

A Roadmap for enhancement of Global Geodetic Reference Frame

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The United Nations General Assembly adopted its resolution, "Global Geodetic Reference Frame for Sustainable Development", on February 26, 2015, recognizing that Global Geodetic Reference Frame (GGRF) is essential fundamental infrastructure for social, economic and scientific activities. This resolution is the first resolution on the importance of a globally-coordinated approach to geodesy and urges Member States to jointly develop and maintain sustainable GGRF under globally-coordinated multilateral cooperation. The resolution includes six Operational Paragraphs which urge Member States to establish a Roadmap for the enhancement of GGRF, enhance technical assistance and capacity building on geodesy, and maintain and improve their geodetic infrastructure and so on. The resolution was first drafted by Working Group of geodetic experts which was established by UNCE-GGIM and adopted by the committee at its forth session. The United Nations Economic and Social Council then adopted the resolution and finally it was table to the UN General Assembly by Fiji co-sponsored by 52 Member States including Japan. Geospatial Information Authority of Japan (GSI) has participated in the Working Group form the beginning and contributed to the development of the draft resolution. GSI has also participated in development of the GGRF Roadmap. In the roadmap, the Working Group clarifies current issuers for maintenance of sustainable GGRF, then suggests the possible solutions and finally presents future vision for the further enhancement of GGRF. The roadmap will be reported to UNCE-GGIM at its sixth session in New York on August 2016. In this presentation, I will review the background and the purpose of the resolution and report the overview of the Roadmap which promotes the enhancement of GGRF.

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