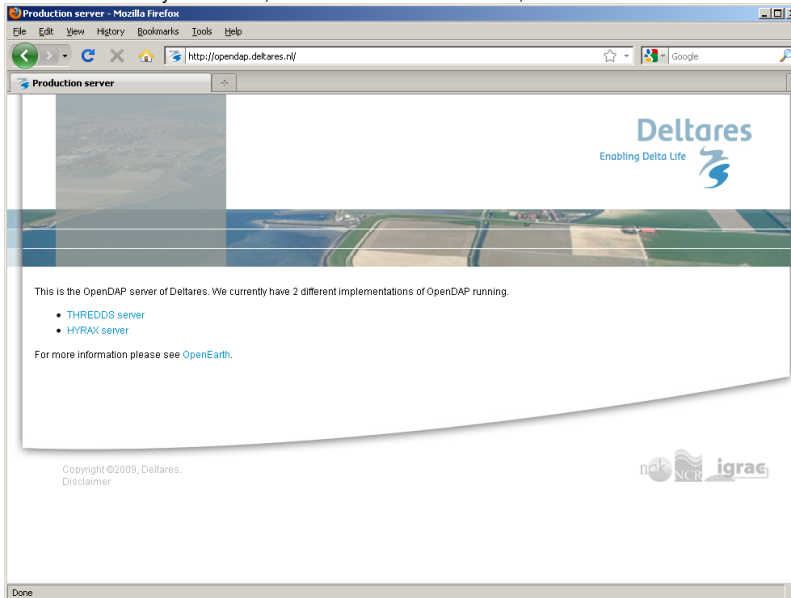
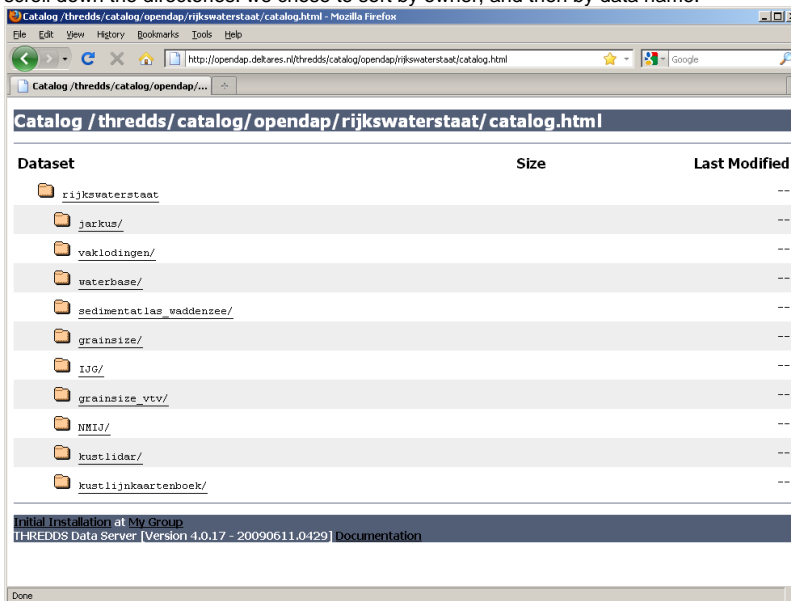


# OPeNDAP access with browser

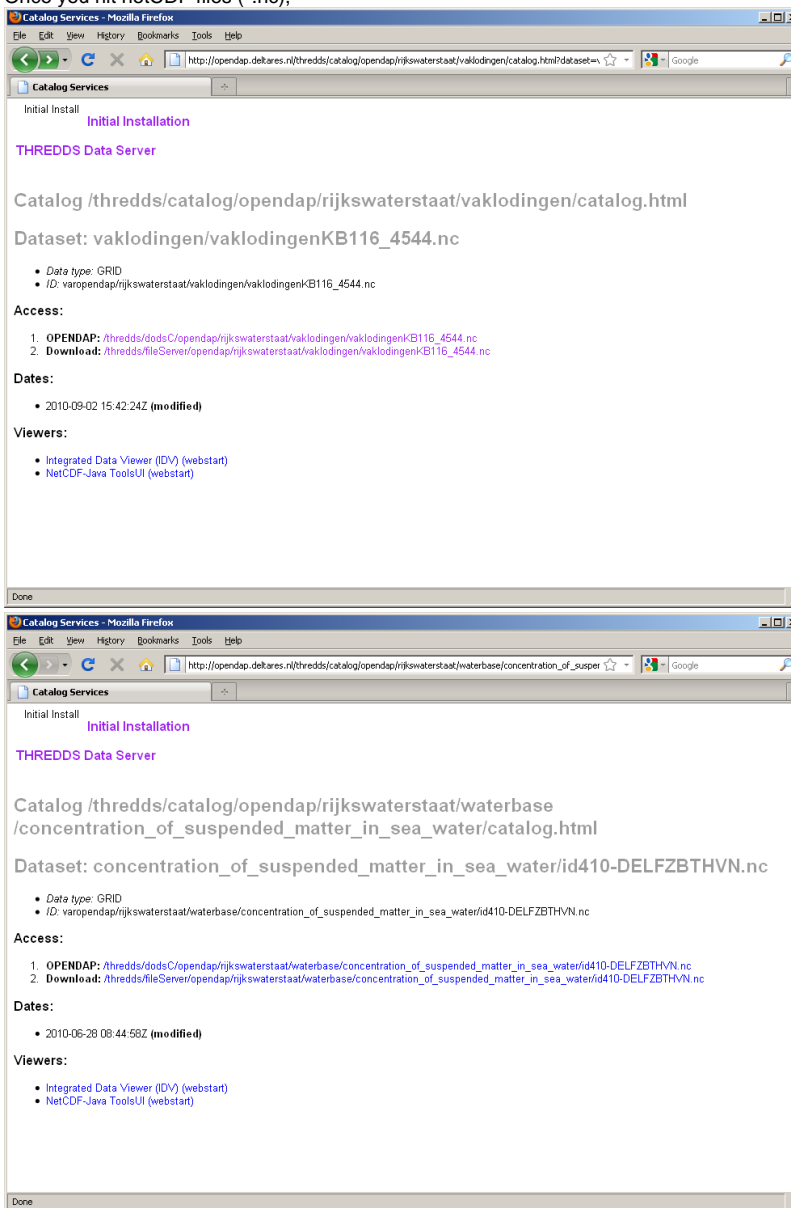
1. Go to an OPeNDAP server, e.g. [opendap.deltares.nl](http://opendap.deltares.nl). A growing list of external OPeNDAP servers is [here](#). OpenEarth has two implementations of OPeNDAP operational running on exactly the same file server: [THREDDS](#) and [HYRAX](#). Because they serve the exact same data, it does not matter which one you choose, we choose THREDDS here, because that one seems to have a wider use.



2. scroll down the directories: we chose to sort by owner, and then by data name.



3. Once you hit netCDF files (\*.nc),



click on it

- after which you can choose for old-fashioned plain download (2. download), not recommended, as the netCDF files might be very big (GBs):

Catalog Services - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://opendap.deltares.nl/thredds/catalog/opendap/rijkswaterstaat/vaklodingen/catalog.html?dataset=vaklodingen/vaklodingenKB116\_4544.nc

Catalog Services

Initial Install

Initial Installation

THREDDS Data Server

Catalog /thredds/catalog/opendap/rijkswaterstaat/vaklodingen/catalog.html

Dataset: vaklodingen/vaklodingenKB116\_4544.nc

- Data type: GRID
- ID: varopendap/rijkswaterstaat/vaklodingen/vaklodingenKB116\_4544.nc

Access:

- OPENDAP: /thredds/dodsC/opendap/rijkswaterstaat/vaklodingen/vaklodingenKB116\_4544.nc
- Download: /thredds/fileServer/opendap/rijkswaterstaat/vaklodingen/vaklodingenKB116\_4544.nc

Dates:

- 2010-09-02 15:42:24Z (modified)

Viewers:

- Integrated Data Viewer (IDV) (webstart)
- NetCDF-Java ToolsUI (webstart)

Opening vaklodingenKB116\_4544.nc

You have chosen to open

**vaklodingenKB116\_4544.nc**

which is a: NC file

from: http://opendap.deltares.nl

What should Firefox do with this file?

☒ Open with: HDFView.exe

☐ Save File

☐ Do this automatically for files like this from now on.

OK Cancel

Done

Catalog Services - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://opendap.deltares.nl/thredds/catalog/opendap/rijkswaterstaat/waterbase/concentration\_of\_suspe.../catalog.html

Catalog Services

Initial Install

Initial Installation

THREDDS Data Server

Catalog /thredds/catalog/opendap/rijkswaterstaat/waterbase/concentration\_of\_suspended\_matter\_in\_sea\_water/catalog.html

Dataset: concentration\_of\_suspended\_matter\_in\_sea\_water/id410-DELFZBTHVN.nc

- Data type: GRID
- ID: varopendap/rijkswaterstaat/waterbase/concentration\_of\_suspended\_matter\_in\_sea\_water/id410-DELFZBTHVN.nc

Access:

- OPENDAP: /thredds/dodsC/opendap/rijkswaterstaat/waterbase/concentration\_of\_suspended\_matter\_in\_sea\_water/id410-DELFZBTHVN.nc
- Download: /thredds/fileServer/opendap/rijkswaterstaat/waterbase/concentration\_of\_suspended\_matter\_in\_sea\_water/id410-DELFZBTHVN.nc

Dates:

- 2010-06-28 08:44:58Z (modified)

Viewers:

- Integrated Data Viewer (IDV) (webstart)
- NetCDF-Java ToolsUI (webstart)

Opening id410-DELFZBTHVN.nc

You have chosen to open

**id410-DELFZBTHVN.nc**

which is a: NC file

from: http://opendap.deltares.nl

What should Firefox do with this file?

☒ Open with: HDFView.exe

☐ Save File

☐ Do this automatically for files like this from now on.

OK Cancel

Done

- or access meta-info through the OPeNDAP protocol (1. opendap). For some datasets we provide [Google Earth overviews](#) which takes you directly via a deep-link to this meta-info page.

OPeNDAP Dataset Access Form

Tested on Netscape 4.61 and Internet Explorer 5.00.

**Action:** [Get ASCII](#) [Get Binary](#) [Show Help](#)

**Data URL:** <http://opendap.deltareis.nl/thredds/dodsC/opendap/rijkswaterstaat/vekloddi>

**Global Attributes:**

```

title: "Veklodingen"
source: "The measurements are described in http://public.deltareis.nl/download/attachments/8553849/AGI-2005-GSMH-012.pdf"
references: "http://public.deltareis.nl/download/attachments/8553849/AGI-2005-GSMH-012.pdf"
institution: "Rijkswaterstaat"

```

**Variables:**

☐ **crs: 32 bit Integer**

crs:

spatial\_ref: "PROJCS[\"Amersfoort / RD New\",  
GEOGCS[\"Amersfoort\",  
DATUM[\"Amersfoort\",  
SPHEROID[\"Bessel 1841\", 6377397.155, 299.1528128,  
AUTHORITY[\"EPSG\", \"7004\"]],  
AUTHORITY[\"EPSG\", \"6289\"]]"

☐ **lat: Grid**

y:  x:

standard\_name: "latitude"

units: "degrees\_north"

Done

OPeNDAP Dataset Access Form

Tested on Netscape 4.61 and Internet Explorer 5.00.

**Action:** [Get ASCII](#) [Get Binary](#) [Show Help](#)

**Data URL:** [http://opendap.deltareis.nl/thredds/dodsC/opendap/rijkswaterstaat/waterbase/concentration\\_of\\_suspen](http://opendap.deltareis.nl/thredds/dodsC/opendap/rijkswaterstaat/waterbase/concentration_of_suspen)

**Global Attributes:**

```

title: ""
institution: "Rijkswaterstaat"
source: "surface observation"
history: "Original filename: id410-DELFZETRON-  
164810240000-201006250000, version: 1, filedate: 25-Jun-2010 15:40:38,  
transformation to netCDF: filename: https://repos.deltareis.nl/repos

```

**Variables:**

☐ **station\_id: Array of Strings [locations = 0.0]**

locations:

long\_name: "station identification code"

standard\_name: "station\_id"

units:

strlen: 10

dimName: name\_strlen1

☐ **station\_name: Array of Strings [locations = 0.0]**

locations:

long\_name: "station name"

units:

Done

1. This in the 'DataURL' box can copied into in OPeNDAP-enabled netCDF clients, see []: