

National Report

DENMARK

Vilnius, Lithuania

6 June 2014

Per Knudsen et al.

ETRS89 realisations

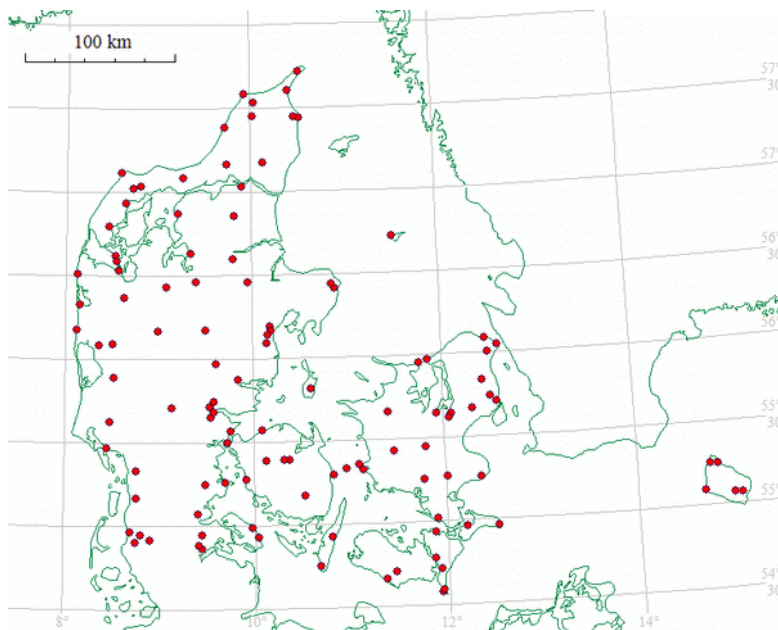
- 6 old campaign based realisations (1994)
- developing net of permanent stations
- control measurements in newest ITRF
- additional RFs in newest ITRF

Done by

- The Danish Geodata Agency
- DTU Space
- Colleagues in the
 - Nordic Geodetic Commission
 - EUREF

Status

- 10 permanent GNSS stations
- 5D network – campaigns: 4 days every 3rd year



Land uplift modelling

Land uplift is being assessed by compiling:

Precision levellings (relative to mean sea level)

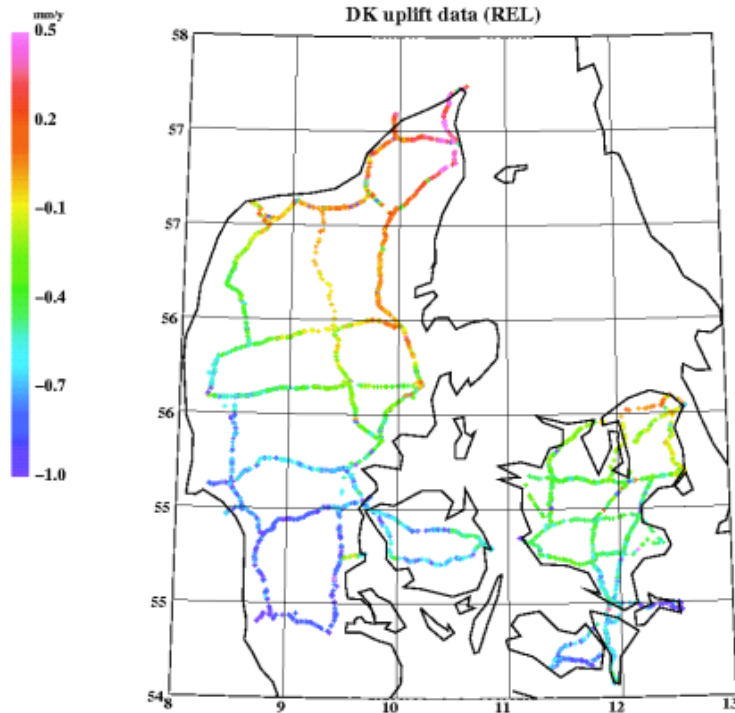
Permanent GPS-stations (absolute changes in ITRF2005)

Tide gauges (1900-2000)

Levelling:

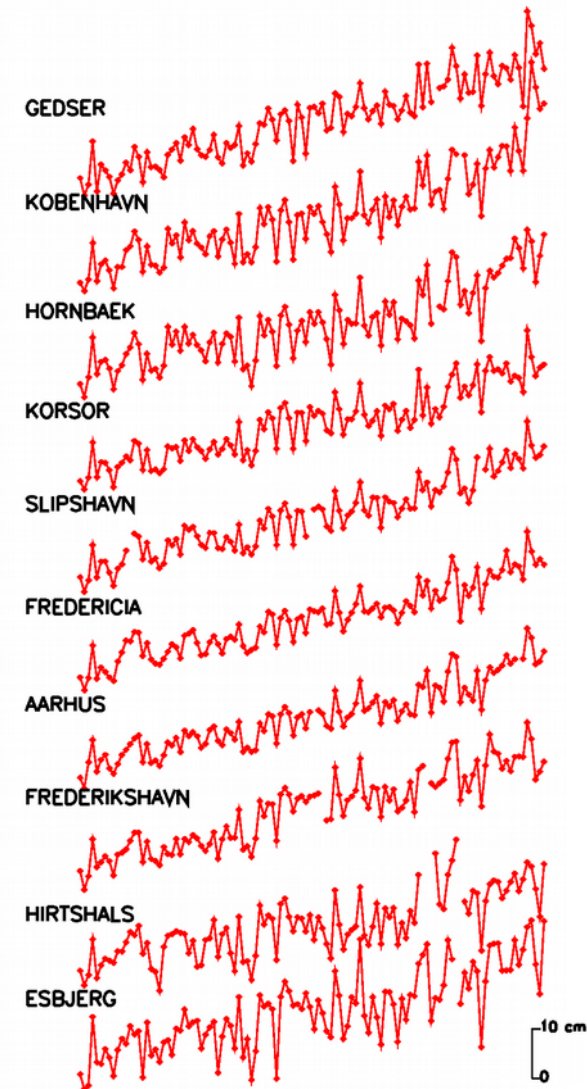
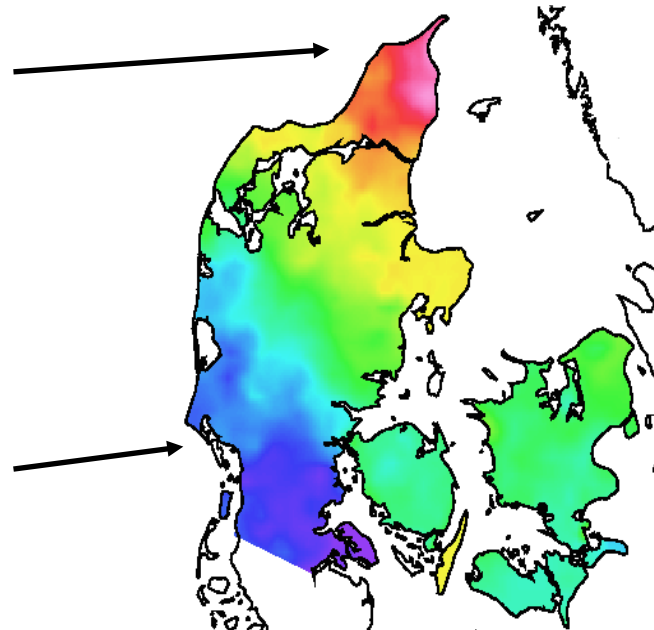
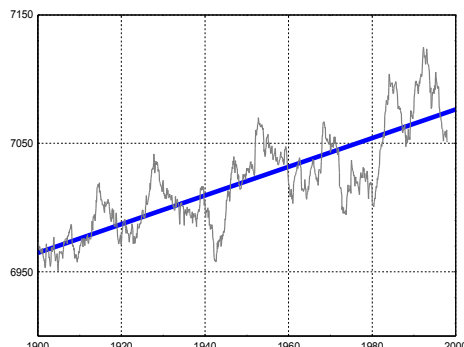
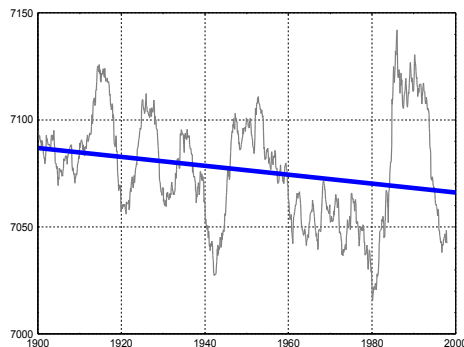
GPS stations:

Gedser:



Linking in Tide gauges

Strengthen the geodetic control of Tide gauges to improve the monitoring of sea level.



Additional information

Please consult the report from 2013 at

http://euref2013.fomi.hu/Download/Session_6/Denmark_NationalReport2013.pdf

Thank You!