

Dataset documentation Kusthoogte

Kusthoogte (Kustlidar) bathymetry data in OpenEarth:

1. Raw data + scripts (ESRI *.adf + Python)
 - Raw ascii data + Matlab tools for conversion to netCDF
<https://svn.oss.deltares.nl/repos/openearthrawdata/trunk/rijkswaterstaat/kustlidar/> (register at oss.deltares.nl). This is a dedicated python script that can handle the ESRI *.adf raw data with [GDAL](#).
2. Standardized data (netCDF on OPeNDAP). The netCDF files can be viewed and analyzed interactively with [UCIT](#).
 - 2012 release: production: <http://opendap.deltares.nl/thredds/catalog/opendap/rijkswaterstaat/kusthoogte/catalog.html>, processed with the new [nc_gen](#) in Matlab OpenEarthTools. This new release now has 80% (37/46 items) conformity with ISO meta-data standards with [ncISO](#) (we'll aim for more in release 2013 next year). Note that we renamed it to *Kusthoogte*, the name used by originator Rijkswaterstaat (instead of *Kustlidar*).
 - 2012 release: test: <http://opendap.deltares.nl/thredds/catalog/opendap/rijkswaterstaat/kusthoogte/catalog.html>
 - 2012 test: test: <http://dtvirt5.deltares.nl:8080/thredds/catalog/opendap/rijkswaterstaat/kusthoogte/catalog.html>
 - 2011 release: production: <http://opendap.deltares.nl/thredds/catalog/opendap/rijkswaterstaat/kustlidar/new/catalog.html>
 - 2011 test: test: <http://dtvirt5.deltares.nl:8080/thredds/catalog/opendap/rijkswaterstaat/kustlidar/catalog.html>
 - 2010 release: production: removed from online access.
3. Visualized data (kml) (only 2010 release)
 - All Kusthoogte data as tiled pngs, the same technology that Google Earth uses for all aerial imagery: <http://kml.deltares.nl/kml/rijkswaterstaat/kusthoogte.kml>
 - Kusthoogte overview (with links to OPeNDAP): http://kml.deltares.nl/kml/rijkswaterstaat/kusthoogte_overview.kml
 - Kusthoogte airplane tracks (vlieglijnen): http://kml.deltares.nl/kml/rijkswaterstaat/kusthoogte_vlieglijnen.kml

Vaklodingen description:

- This dataset originated from Rijkswaterstaat. For more information please consult their data 'front door' [HelpDeskWater](#).
- Rijkswaterstaat WMS explanation. rws.nl
- Rijkswaterstaat WMS getCapabilities. <http://geoservices.rijkswaterstaat.nl/kusthoogte?service=WMS>
- AHN <http://www.ahn.nl>

See also:

- [Dataset documentation JarKus](#)
- [Dataset documentation Vaklodingen](#)
- [WFS LIDAR vlieglijnen \(airplane tracks\) with date stamp](#)
- Rijkswaterstaat ISO-XML meta-data [2004](#), ..., [2012](#)



1 Aug, 2008

211 m

© 2010 Europa Technologies

© 2010 Tele Atlas

Image © 2010 Aerodata International Surveys

53°08'24.63" N 4°48'03.30" O verh. 0 m

© 2008 Google

Ooghoogte 655 m



Figure: Transparency in Google Earth allows to blend Kusthoogte and Google Earth imagery

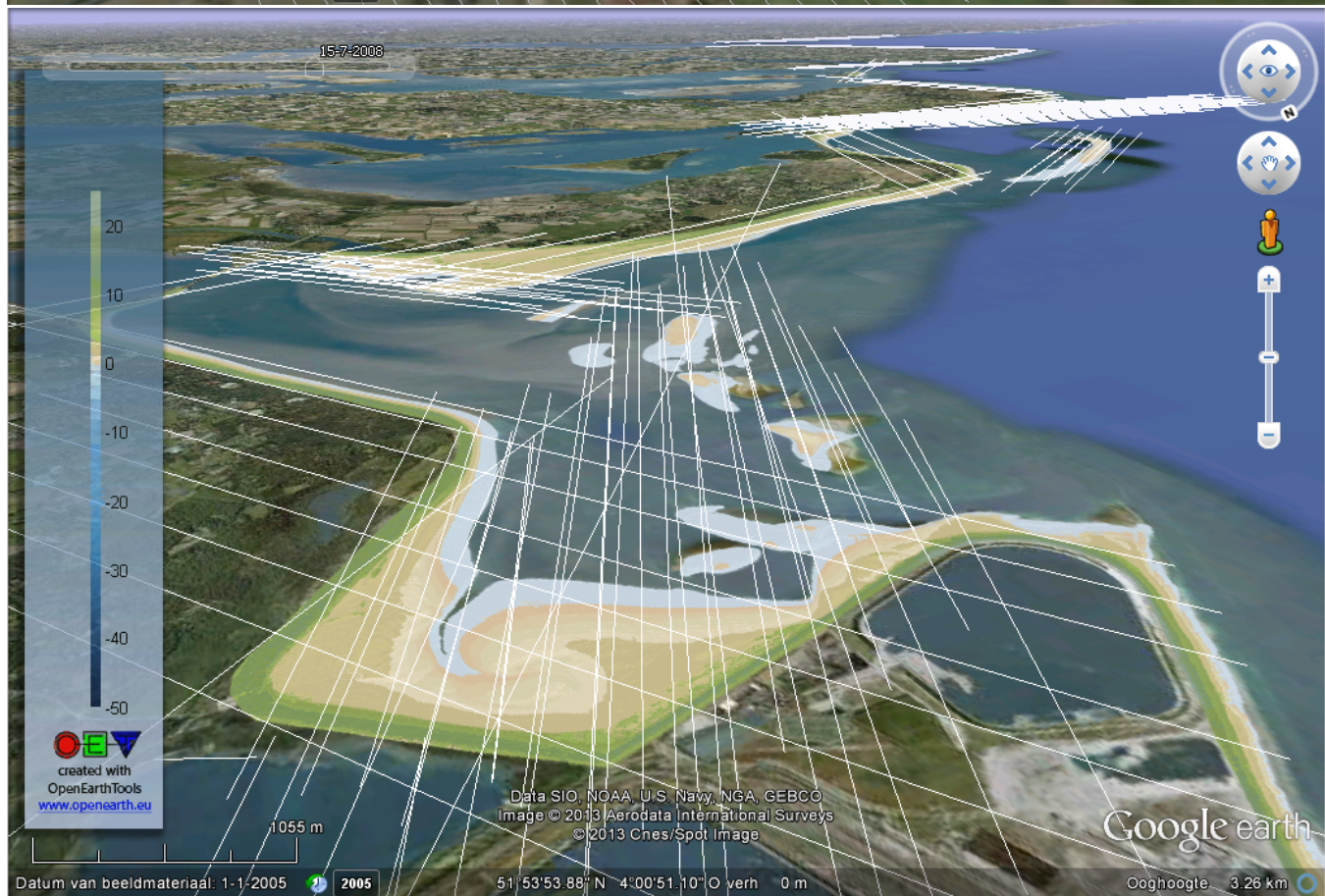


Figure: Kusthoogte bathymetry and airplane tracks (vlieglijnen)

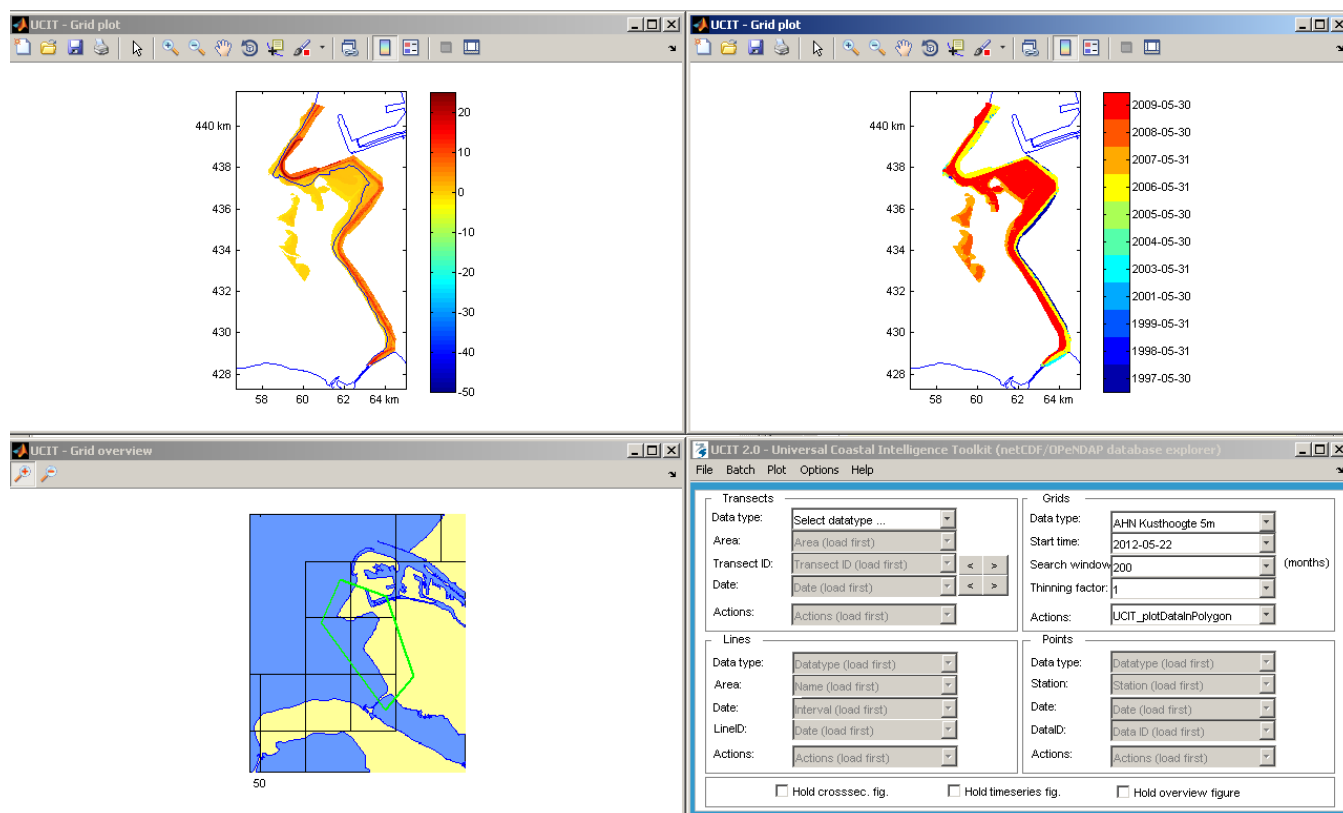


Figure: UCIT and online data viewing and analysis from OPeNDAP server

