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## The Conrad Observatory Research Facility

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The Conrad Observatory in Austria belongs to the group of most modern geophysical observatories worldwide. The observatory is situated 55 km SW of Vienna in the Eastern Alps. Since 2002 – when the observatory was officially opened – several research tasks, projects, training courses and workshops were carried out at this venue. The site is also magnetically very quiet – one of the requirements for establishing the second part of the observatory, which will serve as the magnetic base observatory for Austria in the future. So far, a tunnel of 145 m length equipped with seismometers, 3 boreholes of 100 m depth and one borehole of 50 m depth, as well as a laboratory, where the gravity is continuously moni-tored, are in operation. In addition an outside station has been built according to Austrian standards for reasons of comparison. Refraction profiles and borehole seismic was used to describe the subsurface conditions for H/V measurements and other scientific tasks. The underground observatory provides ex-cellent conditions to test seismometers under controlled conditions, and a newly developed calibration table assists in the determination of the generator constants of seismometers. Internet connection is available together with a re-distributed GPS-timing signal in the observatory.

The NERIES Transnational Access activity TA-5 has attracted already project teams from Germany, Slovenia and The Netherlands to conduct specific instrument tests and comparisons between sensors. See also www.zamg.ac.at/conrad\_observatory.