

The Status of Implementation of an Integrated Geospatial Data Management Framework in Dubai

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SUMMARY

The Geographic Information center Department (GISCD) of Dubai Municipality, on its track to be geospatial leader within the region as a strategic goal, has been engaged in establishing an Integrated Geospatial Data Framework (IGDF) that complies with the UN geospatial data management standards. The Integrated framework is seen by the Department to include all aspects of data governance, standards, and policies. The implementation work is continuously targeting complying with most internationally recognized principles and geospatial standards.

The implementation of the designed Integrated Geospatial Data Framework (IGDF) in Dubai Municipality covers many domains such as (but not limited to):

- Data Management Policy and Standards
- Implementing UN GGIM standards themes
- Acquisition and Data Capture Specifications
- Quality Standard and policy
- Meta Data standard, management & policy
- Data architecture and Data Modeling
- Data Catalogue & Data Dictionary

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- Data integration management and Data Dissemination which Provides the ability to consistently share high-quality data both within GISCD. and with other external stakeholders.

This paper describes the designed Geospatial Data Framework (IGDF) and gives the status of implementing it in Dubai Municipality to date and highlights challenges and success as well as future plans .

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