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Forward

Marine Scotland on-line data platform tops 500 layers

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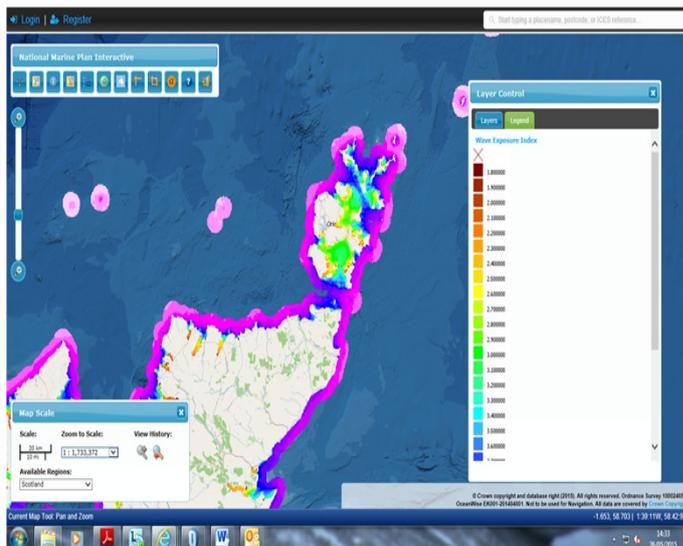
With the Scottish National Marine Plan now [live](#) there is a strong focus to ensure that our data to support it remains up to date and accessible. Marine Scotland National Marine Plan interactive ([NMPi](#)) continues to grow. There are more than 500 layers available to overlay on your PC or take a WMS feed into your GIS.

News

MEDIN attend Cadcorp conference



On 20th May Dr Sean Gaffney from MEDIN presented at the Cadcorp conference, [Blue Growth. An expanding role for GI & GIS in the marine and maritime sectors](#) held in London.



Recent new layer on NMPi - Wave exposure index based on model output by SAMS

New data layers continue to be added and amongst the recent layers are:

- Wave exposure Index based on model output by Scottish Association for Marine Science
- Classified Shellfish Harvesting Areas
- Shellfish Harvesting Areas, Biotxin and Phytoplankton representative monitoring points (RMPs).
- Water Framework Directive - coastal and estuaries layers for 9 monitoring parameters.
- Deep sea habitats for Coral Gardens and Deep Sea Sponge Aggregations
- Economic Analysis - Marine Employment 2012 by Local Authority
- Maritime Transport (Ports and Shipping) - IMO - Traffic routing schemes; IMO - MARPOL areas; Anchor berths and anchorage areas; and Navigation channels (Recommended Routes and Fairways)
- Oil, Gas, Pipelines and Gas Storage - North Sea Interactive (NSI) biological and chemical environmental survey availability for DECC licensed blocks; DECC - Onshore licensed blocks (Coastal); DECC - Onshore blocks offered under 14th round (Coastal).
- Renewable Energy - Crown Estate wind farm export cable agreements.
- Waste Disposal (Waste Water Treatment and Industrial Outfalls) - Industrial (SPRI) marine discharges
- Leisure and Recreation - Scottish Canals
- Regions - North Coast and Orkney Islands - Marine Energy Resources (5 layers)
- Many others layers have been updated.

The 'Feature Information' functionality now works with WMS layer feeds. If you click on 'Feature Information' in the main NMPi control box then if there are appropriate attributes available in the WMS feed these will be displayed.

Marine Scotland continues to work with SEPA, SNH, JNCC and MASTS to develop layers that will be relevant and valuable for marine planning.

[Feedback](#) on NMPi is always welcome.

This article was prepared by [Martyn Cox](#), [Marine Scotland](#).

This free-to-attend conference, discussed some ways in which the greater use of geographic information and geographic information systems (GIS) could help improve coordination between the different policy areas and players in the marine and maritime sectors.

Amongst the attendees were MEDIN sponsors and DAC's, HR Wallingford, OceanWise and CEFAS.

For a record of all presentations given please click [here](#).

MEDIN to hold Open Meeting

MEDIN are starting to get the wheels in motion for this year's Open Meeting.

This one day, free-to-attend open forum is an opportunity to learn about how MEDIN can help you collect, archive and access marine data, review MEDIN activities and discuss issues of relevance and interest.

To be kept up to date with the latest Open Meeting news join the [email distribution list](#).

Pulling it all together



Environmental Research
Infrastructures Providing Shared
Solutions for Science and Society

The Data Team at the MBA, hosts to the DASSH Data Archive Centre (DAC), are one of the 37 partners involved in the ENVRiplus project. ENVRiplus is delivered through a cluster of Environmental and Earth System science Research Infrastructures (RI's) built around the European Strategy Forum on Research Infrastructures ([ESFRI](#)) roadmap. The MBA are acting as a representative of the European Marine Biological Resource Centre ([EMBRC](#)) Research Infrastructure.

The wide-ranging work-programme follows 3 overarching goals:

1. Improving cross-fertilization between infrastructures,
2. Implementing innovative concepts and devices across RIs
3. Facilitating research and innovation in the environmental field to an increasing number of users outside the RIs.

RI's are working alongside technical specialists, to harmonise and develop common strategies and solutions to many of the technology and data-related challenges that are shared within the RI's and wider European community.

Delivered in 19 work packages ranging from sensor technologies and innovation to citizen science and environmental literacy the project will run for 4 years following the kick-off meeting in Helsinki, Finland in May 2015.

The MBA Data Team will be involved in a number of work packages built around data description, cataloguing, archiving and interoperability. The work will contribute to the integration of services from MEDIN DACs within existing European Research Infrastructures and across the marine, freshwater and terrestrial domains. The workplan will develop data citation services for marine biological records (indicative of range-extensions due to climatic change and the tracking and reporting of non-native species). A separate stream will investigate keyword and vocabulary requirements for non-spatial data within existing metadata standards and data guidelines currently in use across Europe and within the RI's.

The ENVRiplus project website isn't available at the time of writing, but for more information on the MBA's involvement or the project in

Workshops and Events

MEDIN Workshops

The next MEDIN workshop is on the 19th of August 2015 (subject to change) at the National Oceanography Centre in Liverpool.

The workshop is free to attend, with lunch provided. Places are limited so if you are interested please contact [Sean Gaffney](#) to register.

For more information on this and future workshops please visit the MEDIN website using the button below.

[MEDIN Workshops](#)

Marine Science Events Calendar 2015

Visit the on-line UK Marine Science Events Calendar for information on national and international events relevant to the UK marine science community.

general please contact [Dan Lear](#).

This article was prepared by [Dan Lear](#), [DASSH](#)



New MEDIN workshop format

MEDIN ran the first of its new-format workshops at BGS Murchison House in Edinburgh on 10 June.

Since autumn 2011, MEDIN have been running separate day-long workshops on their Data Guidelines and their Discovery Metadata Standard. While feedback from these workshops has been positive, MEDIN became aware that attendees at one workshop were expressing interest in the subject of the other workshop e.g. people attending the Guidelines workshops were looking for detailed information on the Discovery Metadata Standard and vice versa.

MEDIN have addressed this by re-formatting the workshops into a modular structure, with both the Data Guidelines and the Discovery Metadata Standard being covered in a single one day event; the Guidelines are now addressed in the morning module and the Discovery Metadata Standard is the focus of the afternoon module. This allows people to choose between attending a full day, or a half day depending on their specific requirements. MEDIN spread the venues for the workshops throughout the UK in order to maximise access to them.

The Edinburgh workshop was the first one run under the new modular structure. Feedback from the workshop attendees was very positive, with them complimenting the MEDIN team on the good practical-oriented sessions and excellent instruction.

For people who are interested, there are still plenty of spaces available on the remaining MEDIN workshops for 2015/16; in Liverpool (19 August); London (8 December); and BGS Keyworth (9 March 2016). MEDIN are also happy to provide bespoke training on the Data Guidelines and the Discovery Metadata Standard to organisations who have numbers of people who could benefit from the training. Please contact [Sean Gaffney](#) for further details.

This article was prepared by [Dr Sean Gaffney](#), member of the MEDIN Core Team.

Jobs



Natural Resources Wales has the following vacancies:

[Environmental Data Manager](#)
[Water Quality Data Support Officer](#)
[Environment Data Support Officer](#)

The purpose of the posts are to assist and support, develop and deliver an NRW-wide service that helps staff to capture manage, mobilise, quality assure, collate, use and disseminate environmental evidence. This will involve working with a wide range of people, both internal and external, as well as working closely with colleagues in IT to develop and implement appropriate tools.

There are three posts, fixed term until March 2016.

The closing date is 30th June.

EMODnet Open Conference



The European Marine Data and Observation Network (EMODnet) consists of more than 100 organisations assembling marine data, products and metadata to make these fragmented resources more available to public and private users relying on quality-assured, standardised and harmonised marine data which are interoperable and free of restrictions on use.

EMODnet is currently in its second development phase with the target to be fully deployed by 2020.

Further information is available on the [EMODnet web-site](#) and through the recently released promotional video below.



Introduction to the European Marine Observation and Data Network (EMODnet)

[Past Issues of Marine Data News](#)



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Website

If you are interested in supplying an article, or you wish to advertise an upcoming workshop or event in Marine Data News please contact:

[MEDIN enquires](#)