

SIMPLE ONLINE ACCESS TO MARINE SURVEY DATA USING THE IMERS WEB INTERFACE

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IMERS (or Integrated Marine Environmental Readings and Samples), the data system used at VLIZ for storing marine survey data, is in continuous growth. In the previous year, some important progress was made in the realisation of online access to the data that is stored in the data system. With the development of a web interface for the IMERS database users now have the ability to query the database through the internet and to export the retrieved data in various common formats.

The interface that was set up consists out of three main parts. First, there is a querying interface that allows people to build and submit their queries based on various criteria like, parameter, temporal scope, geographical scope and taxonomy. Secondly, there is a results page displaying the results or readings retrieved from the database. Finally, there is a webpage dedicated to the details of each of the readings. On the results page, some export functionalities are provided, allowing the user to extract the data from the database in a desired format and to draw maps of the relevant stations.