

Title: "The IGS station Addis Ababa and its role for Geodesy and Geodynamics"

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Abstract:

In a joint effort of three institutions, namely the Geophysical Observatory of Addis Ababa University (GOAAU), the Bundesamt für Kartographie und Geodäsie Frankfurt am Main (BKG) and the Institute of Physical Geodesy of Technische Universität Darmstadt (IPGD), a continuously operating GNSS reference station (CORS) has been established at Addis Ababa University, Ethiopia, and has been accepted as station of the International GNSS Service (IGS) in July 2007. It is the first of its kind in the country and will enable various applications. The poster will present an overview about the installation, the initial ITRF2005 coordinate estimation, the real-time performance and will give an outlook to possible applications in geodesy and geodynamics.