



## **E-GVAP, status and future**

Henrik Vedel (1), Siebren de Haan (2), Jonathan Jones (3), and Owen Lewis (3)

(1) Danish Meteorological Institute, F&U, Copenhagen, Denmark (hev@dmi.dk), (2) Royal Dutch Meteorological Institute, (3) UK Met Office

E-GVAP (the EIG EUMETNET GNSS Water Vapour Programme) is an operational service providing GNSS atmospheric delay estimates (zenith total delays, ZTD) for use in weather forecasting in near real-time. E-GVAP is based on a close collaboration between geodetic and meteorological institutions. The use of GNSS data in numerical weather prediction models is found to increase the skill of the weather forecasts.

In the presentation we review the current status and future prospects. Currently preparations are made for the next phase of E-GVAP, which will start by 2019. In the next phase estimation of slant total delays, STDs, will be included. And there will be a focus on timeliness, as many of the high resolution weather models being developed require faster access to atmospheric observations than the standard for current models.