

Leica GPS measures crustal movements in the Antarctic

Leica Geosystems is providing eight Global Positioning System (GPS) receivers to the West Antarctic GPS Network (WAGN) project to assist in the measurement of crustal motions of the bedrock underlying and surrounding the West Antarctic Ice Sheet (WAIS). Antarctica occupies a key location in both the global system of tectonic plates and the global climate system. The future of the WAIS and the corresponding effect on sea level is largely controlled by the behaviour of the lithosphere underlying the ice sheet. WAGN is a National Science Foundation-sponsored project involving The University of Texas at Austin



Institute for Geophysics (UTIG), the Pacific GPS Facility (PGF) at the University of Hawaii School of Ocean Science and Technology, and the Center for Earthquake Research and Information (CERI) at the University of Memphis.

Leica Geosystems is providing eight GPS receivers to assist in the measurement of crustal movements under the ice sheet.