

DATA ACCESS HELP GUIDANCE

Padjadjaran Oceanographic Data Centre (PODC)

“Scientific collaborations between international actors will ensure a sustainable ocean management that is scientifically sound, and underpinned by an open ocean data for everybody to access.”



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Data Access Help Guidance

A. Introduction

The Padjadjaran Ocean Data Center (PODC) provides an access application which offers a wide variety of download and subsetting options for a growing collection of environmental data. While current offerings are limited primarily to ocean environment and atmosphere information, the application has a data-agnostic infrastructure designed to accommodate a broad spectrum of observation formats from multiple data sources.

All Padjadjaran Ocean Data Center (PODC) data are free to everyone who has an Internet connection. Data may be used in proposals, the scholarly record, classroom materials, and other scientific investigations. The Padjadjaran Ocean Data Center (PODC) is made accessible to any citizen, and any organization around the world on a free, full, and open basis.

B. Data Catalogue

This catalogue contains a comprehensive list of information products relevant to the various Padjadjaran Ocean Data Center (PODC) data services.

Atmospheric	Physics	Chemistry	Biology	Ecosystem
Wind speed	Water temperature	Total suspended solid (TSS)	Diversity	Mangrove
Air temperature	Ocean current speed	pH	Density	Coral reef
Humidity	Ocean current direction	Dissolved oxygen		Seagrass
Pressure	Waves speed	Chemistry dissolved oxygen		Estuary
Wind direction	Waves direction	Biological dissolved oxygen		
	Tides	Nitrate		
	Salinity	Phosphohate		
	Bathymetry	Silicate		
	Wave period	Nitrites		
	River discharges	Lead		
	Wave heights			
	Density			



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C. How to Access Data

For accessing data, you can go further to the website <https://isea-podc.org>, then click the button “Get Data Access”.

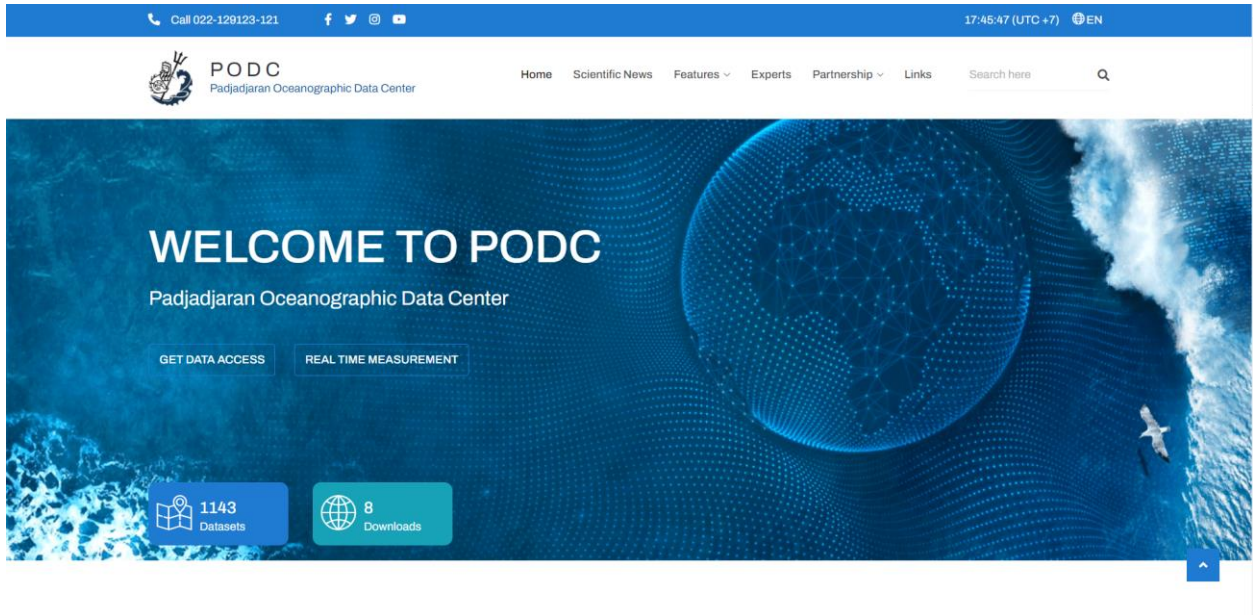


Fig 1. The Home Page of PODC



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You can access our available data in the Data Access menu. There are several steps in accessing the data, such as creating a subset, applying filters, and more. Detailed instructions for accessing the data are given below:

1. **Creating a subset:** This stage provides you with the ability to create an area of interest (AOI) to search for available data that suit their research area. Or if needed, you can also click the “Select All” option to download all the available data in our database.

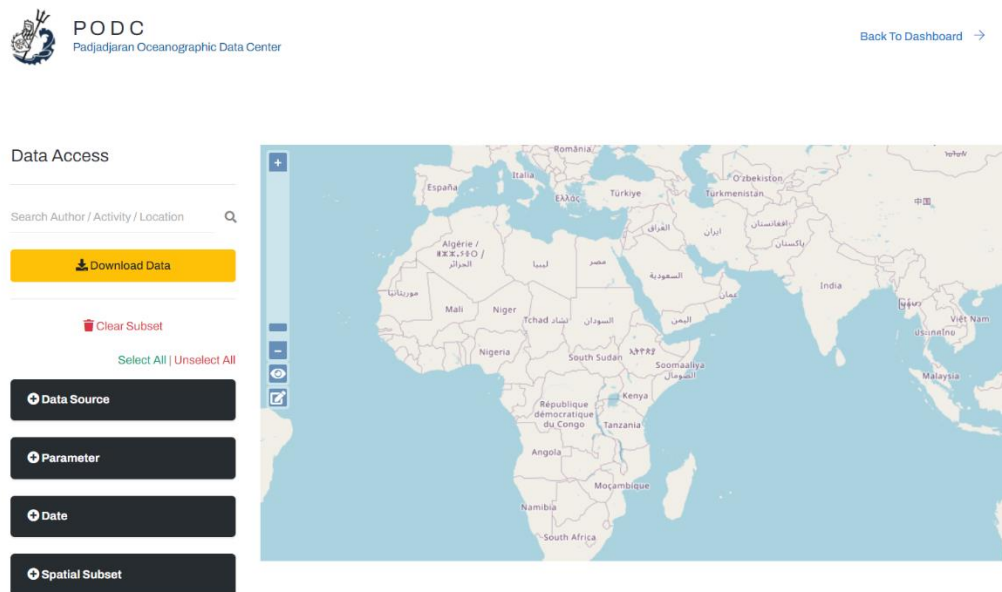


Fig 2. The Data Access page

You can create a spatial subset by drawing a rectangle of their AOI by pressing SHIFT + Left Click in the map. Another way to create a spatial subset is by entering the North, West, South, and East boundary coordinates of the you’ designated AOI in the bottom left corner of the Data Access Page.



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2. Applying filters: This stage allows you to filter the desired dataset by several categories. You can filter their desired dataset by Data Source, Parameter, and Date.

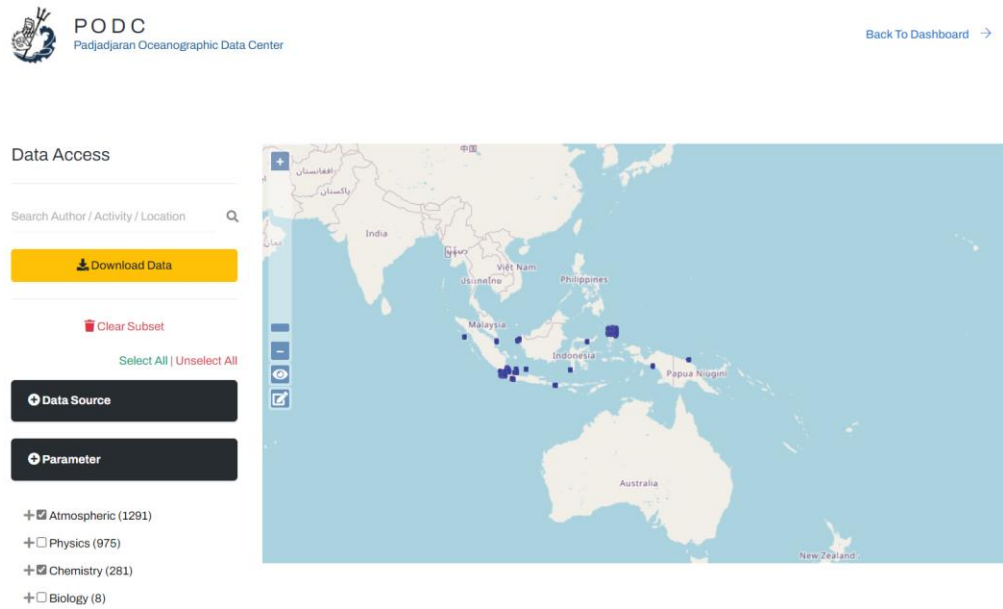


Fig 3. Example of applied filters.



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3. **Download:** This last stage is a straight-forward process. After you already have your desired dataset, with your desired AOI, and with your applied filters, then you can download your dataset with just a single click. The download button is located in the top left of the Data Access page.

Another way of learning how to access and download datasets from our website is by watching video Tutorial that provides a visual overview for searching, subsetting, and downloading data from the PODC Data Portal.

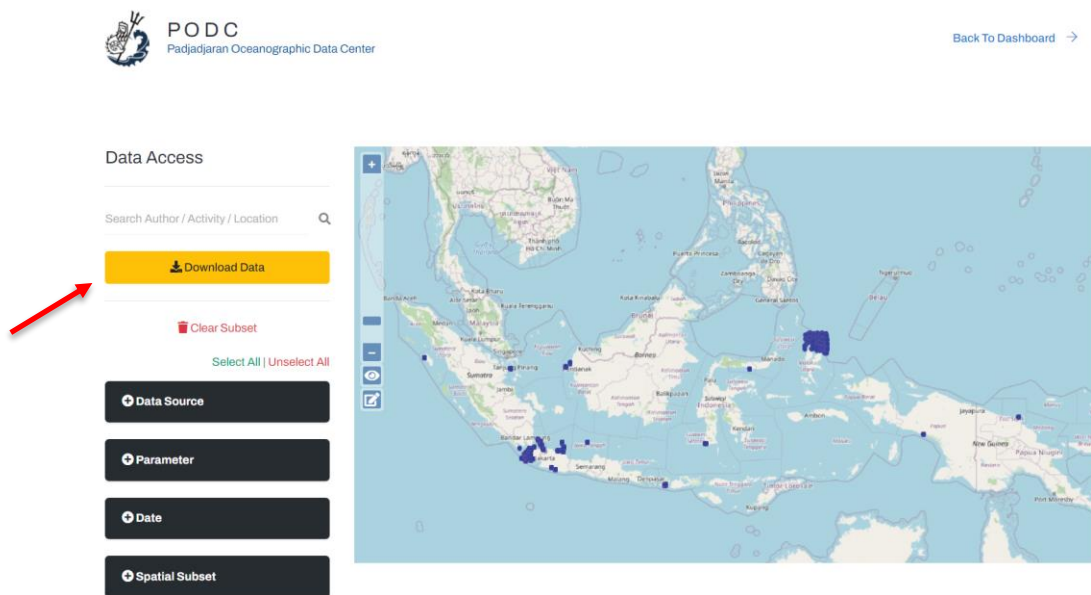


Fig 4. Location of the download button



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D. How to Cite Data from Our Website

The “Padjadjaran Ocean Data Center” should be cited as the source for any data used in research projects or papers derived from ARHEA instrumentation, including posts on social media where a link to the Padjadjaran Ocean Data Center (PODC) data must be provided.

a. General Data Source

When citing PODC as the general data source, we encourage authors to use the following format:

Padjadjaran Ocean Data Center,

<http://isea-podc.org>. Downloaded on (date_accessed).

b. Specific Instrument and Time Frame

Padjadjaran Ocean Data Center,

<http://isea-podc.org>, (data_type, instrument_name) data from (start_date) to (end_date).

Downloaded on (date_accessed).

For example: Padjadjaran Ocean Data Center, <http://isea-podc.org>, Bathymetry (ARHEA) data from 25 January 2021 to 25 April 2021. Downloaded on 17 June 2021.

E. Please Share Your Work

If you do use Padjadjaran Ocean Data Center (PODC) data in your research and publications, please let us know. Please send us a citable reference or electronic reprint. We will add it to the PODC publication list to share with the PODC community and inform others how PODC data is being used to advance our understanding of ocean processes.

For any further information or assistance please contact us:

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Public Relation

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