

Dataset documentation JarKus

General

blocked URL 5stardata.info

JarKus data in OpenEarth:

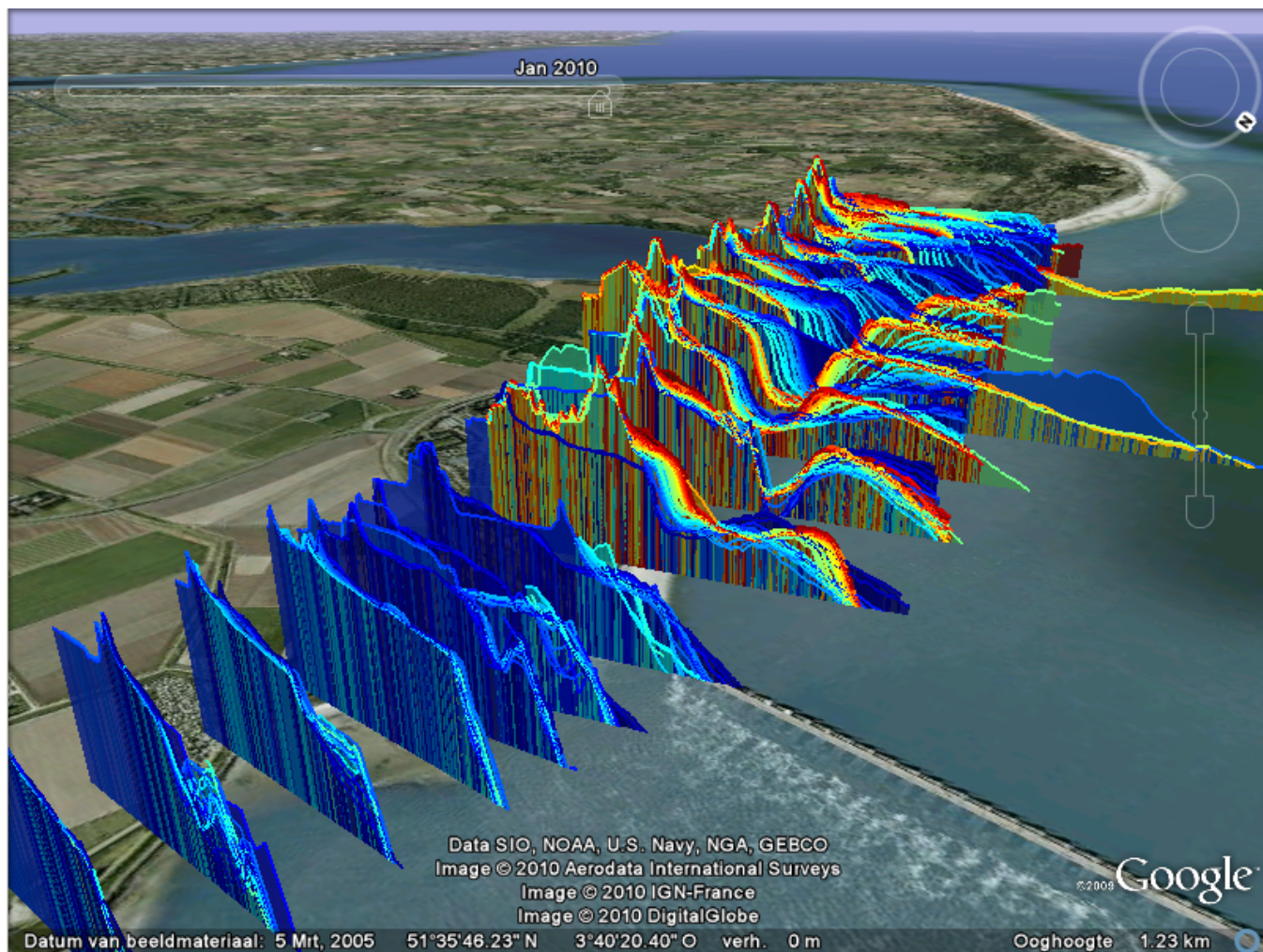
1. Raw data + scripts (ascii + Matlab)
 - Raw ascii data + dedicated Matlab tools for conversion to netCDF
<https://svn.oss.deltares.nl/repos/openearthrawdata/trunk/rijkswaterstaat/jarkus/> (register at oss.deltares.nl)
 - Generic matlab tools to work with ascii JarKus data or with the netCDF file
<https://svn.oss.deltares.nl/repos/openearthtools/trunk/matlab/applications/Rijkswaterstaat/jarkus/> (register at oss.deltares.nl)
2. Standardized data (netCDF on OPeNDAP)
 - <http://opendap.deltares.nl/thredds/catalog/opendap/rijkswaterstaat/jarkus/catalog.html>
 - A mirror is available at <http://opendap.tudelft.nl/thredds/catalog/data2/deltares/rijkswaterstaat/jarkus/profiles/catalog.html>
 - A duplicate (usually named `transect.nc`) as well as previous releases (or new releases that still need to be checked and approved), named `transect_r*.nc`, can be found
3. Visualized data (kml)
 - JarKus transects: <http://kml.deltares.nl/kml/rijkswaterstaat/jarkus/>
 - Kustlijnkaartenboek: <http://kml.deltares.nl/kml/rijkswaterstaat/kustlijnkaartenboek/>

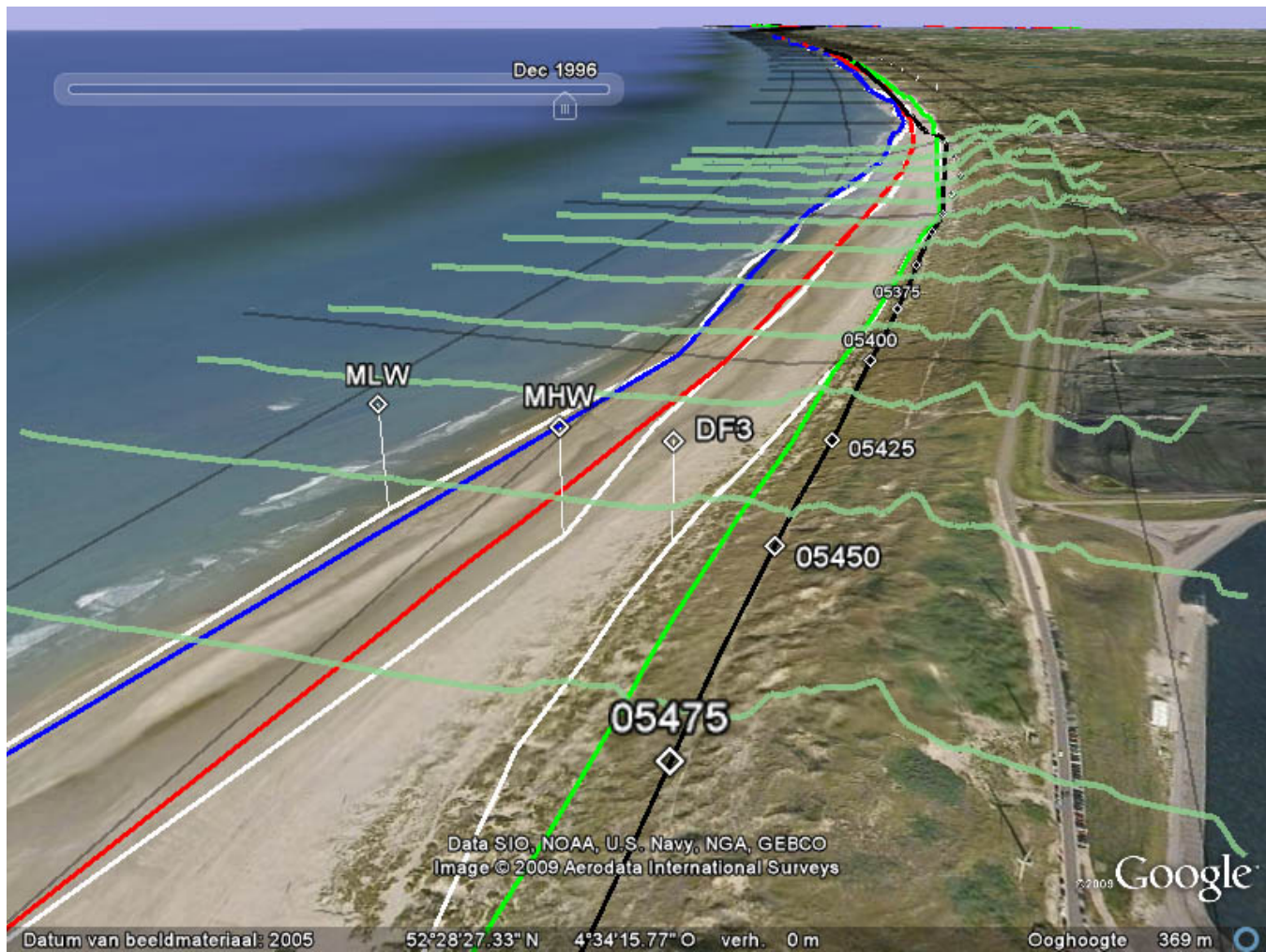
JarKus description:

- Because of the size of the JarKus data, they are grouped into regions called *Kustvak(ken)*, here from North to South with *Kustvak* number within brackets
 - Schiermonnikoog (2)
 - Ameland (3)
 - Terschelling (4)
 - Vlieland (5)
 - Texel (6)
 - Noord-Holland (7)
 - Rijnland (8)
 - Delfland (9)
 - Maasvlakte / sluffer (10)
 - Voorne (11)
 - Goeree (12)
 - Schouwen (13)
 - Oosterschelde / Neeltje Jans (14)
 - Noord-Beveland (15)
 - Walcheren (16)
 - Zeeuws-Vlaanderen (17)
- There is a separate coordinate system for The JarKus transects. The alongshore coordinate of each transect is linked to a beach pole *Rijksstrand paal* (RSP). The coordinates system is different per *KustVak*. The OpenEarthTools function `jarkus_rsp2xy.m` can convert from the local RSP system to world coordinates in the Dutch coordinate system EPSG:28992.
- Rijkswaterstaat Kustlijninzorg Kustlijnkaarten 1998-present. rws.nl
- Interactieve kustlijnkaarten site. rijkswaterstaat.nl
- Accuracy for depth measurements: Wiegmann, N., 2002. Onderzoek naar efficiency verbetering kustlodingen Rijkswaterstaat Meetkundige Dienst, rapport MD-GAM-2002-49. [pdf](#)
- Accuracy for elevation measurements: [Graaf, H.J.C. de e.a., 2003. Inwinning 'droge' JARKUS profielen langs Nederlandse kust. [pdf](#)
- A detailed description of the work flow in the mid 90's: Minneboo, F.A.J., 1995. Jaarlijkse kustmetingen Rijkswaterstaat RIKZ, rapport RIKZ-95.022. [pdf](#)
- A detailed description of the work flow from 1963-1980 Otten, C.J., 1985. Ontwikkelingen in de Jaarlijkse Kustmetingen en het verwerkingssysteem 1977-1985. Rijkswaterstaat Dienst Getijdewateren, nota GWIO-86.001 scribd.com

See also:

- [Dataset documentation Kustlijn](#)
- [Dataset documentation Vaklodingen](#)





Structured info

The following text follows the schema.org convention and is used for structured search engines. See html source for details.

The [Jarkus](#) versie 2 (Jarkus), was made available 2009. The dataset covers the topography of the Netherlands (nl), measured from 1965 up to present.