OpenEarth

PostgreSQL — PostGIS Geospatial Objects for PostgreSQL — GeoServer

Sprint session:
web-based databases for point data & ecological data

(Coastal) data are of paramount importance for science and policy. OpenEarth has made available a plethora of open datasets via uniform web access: *DataTube.* For grid data netCDF-CF-OPeNDAP are used, while for point data and ecological data an open source relational database (RDBMS) is used with GIS add-on: PostgreSQL-PostGIS-GeoServer.

In Oct. 2012 OpenEarth won the Dutch Data Award for beta-sciences from 3TU.Datacentre & DANS.

In this afternoon sprint session an introduction will be given on the use of Object-Relational DataBase Management Systems (ORDBMS). We advocate the use of web-based databases.

After a general introduction our experts are available for training with clients mentioned below. We advise to bring your own laptop with your own favorite software, but we have some laptops available too. We will work with available ICES, BWN, PMR and Zandmotor data, and will teach you how to add your own.

We focus this session on making it useful to you regardless of which data processing software you use:

- PGAdmin III (windows)
- Python
- R
- Matlab (incl. workaround for those without database toolbox license)
- ArcGIS
- QuantumGIS

This OpenEarth session is organized in the frameworks of:

- Building with Nature DM (www.ecoshape.nl)
- PMR-NCV
- PMR-NSW
- Zandmotor

For more info: www.OpenEarth.nl

When: *Tuesday 2012 Dec 18th*
Where: *Deltares, Delft.*

Time: *13:00 - start*
        16:30 - drinks

Sign-up: *Joost.Boerboom@deltares.nl*

Bring your own laptop & data!