

Appendix I: Geospatial Data Management Plan

Geospatial Data Management Plan

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HOUSTON-GALVESTON AREA COUNCIL
Community & Environmental Planning Department

*Prepared in cooperation with the
Texas Commission on Environmental Quality
under the authorization of the Texas Clean Rivers Act*

The Geospatial Data Management Plan (GDMP) outlines the standard policies and procedures for data management within the Community and Environmental Planning (C&E) Department. The GDMP is written by the Data Analytics and Research Department, previously known as the C&E Department's Planning and Forecasting Group. The GDMP covers the management of both tabular (non-geographic) and spatial (geographic) datasets. Its primary purpose is to ensure the efficient access and maintenance of these datasets within the H-GAC Geospatial/Geographic Information Systems (GIS) environment.

GIS technology provides a systematic means to capture, manipulate, analyze, store, and display spatially referenced data. GIS supports a wide variety of applications ranging from site assessments, environmental planning, urban planning, and spatial analysis to support organizational strategies. In general, GIS supports the overall departmental goals of guiding regional planning, enhancing the quality of the region's natural environment, and public education through outreach programs. H-GAC supports various programs within the C&E and Data Analytics and Research departments through data development, spatial analysis, geospatial applications development, cartography in support of departmental goals.

The GDMP is considered a dynamic working document which responds to changing technology, funding, staffing, and project requirements. Consequently, the GDMP is reviewed on a bi-annual basis and amended as necessary. The current and complete version of The Plan can be accessed at <https://www.h-gac.com/community-and-environmental-planning-publications/water-resources>