

## Exploration of online data sources

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The amount of data that is provided online is increasing rapidly. Vector and raster data are provided with the spatial extent ranging from the national to global. Some of this data could be useful for your term project, but in any case it is useful to get acquainted with data providers and to gain insight in what the data consists of. Therefore, you will explore some of these data yourself and present them to your peers. All students are divided over two groups (Processed datasets, and remote sensing (RS) data, Table 1) and both groups will pitch their data during the start of one of the first practicals.

Each student should prepare a **2 minute pitch** in powerpoint with a maximum of three slides. The data should be presented by a visualization and described if possible in terms of file format, file size, update frequency, quality, scientific reference and whether the data are available as open access. The data each student has to describe is given in table 1.

Dates:

1. Processed dataset are pitched on Tuesday 16 February
2. Remote sensing datasets are pitched on Tuesday 2 March

Table 1 Dataset assignment to students with the groups of processed datasets and remote sensing datasets.

Last Name	First Name	Data exploration assignment	2 min presentation on
Bannink	Lucas	Processed datasets	NL - AHN, Actueel Hoogtebestand Nederland
Batoukhline	Igor	Processed datasets	GLOBAL - openstreetmap
Bosma	Els	Processed datasets	NL - top10vector
van den Broek	Stijn	Processed datasets	NL - BAG Basisadministratie Adressen en Gebouwen
Drumev	Rosen	Processed datasets	EU - Corine Land Cover 2018
Fairbairn	Matthew	Processed datasets	GLOBAL - SRTM-DEM, Digital Elevation Model
Faria Rodrigues	Bruno	Processed datasets	GLOBAL - GRIP, global patterns of road infrastructure, PBL
franke	Hans	Processed datasets	NL - Bodemdalingskaart
Habib	Madina	Processed datasets	GLOBAL - GSHHG, Global Self-consistent, Hierarchical, High-resolution Geography Database, shorelines
Havermans	Stephan	Processed datasets	NL - Bodemkaart van Nederland
Hendriks	Mirthe	Processed datasets	EU - Soil map
ten Heuvel	Thomas	Processed datasets	GLOBAL - CMIP5, Climate model intercomparison project
van der Hoeven	Bas	Processed datasets	GLOBAL - ERA Interim, reanalysis data
Hsieh	Oscar	Processed datasets	GLOBAL - HadISD: global sub-daily station dataset

de Jong	Tjalling	RS data	Sentinel-1
KONSTANTAKOPOULOS	IOANNIS	RS data	Sentinel-2
Mustafaraj	Ted	RS data	Sentinel-3
Nicolai	Jos	RS data	Sentinel-4
Quinlan	Michael	RS data	Sentinel-5
Schouten	Rick	RS data	MODIS
Steenhoven	Eva	RS data	ASTER
Swens	Ernst Paul	RS data	Planet monitoring, see planet.com
Verberg	Govert	RS data	Landsat-8
Vilar Castellar	Nander	RS data	SPOT-7
Vogelzang	Jasper Robert	RS data	CBERS, China-Brazil Earth Resources Satellites
Vreugdenhil	Rosanne	RS data	ICESat-2
van der Werf	Max	RS data	TRMM
Çelik	Cantürk	RS data	TerraSAR-X and TanDEM-X