EMODnet Thematic Lot n° 5 - Biology

6th Bi-monthly Report

Reporting Period: 01/01/2015 – 15/03/2015

Date: 18/03/2015

Contents

1. Highlights in this reporting period

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.

- *32 new EMODnet biology datasets published through the dataportal*

- *Launch of http://www.marinespecies.org/introduced/*

- *4 data archaeology grants accepted*

- *Publication of 49 data products at http://www.emodnet-biology.eu/component/photogallery/?album=4430*

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
03-04 February 2015	*Bremen, PANGAEA*	*MEETING - DATAFLOW PANGAEA AND VLIZ*	*Current state of the dataflow between PANGAEA and VLIZ Review how EMODNet displays and serves data and metadata from PANGAEA Workplan to improve the workflow between PANGAEA and VLIZ*
27 February 2015	*DGMARE-Brussels*	*EMODnet-MSFD Meeting*	*The objectives of the MSFD-EMODnet coordination meetings is to identify opportunities and issues of common importance between MSFD and EMODnet*
11-12 March 2015	*Oostende, VLIZ*	*WP5 Workshop*	*Workshop on data product generation*

3.   Work package updates

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.

WP1 – Project Management

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

- The World Register of Introduced Species (WRIMS) has been set up and is launched on 16/03/201. It is available at http://www.marinespecies.org/introduced/ and gives access to 1,457 alien marine species and 198 marine species with uncertain or unknown origin
- A manuscript on Biological and ecological traits of marine species was submitted for peer review to PeerJ
- Organization of the second WP2 workshop with external participants 9-10 June 2015, Crete).

WP3 – Data access to marine biological data

- *IMR: 10 datasets received of which 4 need to be updated with abundance and biomass data. 2 Datasets pending.*

- *IMAR: 14 Popa datasets and 1 Demersais delivered. 1 COLETA dataset pending*

- *OGS: 14 datasets delivered. 6 in QC process.*

- *Deltares: birds dataset delivered fish dataset in QC process*

     IMARES: Macrobenthos dataset to be delivered

- *IEO: 13 datasets in QC process.*

- *ILVO: 3 datasets in QC process. 11 (?) to be delivered*

- *MBA: Data in QC process.*

- *SMHI: Webservice up and running. 4 datasets in QC process*

- *AU: 1 dataset checked. Dataset is used to test the EMODnet harvesting portal for SeaDataNet datasets (from AU, IFREMER, IMGW and IMARES).*

- *IFREMER 1 dataset in QC process (Feedback given 10/3)*

- *IMGW Example data received and checked for IMGW (done before October 2014).*

WP4 – Data archaeology

- *4 proposals for data digitçization were selected for funding within the data grant program*

  - *First project is to integrate into EMODNet Biology macrobenthic data from The Danish Biological Station who e.g. collected quantitative samples of the benthic macrofauna on a yearly basis from a range of stations in the Limjord during more than 4 decades (1910-1952).*
  - *Second project is to integrate into EMODNet Biology quantitative data on benthos and zooplankton from the NW Black Sea, sampled between 1954-1968 and macrobenthos sampled between 1997-2014.*
  - *Third project is to integrate data on the zooplankton time series obtained in the North Western Mediterranean sea by the Observatoire Océanologique of Villefranche sur Mer from 1966*

o *Fourth project is to integrate into EMODNet Biology Phytoplankton qualitative and quantitative data from the Romanian Black Sea coastal and shelf waters sampled between 1956 and 1960.*

- *A workshop will be organised in June in Crete*

WP5 – Creation of gridded abundance data products

- *Organization of the WP5 workshop 12 and 13 of March. On the agenda was the OOPS proposal and automatisation of the data product creation.*
- *All dataproducts currently available are published on the website at:*
- *http://www.emodnet-biology.eu/component/photogallery/?album=4430*

WP6 – Technical update EMODnet biological portal & link with other portals

4. Specific challenges or difficulties encountered during the reporting period

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

5. User Feedback

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

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
201 February 2015	*Presentation*	*EMODnet biology*	*Presentation on EMODnet biology data products during the VLIZ Youth contact day (> 300 particiapnts)*
201 February 2015	*Demonstration*	*EMODnet biology*	*Demonstration of the EMODnet biology dataportal during the VLIZ Youth contact day (> 300 particiapnts)*

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

- MAREANO - Base-line mapping of hyperbenthic crustacea fauna obtained...
  Monday, March 02, 2015 1:23 PM - This is a update entry with 6,074 records

- MAREANO - Base-line mapping of fauna obtained with grab
  Monday, March 02, 2015 1:23 PM - This is a update entry with 11,760 records

- MAREANO - Base-line mapping of epifauna obtained with Beamtrawl
  Monday, March 02, 2015 1:21 PM - This is a update entry with 7,338 records

- Microzooplankton North Adriatic-ALPE ADRIA Project
  Monday, March 02, 2015 1:20 PM - This is a update entry with 495 records

- POPA- Fisheries Observer Program of the Azores: Marine mammal...
  Friday, February 13, 2015 11:28 AM - This is a new entry with 600 records

- POPA- Fisheries Observer Program of the Azores: Seabird sightings in...
  Friday, February 13, 2015 11:28 AM - This is a new entry with 44,130 records

- POPA- Fisheries Observer Program of the Azores: Accessory species...
  Friday, February 13, 2015 11:16 AM - This is a new entry with 381 records

- POPA- Fisheries Observer Program of the Azores: Discards in the Azores...
  Friday, February 13, 2015 11:16 AM - This is a new entry with 728 records

- POPA- Fisheries Observer Program of the Azores: Fish caught to be used...
  Friday, February 13, 2015 10:59 AM - This is a new entry with 5,747 records

- POPA- Fisheries Observer Program of the Azores: Marine mammal...
  Friday, February 13, 2015 10:58 AM - This is a new entry with 23,517 records

- POPA- Fisheries Observer Program of the Azores: Seabird sightings in...
  Friday, February 13, 2015 10:37 AM - This is a new entry with 3,261 records

- POPA- Fisheries Observer Program of the Azores: Sea turtle sightings...
  Friday, February 13, 2015 10:35 AM - This is a new entry with 97 records

- POPA- Fisheries Observer Program of the Azores: Turtle sightings in...
  Friday, February 13, 2015 10:21 AM - This is a new entry with 3,404 records

- POPA- Fisheries Observer Program of the Azores: Sea bird sightings in...
  Friday, February 13, 2015 10:20 AM - This is a new entry with 357 records

- POPA- Fisheries Observer Program of the Azores: Tuna species caught in...
  Friday, February 13, 2015 10:00 AM - This is a new entry with 27,024 records

- POPA- Fisheries Observer Program of the Azores: Marine mammal...
  Friday, February 13, 2015 10:00 AM - This is a new entry with 1,583 records

- POPA- Fisheries Observer Program of the Azores: Seabird sightings in...
  Friday, February 13, 2015 9:45 AM - This is a new entry with 33,616 records

- POPA- Fisheries Observer Program of the Azores: Marine mammal...
  Friday, February 13, 2015 9:44 AM - This is a new entry with 50 records

- IMR Juvenile fish monitoring
  Tuesday, February 10, 2015 9:58 AM - This is a update entry with 5,615 records

- Macrobenthos monitoring in function of the Water Framework Directive
  Friday, January 30, 2015 2:47 PM - This is a new entry with 3,455 records

- Epibenthos and demersal fish monitoring in function of wind energy...
  Friday, January 30, 2015 2:29 PM - This is a new entry with 2,184 records

- Demersais survey in the Azores between 1996 and 2013
  Tuesday, January 27, 2015 2:25 PM - This is a new entry with 9,837 records

- Microzooplankton North Adriatic-INTERREG Project
  Tuesday, January 27, 2015 9:44 AM - This is a new entry with 5,562 records

- Monitoring of birds in the Voordelta
  Monday, January 19, 2015 1:34 PM - This is a new entry with 15,191 records

- Netplankton North Adriatic-ALPE ADRIA Project
  Friday, January 16, 2015 2:30 PM - This is a update entry with 3,146 records

- Mesozooplankton South Adriatic-PRISMA1-Flussi Project
  Wednesday, January 14, 2015 1:22 PM - This is a new entry with 680 records

- Microphytobenthos North Adriatic-INTERREG Project
  Wednesday, January 14, 2015 10:12 AM - This is a new entry with 1,386 records

- Macrobenthos North Adriatic-ALPE ADRIA Project
  Tuesday, January 13, 2015 4:29 PM - This is a new entry with 3,118 records

- Mesozooplankton North Adriatic-INTERREG Project
  Tuesday, January 13, 2015 3:54 PM - This is a update entry with 426 records

- Mesozooplankton North Adriatic-Gulf of Trieste LTER time-series
  Tuesday, January 13, 2015 3:52 PM - This is a update entry with 4,228 records

- Picoplankton North Adriatic-Gulf of Trieste LTER time-series
  Monday, January 12, 2015 2:16 PM - This is a new entry with 1,087 records

- Phytoplankton North Adriatic-Gulf of Trieste LTER time-series
  Monday, January 12, 2015 2:14 PM - This is a new entry with 11,336 records

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).

Organisation	Country	Type	#
Institute of Marine Research (IMR)	Norway	Research	4
National Institute of Oceanography and Experimental Geophysics (OGS)	Italy	Research	10
IMAR-Azores	Portugal	Research	15
Instiuut voor Landbouw en Visserij (ILVO)	Belgium	Governemental	2
Deltares	Netherlands	Private	1

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

- 161 Data downloads

Indicator 5 - Organisations that have downloaded each data type

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
Mar 2014	1,432	2,699	48,654	71,811	1.89 GB
Apr 2014	1,429	2,618	23,283	32,717	1016.41 MB
May 2014	1,137	2,195	19,325	31,280	1.02 GB
Jun 2014	1,000	1,906	9,392	20,607	1.05 GB
Jul 2014	1,175	3,216	15,584	28,623	1.90 GB
Aug 2014	1,773	3,605	30,971	47,074	2.15 GB
Sep 2014	2,027	3,638	33,414	62,903	2.04 GB
Oct 2014	1,462	2,862	15,046	42,296	1.56 GB
Nov 2014	1,149	1,936	9,026	23,574	866.05 MB
Dec 2014	1,116	1,866	7,523	20,042	784.60 MB
Total	17,347	32,526	328,443	579,489	17.76 GB
Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Jan 2015	1,326	2,764	13,901	28,730	965.37 MB
Feb 2015	1,409	2,641	15,155	26,926	1.67 GB
Mar 2015	1,058	1,974	9,566	25,117	846.53 MB

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.)

Distinct categories

- As I am preparing the phytoplankton historical data in the EMODNET format I would like just to see an example.
- Cable Route Design
- comparison of macroecological theories developed mainly with terrestrial data.
- EIA evaluation
- example of data format
- For analysis, research and publishing analysis if possible citing the origin
- I am organizing a student Research Derby where teams work together using a data set they are unfamiliar with to try to answer an unsolved question. I am currently just trying to look for what data is available that we could use.
- I'm a phd student in computer science, and i work on knowledge extraction from ecosystems datasets, i need this data for my papers thank you so much
- Environmental risks in the Mediterranean Sea
- PhD thesis
- R&D
- requested
- requested data
- Research
- Reviewing EMODNet in preparation for VLIZ-PANGAEA interoperability meeting
- Science
- scientific purpose
- scientific use
- Species distribution modelling, analysis of the impact of wave energy on species distribution
- test
- Testing how data dissemination works at your portal.
- To analyze the structure of the data

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