

Responding to Continually Increasing Geospatial Information Through Capabilities for Exposing Data for Effective Decision Making

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Understanding location and place is essential for effective decision-making. It is critical for governments to collaborate in sharing their knowledge of and experience with access and use of geospatial data. Significant amounts of geospatial information already exist in many parts of the world. New challenges are emerging that include non-traditional geospatial data sources, new modes of data collection and increases in data transmission. Added to this are expectations of greater precision and improved data quality that demand complete and effective documentation. These directions not only add to the challenges of data integration but they impact the effectiveness of data use.

Geospatial information is a valuable national and regional resource and a strategic asset of critical importance. This presentation will share the a digital government strategy including the policy implications and present a use case where this strategy has been implemented. The strategy's four principles include an information-centric approach; a shared platform approach; a customer-centric approach; and a platform of security and privacy. These principles are based on a conceptual model that includes an information layer, a platform layer, and a presentation layer. In the U.S. geospatial community, the federal government is responding to the digital government strategy through the auspices of the Federal Geographic Data Committee's efforts in standing up the Geospatial Platform. Each of the strategy's principles are reflected in the design of the Geospatial Platform.