sprintsession 2 dec on OPeNDAP, Google Earth, OGC services

Nationaal Modellen- Data en Centrum & OpenEarth on behalf of Building with Nature jointly organize two sprint sessions on live web access to data, version controlled tools and Google Earth feeds. The morning and afternoon sessions can be attended separately.

- when: Friday December 2nd, 10:00-16:00
- where: KNMI, Wilhelminalaan 10, de Bilt. route: www.knmi.nl/contact
- Sign-up: gerben.deboer<at>deltares.nl & plieger<at>knmi.nl
- **!! Bring your own data and laptop !!**

Friday December 2nd

- 09:30 - 10:00 coffee
- 10:00 - 12:00 **Google Earth plotting**
  You will get a free account for OpenEarthTools which contains the open source GooglePlot toolbox for Matlab™. This allows you to plot any data directly into Google Earth™ using the KML standard. In addition we will discuss the OGC Web Mapping Service (WMS) standard for exchange of graphics over the web, which is also supported in Google Earth and GIS packages. Several WMS services will be demonstrated using the KNMI ADAGUC portal which serves spatio-temporal data (e.g. neerslagradar).
- 12:00 - 13:00 lunch
- 13:00 - 16:00 **OPeNDAP data cloud**
  How to use data from an OPeNDAP/netCDF data cloud with Matlab, Python and R. Deltares and KNMI have both OPeNDAP servers running with open data. Access to several datasets will be demonstrated during the session. We will install the required open source toolboxes and explore the available open data. A virtual machine image with OPeNDAP examples for R and python will be provided. In addition we will discuss and demonstrate the OGC Web Coverage Service (WCS) standard for exchange of gridded data products over the web.
- 16:30 + drinks

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