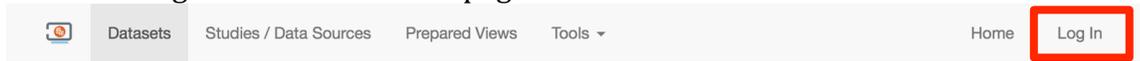


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Accessing Palmer LTER Data (Instructions for Datazoo)

1. Datazoo is the name of the data catalog (online data portal) for all of the available online Palmer LTER data. You can access it via: <http://pal.lternet.edu/data> (click on “Go to Catalog”) OR <http://oceaninformatics.ucsd.edu/datazoo/data/pallter/datasets>
 - a. To download data you will **need to log in** by selecting the “Log In” button in the top right corner of the webpage.



- b. Register as a public user, by putting in your name, email, and Education (K-12)

Data Use Policy

The data available here are intended for scholarly use by the academic research community, with the express understanding that data users will properly acknowledge the originating investigator. Use or reproduction of any material herein for any commercial or redistribution purposes is prohibited without prior written permission from the responsible party.

By agreeing to this Data Use Policy, you are also agreeing to the respective data acknowledgment policies of each project.

Local Users:

Log in with your IOD username and password for access to private datasets and data and metadata management interfaces.

Username:
Password:

Public Users:

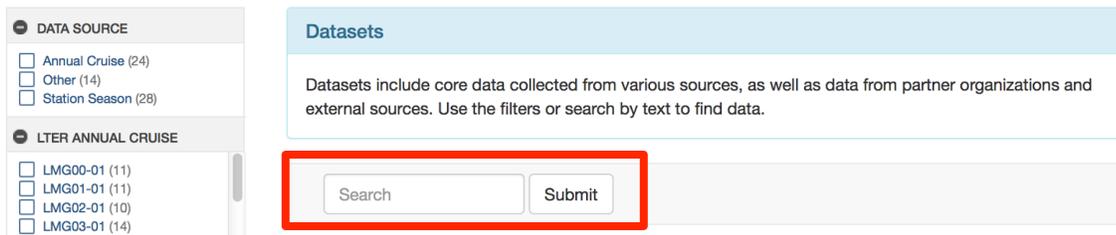
Enter your name and email address to gain access to public data. Your email address will not be distributed to any other sources.

Name:
E-Mail:
Use:

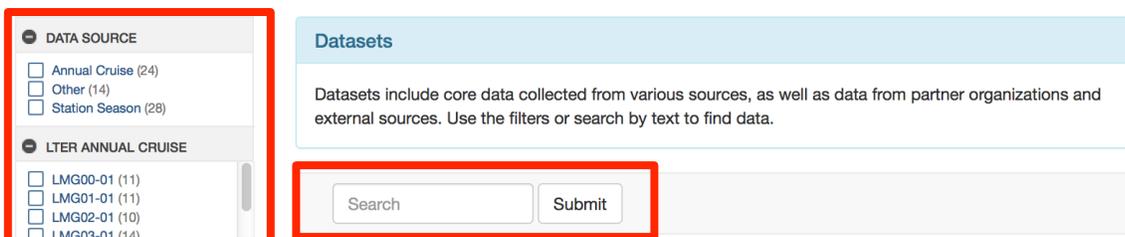
- c. Once registered, click “Return to Previous Page” at the bottom of the Public Users section to begin to search for data.
2. There are multiple ways to search through the available data sources.

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- a. If you know a specific data source you are interested in finding (e.g., Adelie, diet, chlorophyll) then you can type the term(s) into the Search field in the center of the page and click “Submit”



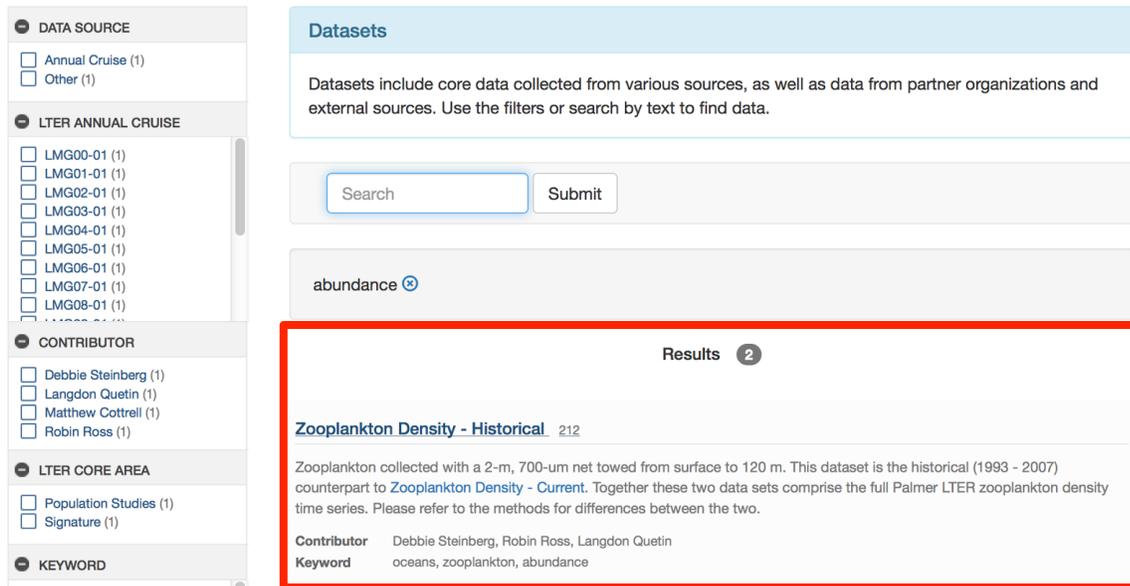
- b. If you are not certain of a specific data source you are interested in finding, you can look through the various categories along the left-hand side of the page to select from the options. Click on an option to select it and then click Submit in the Search feature section at the top of the page.



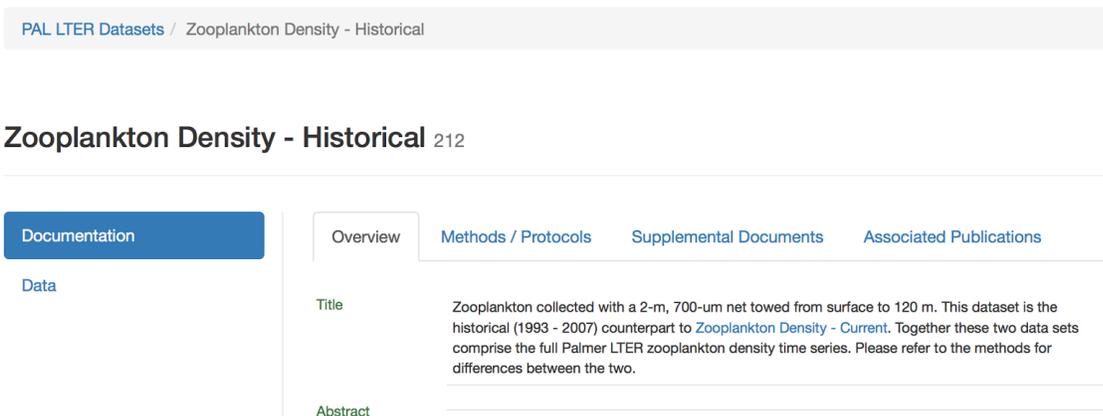
- i. *Data Source* - this is how/where the data were collected (remember the Palmer LTER project has scientists both on a research cruise out in the Palmer Research Station)
- ii. *LTER Annual Cruise* - you can select a particular year of the research cruise to access data which were collected aboard the vessel from the selected year(s)
- iii. *Station Season* - you can select a particular field season of the data collected by the researchers based at the U.S. Palmer Research Station from the selected field season(s) [note - the field season is during the austral summer, so field season spans the calendar year, hence PAL0001 is the Palmer field season from 2000 to 2001]
- iv. *Contributor* - you can select data collected by a specific researcher participating in the Palmer LTER project

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- v. *LTER Core Area* - you can select the data relevant to each of the 6 core areas of the Palmer LTER project (disturbance patterns, inorganic matter, organic matter, population studies, primary production, signature)
 - vi. *Keyword* - you can select data relevant to 68 different pre-selected keywords that may be of interest to you (e.g., biomass, climate, ecosystem, nutrients)
- c. All of these options will automatically populate a list of relevant/selected data sources in the Results section under the Search feature in the center of the page.



3. Select a data source by clicking in the data source's blue title.
- a. You will be directed to a page with information about that specific data source. "Documentation" will be highlighted as the default and that includes [note - not all datasets have information for every field]:
 - i. Overview - title, abstract, projects, creators, contact, keywords
 - ii. Methods/Protocols - title, description
 - iii. Supplemental Documents
 - iv. Associated Publications



- b. To access the data, click on the "Data" button on the left-hand side of the page

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- b. If you do NOT want all of the variables and/or all of the data sources/studies, then you can click on the variable or data source/study to remove it from the right hand column of data to be downloaded into the left hand column of data not included in the download.

PAL LTER Datasets / Zooplankton Density - Historical (212) / ZooplanktonDensityHistorical (data table)

Zooplankton Density - Historical ²¹²

Data Table: ZooplanktonDensityHistorical

Description: Main data table for dataset

Estimated retrieval time for this dataset: ~ 1 (s)

Data Fields

Select All | Unselect All

CruiseTow
CruiseName



Event
Tow
GridLine
Grid Station
Date GMT
TimeStart GMT
TimeLocal CLST
LatitudeStart
LongitudeStart

Data Sources / Studies

Select All | Unselect All

PD93-01
PD94-01



PD95-01
PD96-01
PD97-01
LMG98-01
LMG99-01
LMG00-01
LMG01-01
LMG02-01
LMG03-01

 Download Data

- c. When you have finalized your selection of what data to download, click the blue “Download Data” button.
5. If the request for data is successful, a green bar with “Data Query Successful” will appear below the blue “Download Data” button.

 Download Data

Data Query Successful

 Preview Data	 Download CSV	 Download XLS	 Plot Data
Created		2016-05-27 12:26:01	
Expires		2016-05-28 12:26:01	
1212		Records	
47.5 KB		Size (CSV)	

- a. Preview Data - enables you to look at the data table in a new tab webpage
- b. Download CSV - enables you to download the data table as a .csv file (a table structured format of the data that you can open in a variety of software programs)
- i. If clicked, the file will download onto your computer and you will be prompted to save or open the file.
 - ii. Once you have saved or opened the file you can access the data in whatever software program that accepts .csv files.

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- c. Download XLS - enables you to download the data table as a .xls file to open in Microsoft Excel
 - i. If clicked, wait for the green “XLS Ready” button to appear and then click the button to be prompted to save or open the file.
 - ii. Once you have saved or opened the file you can access the data in Microsoft Excel (or other software programs that accept .xls files).
- d. Plot Data - pulls up a widget on the page that enables you to select which aspects of the data you want to plot within the webpage [note - this should be treated as a way to do a quick look at the data, it should NOT be used as a way to visualize the data for analysis]
 - i. The data can be viewed in the following different data visualization formats (if the data are appropriate for that form of data visualization): time series, scatter, box plot, contour, map contour