The European Sea Level Service delayed-mode tide gauge data portal

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Data files are created in the ESEAS format. This is an ASCII format based on the format developed under the ESEAS-RI project.

The validator software is a standalone java program that anyone can use, providing they have java installed on their computer.

The software checks the heading metadata are valid by accessing controlled vocabularies delivered as a BODC web service.

If the data originator has updated some of the data that already exist in the database, then the checking software ensures that only the more recent data are kept.

If the originator decides to keep adding to one large file on their ftp site, for example adding a month of data at a time, then the software will only load the new data into the database, and not reload the whole file.

Users are asked to register so that the data originators can be supplied with basic statistics such as who is accessing their data (delivered at a category level, e.g. academic request, commercial organisation, private individual, government agency) and how many requests are made for their data in a given time period.

The delivery software extracts the data from the database and delivers it in the ESEAS data format.

Data Acquisition

Originators create files in the ESEAS format and validate them

Originators place files on their ftp site

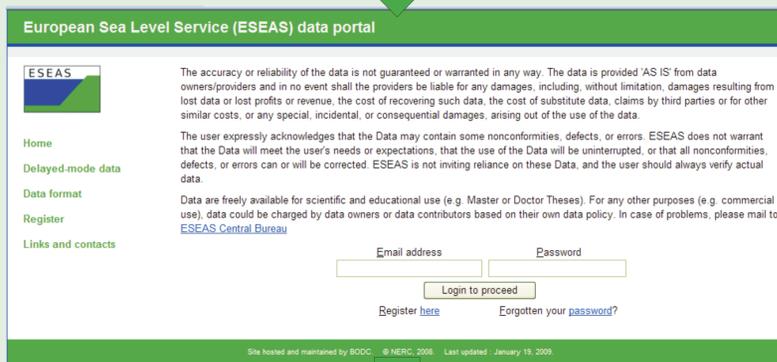**BODC collect data**

www.eseas.org

Data Validation

Files are validated by BODC

Data are checked and compared with existing data in the database

New or updated data are loaded into the database

Data Discovery

Users register/log in

Data Delivery

User searches for data using a number of criteria

Data and documentation delivered in ESEAS format

Request is logged