implemented to create gridded abundance data products. The results are promising, and we initially focused on a few key species (i.e. *Amphiura f.*, *Gadus m.*, *Calanus*, *Marenzelleria*). The workshop report with detailed technical information is available at <http://www.emodnet-biology.eu/documents/Workshops/WP5-Workshop-Ierzeke/Workshop-report/>*
- *Finally, you can find a presentation with an overview of some of the results given at the last MODEG meeting and the progress report summarizing activities during 2013 at: <http://www.emodnet-biology.eu/documents/EMODnet-Biology-II/Progress-reporting/>*

## 2. Meetings held since last report

List here the meetings held since the last bi-monthly report, if relevant add short description

[Provide information in table - Maximum 1 page]

Date	Location	Topic	Short Description
23 & 24 January 2014	Ierzeke, Netherlands (NIOZ)	WP 5 Workshop	Technical workshop on the creation of data products
12 & 13 February 2014	Paris, France (Ifremer)	EMODNET Biology: Species Traits Vocabulary Workshop	The aim of the workshop was to progress the development of a unified vocabulary for species traits information, and to ensure engagement with the scientific community.

### 3. Work package updates

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*Using the work package as a header list here the activities that occurred since the last bi-monthly report. If there was no activity to report leave the section blank.*

*[Provide information - Maximum 1/2 page per workpackage]*

#### ***E.g. WP1 – Project Management***

- All initial payments to all partners performed except for HCMR, University of Bremen and IBSS
- All Consortium agreements signed except Deltares
- The date and location of the next general meeting has been decided and sent to all partners: 17 & 18 September 2014, in Horta, Azores.

#### ***WP2 – Identification and collection of species, species attributes and species indicator information***

On February 12th & 13th, the Marine Biological Association of the United Kingdom (MBA) organised a 2 day workshop at the Ifremer Office in Paris, France. The aim of the workshop was to progress the development of a unified vocabulary for species traits information, and to ensure engagement with the scientific community. The workshop was organised within the context of the Biology component of the European Marine Observation and Data Network (EMODNET) - <http://www.emodnet-biology.eu/>. The workshop involved participation from key individuals and organisations who are active in the development and application of biological traits and related analyses.

The workshop aimed to

- highlight progress with the collation of traits and attributes through pilot projects funded by the preparatory EMODNET Biology project;
- share experiences from existing trait-collation projects;
- propose and refine a hierarchical approach to trait categorisation, and
- identify a prioritised list of traits for further research and focussed collation.

Following a series of presentations from EMODNET funded pilot and traits-related projects from workshop participants, the proposed hierarchy was discussed. Two breakout sessions then focussed

on 1) which traits should be prioritised to address real-world scientific hypotheses, and 2) the alignment of the proposed hierarchy following feedback from participants and the outcomes of a comparison between the pilot projects.

Finally the group reconvened to discuss next steps with regard to publication and dissemination of the vocabulary, with guidance from GBIF.

The report will be published soon, and will be published together with all presentations at:

<http://www.emodnet-biology.eu/documents/Workshops/species-traits/>

### ***WP3 – Data access to marine biological data***

The WP3: Access to Marine Biological data released its first important deliverable: D3.1: Assessment of data and databases. This report gives a detailed overview of the data that will become available to EMODnet. Thanks to all data providers for your cooperation. The report is available at:

<http://www.emodnet-biology.eu/documents/EMODnet-Biology-II/Deliverables-EMODnet-Biology-II/>

### ***WP5 – Creation of gridded abundance data products***

WP5, dataproducts organised a workshop in Ierzeke, NIOZ in January. The DIVA krigging tool has been tested and implemented to create gridded abundance data products. The results are promising, and we initially focused on a few key species (i.e. *Amphiura* f., *Gadus* m., *Calanus*, *Marenzellaria*). The workshop report with detailed technical information is available at <http://www.emodnet-biology.eu/documents/Workshops/WP5-Workshop-Ierzeke/Workshop-report/>

#### Agenda

- Progress in constructing gridded maps of example species
- Technical issues
- Implementation and automation of gridding procedures
- Priorities and planning for coming half year and beyond

## 4. Specific challenges or difficulties encountered during the reporting period

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*Please list specific problems you have encountered during this period, including related to technical and data provision issues*

*None*

## 5. User Feedback

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List any useful feedback you received on your portal, your activities or those of other EMODnet projects/activities. Also provide any suggestions you have received for EMODnet case studies and/or future products/activities/events.

*[Provide information in table - attach the documentation/full user feedback to the report]*

Date	Name	Organization	Type of user feedback (e.g. technical, case study etc)	Response time to address user request
19 & 20 February 2014		ASCOBANS	Possible collaboration with EMODnet	Communication is going on
19 & 20 February 2014		Finnish Environmental agency	Data provision to EMODnet biology	Communication is going on
03 March 2014		Center for Marine Research	Data provision to EMODnet biology	Communication is going on



## 6. Outreach and communication activities

Please list all the relevant communications activities or products you have developed/executed during this period (including presentations, lectures, trainings, demonstrations and development of communication materials such as brochures, videos, etc.). Relevant scientific and/or popular articles you know have been published using/referring to EMODnet should be reported under indicator 11 in Section 7.

[Provide information in table - Maximum 1 page]

Date	Media	Title	Short description and/or link to the activity
19 & 20 February 2014	Oral presentation	Status EMODnet biology	Presentation fo EMODnet biology at MODEG meeting
10 January 2014	Oral presentation	EMODnet biology project	Presentation at Innovocean site about EMODnet biology

## 7. Updates on Progress Indicators

Using the indicator as a header list the metrics collated and the time interval. If there was no activity to report leave the section under the indicator header blank.

### *Indicator 1 - Volume of data made available through the portal*

24 Datasets have been added to EurOBIs and made available through the EMODnet Biology Portal

#	Link to metadata	Records	Records after Q.C.
1	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=20">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=20</a>	7	0
2	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=153">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=153</a>	1155	1130
3	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=51">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=51</a>	204	198
4	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=472">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=472</a>	3692	246
5	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=162">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=162</a>	894	835
6	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=24">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=24</a>	999	795
7	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=137">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=137</a>	4040	3661
8	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1355">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1355</a>	1102	1039
9	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=466">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=466</a>	37801	35874
10	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=467">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=467</a>	1808	1785
11	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=593">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=593</a>	974	974
12	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1204">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1204</a>	1036	703
13	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=837">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=837</a>	222	165
14	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=932">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=932</a>	342	331
15	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=156">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=156</a>	463	454
16	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1257">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1257</a>	402	366
17	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1261">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=1261</a>	490	420
18	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=610">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=610</a>	3439	3171
19	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=56">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=56</a>	2	2
20	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=146">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=146</a>	4285	3891
21	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4525">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4525</a>	2159	1873
22	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4526">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4526</a>	51	51
23	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4527">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4527</a>	93	93
24	<a href="http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4528">http://www.emodnet-biology.eu/data-catalog?module=dataset&amp;dasid=4528</a>	21	21

***Indicator 2 - Organisations supplying each type of data based on (formal) sharing agreements and broken down into country and organisation type (e.g. government, industry, science).***

<b>Insitutie</b>	<b>Type</b>	<b>Country</b>	<b>Number</b>
BMM	Government	Belgium	1
Ugent	Science	Belgium	14
NIOZ	Science	Netherlands	2
KUL	Science	Belgium	1
INBO	Government	Belgium	1
KBIN	Government	Belgium	1
Ecocoean	Science	France	1
Univ Pisa	Science	Italy	3

***Indicator 4 - Volume of each type of data and of each data product downloaded from the portal***

- 115 data requests from data portal between 01/01/2014 and 28/02/2014

***Indicator 5 Organisations that have downloaded each data type***

- This indicator is still under analysis.

***Indicator 6 Using user statistics to determine the main pages utilised and to identify preferred user navigations routes***

Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Jan 2014	1,954	3,065	61,361	103,080	1.74 GB
Feb 2014	1,693	2,920	54,864	95,482	1.81 GB

***Indicator 7 List of what the downloaded data has been used for (divided into categories e.g. Government planning, pollution assessment and (commercial) environmental assessment, etc.)***

Research categories

- PhD Project
- Food web analysis
- Research on species distribution
- Research
- Mapping biodiversity
- Biodiversity - Study of Portuguese EEZ (Azores, Madeira and mainland Portugal)
- Analysis of phytoplankton community structure
- Analysis of community structure

Evaluation categories

- Evaluation of data
- Testing

***Indicator 11 EMODnet visibility and citations (academic journals, scientific press, mainstream media, websites)***

- This indicator is still under analysis.



**EMODnet Thematic Lot n° XX - XXXXXXXXXXXX  
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***Annex X***