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New Development from HLG-MOS Supporting Standards Group GeoGSBPM Task Team

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<u>Abstract</u>

Potential of geospatial information to enrich statistical information is gaining great interest within official statistical community. Geo-referenced data allow spatial analysis and spatial visualization of statistical data, which can render new insights thattabulated data alone cannot provide. Geospatial information can be used to link economic, social and environmental statistics that is essential to solve increasingly complex problems such as urbanization, climate change, etc. Standards widely used in the official statistics community, like SDMX, are being incorporating features that allows them include this kind of information.

To ensure good quality of geospatial information and its integration with statistical information, it is needed to make sure that necessary activities to collect, process and analyse geospatial information are taken at the right stage throughout the production process. Given that GSBPM is a de-facto standard for statistical production process model, it is an ideal tool to document activities needed for geospatial information during the production.

"Geospatial view of GSBPM" (GeoGSBPM), developed by "Geospatial task team" under the Supporting Standards Group, describes geospatial-related activities, in particular, those that are needed to produce geospatially enabled statistics, using the framework of the GSBPM. These geospatial-related actions and considerations are identified while taking into account the global standard, Global Statistical Geospatial Framework (GSGF) Principles so that the resulting statistics have a higher level of standardisation and geospatial flexibility, as well as a greater capacity for data integration.

The presentation will provide background and overview of the GeoGSBPM.