NATIONAL AGENCY FOR CADASTRE AND LAND REGISTRATION National Center for Cartography ROMANIA

NATIONAL REPORT OF ROMANIA TO EUREF 2021 Neculai AVRAMIUC, Miluță FLUERAȘ



- The gravity survey is based on the state gravity control network (233 points of order 0, 1 and 2). The standard deviation of gravity acceleration at these points is about 10-15 μGal.
- 2 Scintrex CG-5 gravimeters and 2 Scintrex CG-6 gravimeters are used.
- The average distance between the gravimetric points is
 7-9 km.
- RMS error of the gravity acceleration at the gravity survey points < 10 μGal.
- Accuracy of the normal heights, applying quasigeoid model is about **0.10 0.12 m**.

Gravity Survey | Current status for gravimetric measurements





[1] Interpolation of altitude anomalies from the gravimetric quasigeoid combined with the geometric quasigeoid

CORS Network ROMPOS | Current Status & 2021 upgrade plan

Operating stations

75 8 receivers upgraded in 2020

Upgrade plan for 2021

18
New stations
56
Stations will be upgraded









CORS Network ROMPOS | Usage – Monthly Heatmap for RTK (April 2021)



With the help of LTK Satellite Geodetic Observatory, Hungary, the daily SINEX from GPS week 1878 to 2074 were computed.

Further computations for daily SINEX are being done to create up to date solutions.

In the near future the National Center of Cartography will become an analysis center.



THANKS FOR YOUR ATTENTION!