

Open OceanMap

Tool Name *	Open OceanMap
Category *	Data Management or Collection Communication Spatial Analysis:
What step(s) in framework *	2b. Pressures and Impacts 5. Assessment of Findings against Operational Objectives
Description *	<p>Open OceanMap is a data collection tool used to collect local expert knowledge in support of marine spatial planning. Open OceanMap allows the user to collect and compile ecological and economic data through an intuitive stakeholder interview process. The tool provides interviewees with a web-based interface to review and verify information and aggregates data to ensure confidentiality.</p> <p>OceanMap, a standalone software module developed by Environmental Defense Fund, provides the basic functionality that Ecotrust has transformed into Open OceanMap.</p> <p>The open source software solution PyQt is used to write the Open OceanMap application in Python, which allows for distribution on any desktop platform – utilizing the highly scalable and very popular QT system. We used the Python bindings to the QGIS open source desktop GIS system to provide a mapping component to the application. Additionally, an open source installer framework called INNO was used to create a fully functional Windows-based installer for the application.</p> <p>Open OceanMap now includes a companion QA/QC tool with a web-based interface, allowing interviewees to log in and verify the information they provided and, if needed, supply comments to the analysts responsible for reviewing the data</p>
Inputs	
Data Quality Required	
Modification Required	Not available
Expertise Required	Not available
Outputs	Not available
Spatial and Temporal Scales	Not available
Licence Cost Issues	No:
Download	http://www.ecotrust.org/ocean/OpenOceanMap.html
Literature: References & Manuals *	http://www.ecotrust.org/ocean/OpenOceanMap.html http://www.spatial.redlands.edu/sds/ontology/?n=SDSSTool:OpenOceanMap
EVALUATION	
Thumbnail	There are no images attached to this page.

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13-08-2013 by Myra van der Meulen

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