

UN GGIM AP WG - Geodetic Reference Frame and GGOS on Geodetic Capacity

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SUMMARY

The Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP) is one of the five regional committees of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM). The Working Group on Geodetic Reference Frame is the first WG in UN-GGIM-AP which has the longest history and has been working for establishment of sustainable geodetic reference frame in the region through continuous and campaign GNSS observation and series of geodetic capacity development events. The WG has four focus activities in this term 2018-2021; Asia-Pacific Reference Frame (APREF), Asia-Pacific Regional Geodetic Project (APRGP), Asia-Pacific Regional Height Unification (APRHU) and Asia-Pacific Geodetic Capacity Building (APGCB). Through the activities, the WG is contributing to develop geodetic reference frame in the region, improve access to the GRF and provide forum and opportunities to develop geodetic capacity. The International Association of Geodesy and its observing system, the Global Geodetic Observing System (GGOS) are also important enabler for geodetic capacity development in the region. IAG/GGOS has been providing fundamental infrastructure for geodetic observation through its services such as International GNSS service (IGS) and also actively participating to geodetic capacity development through a lot of events including series of Technical Seminar on Reference Frame in Practice jointly organized by FIG/UN-GGIM-AP/IAG/ICG (International Committee on GNSS). The presentation will report the current activity of UN-GGIM-AP WG on geodetic reference frame and GGOS and also plans on geodetic capacity development in the region for coming years.