



**General Command of Mapping**  
National Mapping Agency

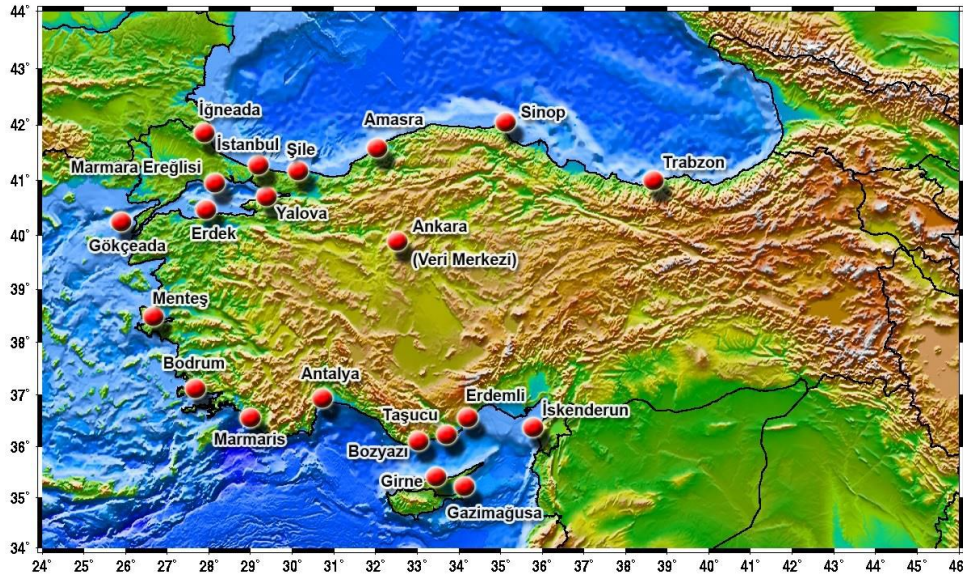
# **National Report of Turkey to EUREF Symposium 2016**

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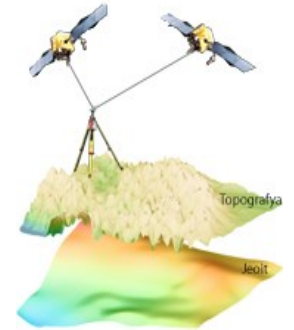
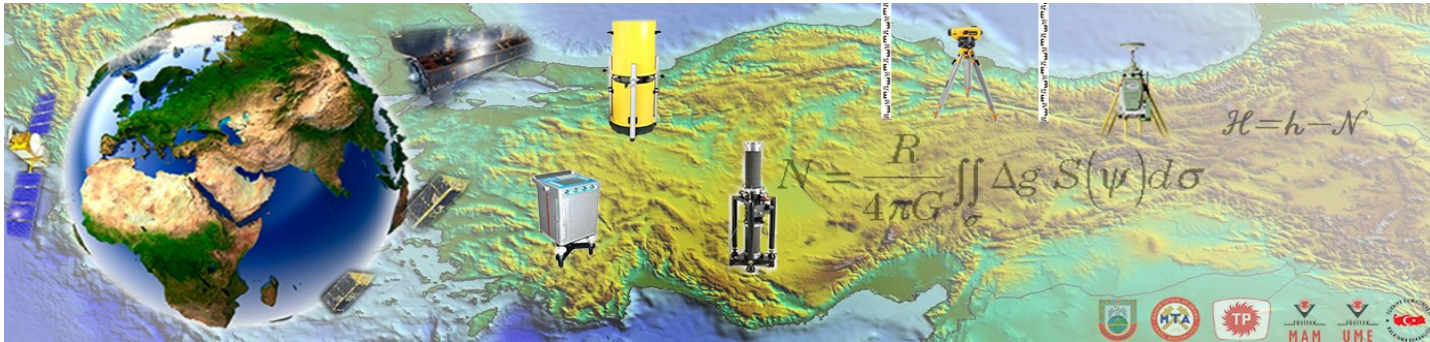
May 25th-27th, 2016 / Donostia San Sebastian

# Turkish Sea Level Monitoring System

(<http://tudes.hgk.msb.gov.tr/tudesportal/AnaEkranEN.aspx>) (FREE ACCESS)



# Turkish Height System Modernization & Gravity Infrastructure Recovery Project



## Partners



General Command of Mapping



General Directorate of Mineral Research & Exploration



Turkish Petroleum Agency



Marmara Research Center



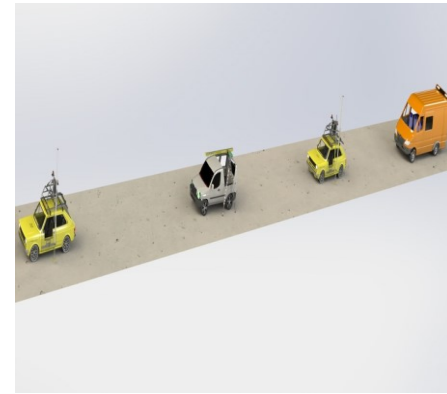
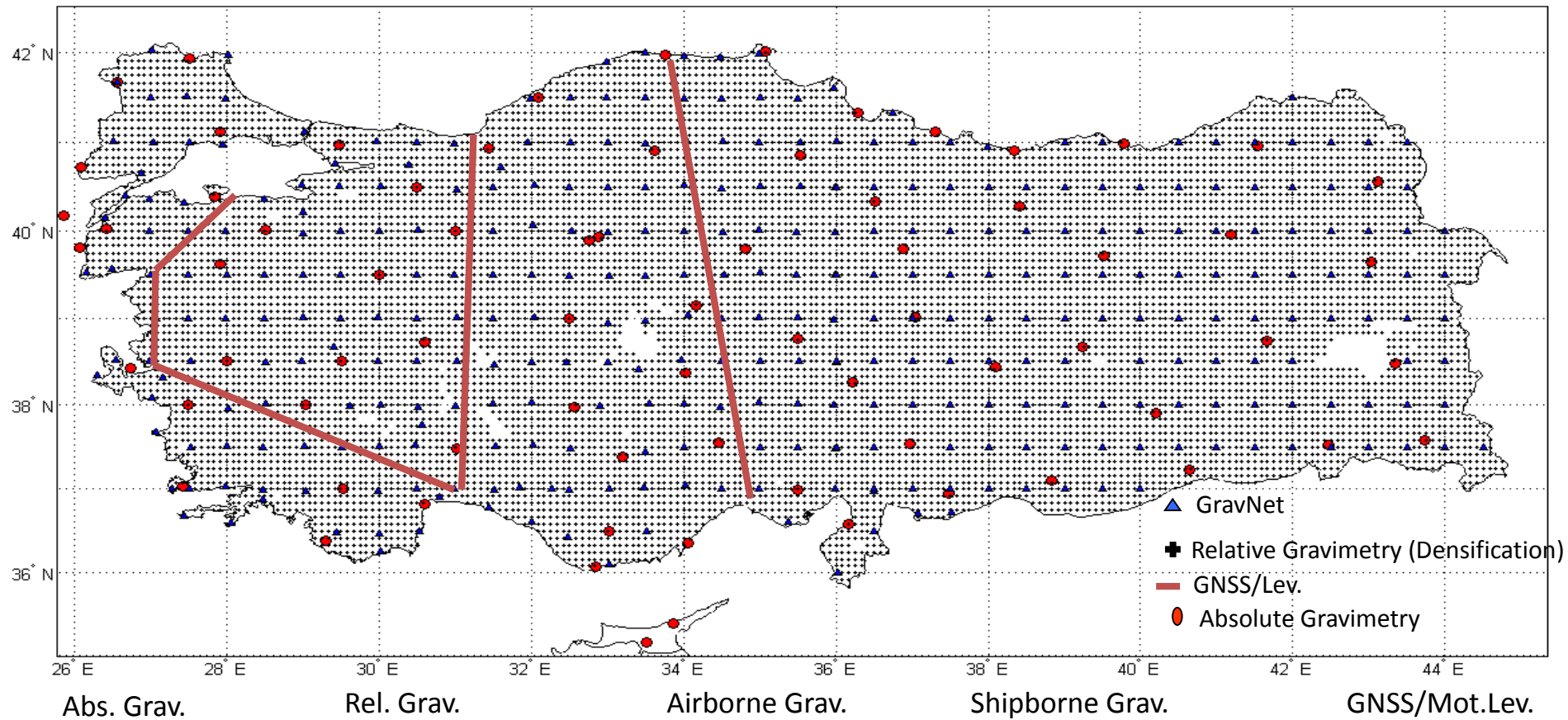
National Metrology Institute

## Info

- Supported by Turkish Ministry of Development
- 2015 – 2020 (5 years long)
- € 10 M budget
- Aims to realize high accuracy and resolution geoid model (e.g 1-3 cm @ 1-3 km) for GNSS heighting.



# Field Works



# Turkish Height System Modernization & Gravity Infrastructure Recovery Project– Office Works

- Provision of instruments
- Preparing guidelines for gravity, GNSS and levelling measurements
- Web based data upload and processing softwares for each dataset
- Quality control of existing historical gravity data
- Data exchange with neighboring countries
- Editing our digital elevation and bathymetry models
- Geoid modelling with different techniques

**Thank You**