International Centre for Earth Tides (ICET)


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Activities

• Summary of Data Held: data from about 360 world-wide tidal gravity stations including GGP stations (hourly values, main tidal waves obtained by least squares analyses, residual vectors, oceanic attraction and loading vectors). The Data Bank contains also data from tiltmeters and extensometers.

• Data Products, Publications, Catalogues: a "Bulletin d'Informations des Marées Terrestres" is published electronically once per year with a large number of translations of Russian and Chinese papers.

• A General Bibliography is also regularly kept up to date and published online.

• User Services: the Center provides assistance for the setup of new stations, calibrations of the instruments, data processing as well as for tidal analysis. The assistance is accomplished either by a stay at the Centre or by providing computers programs.

• ICET makes also available tidal predictions for any place and time, which are needed for field gravimetry, absolute gravity measurements and for tilt measurements. These predictions can be computed either on the basis of elastic Earth models and oceanic co-tidal maps, or on basis of the results of direct measurements.