



# WORKSHOP

## An Introduction and practical use of European marine data Infrastructures

# PANGAEA



## Hands-on data user session

Stéphane PESANT





# Hands-on - Instructions

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## **Define yourself a set of search criteria:**

- Identify a geographic area with free text
- Identify a geographic area with latitudes & longitudes
- Identify a depth range
- Identify a time period
- Identify one or several parameters

## **For example:**

- Black Sea
- LonMin=+27; LonMax=+43; LatMin=+39.8; LatMax=+47.2
- 0-100 m
- 1900-2000
- temperature



# Hands-on – Google-like portal

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(15 minutes)

Google-like portal: <http://www.pangaea.de/>

Advanced Search: <http://www.pangaea.de/advanced/advsearch.php>

Instructions:

Use your search criteria to find data sets

Browse data sets in HTML

Download data sets



# Hands-on – Data Warehouse

(15 minutes)

Try the Data Warehouse, using a list of data sets from step 1

Logged in as **pesant** (log out, profile)

Always quote citation when using data!

More than 10000 datasets found on search for »temp«

Show Map Google Earth Data Warehouse

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Instructions:

Use your search criteria to find data sets

Select parameters and methods of interest

Download a data compilation

Inspect the resulting data file



# Hands-on – Web Services

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(15 minutes)

Web service description: <https://ws.pangaea.de/dds-fgp/>

Instructions:

Use your search criteria to build a web service call

Launch the call and download the file

Inspect the resulting data file