



**Instituto do Petróleo e Geologia – Instituto Público
(IPG)**

PRESS RELEASE

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ESTABLISHMENT OF A PERMANENT GPS FOR GEODYNAMIC STUDY IN TIMOR LESTE

Dili, Timor Leste – Institute of Petroleum and Geology is proud to announce the establishment of a permanent GPS for earthquake monitoring in Timor Leste. The event is a joint collaboration between IPG, University of Southern California and Australia National University. The permanent GPS station will support not only geodynamic studies, but also the research in the fields of geodesy, geophysics, GIS and mapping. The application of GPS for geodynamic study is the first ever GPS planted in Timor Leste.

The establishment of a permanent geodetic GPS will be held **on 17 – 18 May 2017 at Bobonaro Municipal**. The training on utilization, analysis and interpretation of GPS data will be held between 19 – 24 May 2017 **at Institute of Petroleum and Geology office, Rua Delta 1, Aimutin, Comoro**. The training will be carry out by Professor Simon McClusky and Acraf Koulali from Australia National University (ANU), Australia

President of IPG, Mr. Helio Guterres said “on behalf of the Institution, I would like to extend sincere thanks to University of Southern California especially Professor Meghan S. Miller and her colleagues in Geoscience department, for their generous support and donation of two geodetic GPS and Australia National University for their generous expertise support on the strengthening of IPG technical capacity in the utilization, analyses and interpretation of GPS data”

“IPG will make an effort to maximize the application of donated GPS for plate movement study and identification of geological structure in Timor Leste as to improve Institution’s geological research in Timor Leste. The study and identification of fault can contribute significantly to the development, particularly infrastructure planning in Timor Leste.” He said.

Further, Eugenio Soares, Director of Geo-Hazard division of IPG quoted that” the combination of GPS data with focal mechanism data obtain through computation and analysis of earthquakes can be useful for identification of whether the fault is active or not as well as relationship between faults and earthquake epicenter. The geodetic GPS can be also useful for monitoring and study of landslide, coastal erosion study, and cadastral surveys”.



Professor Simon of Australia National University and IPG technical team tested and observed the permanent GPS at IPG office.

About IPG

Institute of Petroleum and Geology (IPG) is Timor Leste public institution, established under the Decree Law no.33/2012 of 18th July aims at recording, producing, managing, storing and disseminating information on the geology sector, including information on the potentiality of oil resources, gas and mineral exploitation. It also tasked for the coordination and promotion of any activity aiming at the production of geological information, including maritime areas, and the establishment of a National Register Data related to these geological natural resources of Timor-Leste. For more information about IPG, visit www.ipg.tl.

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