



The New Permanent GNSS Networks in the Czech Republic and Their Use in Geosciences

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There are two networks of GNSS permanent stations in the Czech Republic. The first one - Czech Network of Permanent Stations for positioning - CZEPOS is established by national mapping authority - Land Survey Office. It is the network of reference stations for users from geodetic and navigation community. The second one is research and experimental network for observations with GNSS - VESOG. This network is formed from stations established by research or academic institutions. Both networks will be connected.

Data from all stations will be usable for geosciences applications: positions changes of stations will be used for geodynamics, near-real-time data will be used in GPS-meteorology projects (TOUGH), real-time data streams will be used for real-time positioning in the frame of EUREF-IP project.