

Objectives and results of more than 20 years of geodetic research in Canary Islands

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The research group SPACE GEODESY, GRAVIMETRY AND GEOMATHEMATICS has been working in Canary Islands, Spain, for more than 20 years, from 1992, and continues. The main objectives of the geodetic research during these years can be summarized as (1) to contribute to the geodynamics knowledge of the archipelago, and (2) to define and improve the geodetic volcano monitoring.

This research has been developed in the frame of Spanish, international and European Union research projects, in an intensive national and international collaboration, and covering observational and theoretical aspects.

This presentation gives a summary of the works, objectives and results of the geodetic research carried out for this group. Also the new projects under development are presented.