



## **GEODAC: A service to support geodynamic studies along the Eurasia-Nubia plate boundary**

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In the framework of the WEGENER project (IAG Inter-Commission Project P3.2), and following the directives approved in the last Wegener meeting (Tangier, 2004), a new service dedicated to support geodynamic studies along the Eurasia-Nubia plate boundary is being implemented. GEODAC (GEO-Database and Analysis Center) has three major goals:

- (1) collect, store and make available geodata to the scientific community, either directly or by providing the necessary links;
- (2) process and analyze geodetic measurements (in particular GPS observations);
- (3) promote the use of state-of-art processing methodologies and latest results/solutions by supporting the scientific community, with a special focus on developing countries.

The regions selected for the initial phase of implementation of this service were the Iberian Peninsula and North-Western Africa. Existing geodetic and geophysical information is being gathered for archiving and will be made available. Simultaneously, the observations of all available continuously-operating GPS sites in the Iberian Peninsula and Morocco (also including some stations in the Azores, Madeira and Canary Archipelagos, and Europe) are being processed, on a daily basis (with a backward processing extending to January 1996), using the GEODAC facilities.

The current status of GEODAC is presented together with the expected improvements in the near future. The interest of individuals and organizations in this center is a major reason towards the full implementation of this project.