

A GEOSPATIAL DATA FRAMEWORK FOR THE UNITED STATES

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ABSTRACT

The National Performance Review (a study of Federal government operations aimed at making the government more effective, efficient, and responsive, conducted by Vice President Albert Gore during the spring and summer of 1993) has recommended that the Executive Branch develop, in cooperation with State and local governments and the private sector, a coordinated National Spatial Data Infrastructure (NSDI) to support public and private sector applications of geospatial data. In support of this goal, the Federal government shall complete an initial implementation of a national geospatial data framework. The framework will provide a consistent information base for the maximum number of users, against which other data categories (e.g. soils, geology), more detailed content within a data theme, or data from more than one source can be registered. The framework design will provide assurance that all data registered to it will be able to be related to and used with other spatial data within the constraints of its level of accuracy. The framework will aid in locating data to its correct position and provide transparent referencing to other spatial information. It will provide a nationally accepted and used referencing capability that will eliminate recollection, duplicate collection, or incompatible collection of basic building blocks of the NSDI.

UNE STRUCTURE DE DONNÉES GÉOSPATIALES POUR LES ÉTATS-UNIS

Résumé

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