



International Centre for Earth Tides (ICET)

<http://www.bim-icet.org>

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Activities:

The centralized Internet gateway to ICET services is:
<http://www.bim-icet.org>.

• Summary of Data Held:

Data from about 360 worldwide tidal gravity stations including GGP stations (hourly values, main tidal waves obtained by least squares analyses, residual vectors, oceanic attraction and loading vectors). The online Data Bank

(<http://www.bim-icet.org>) contains GGP superconducting gravimeters one minute data files, the off-line data bank contains also data from tiltmeters and extensometers worldwide.

• 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 (also on

(<http://www.bim-icet.org>, 146 Bulletins are currently online as pdf files).

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

• User Services:

The Centre 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 is validating on a month-to-month basis one minute data files from the network of superconducting gravimeters of the GGP project.

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.