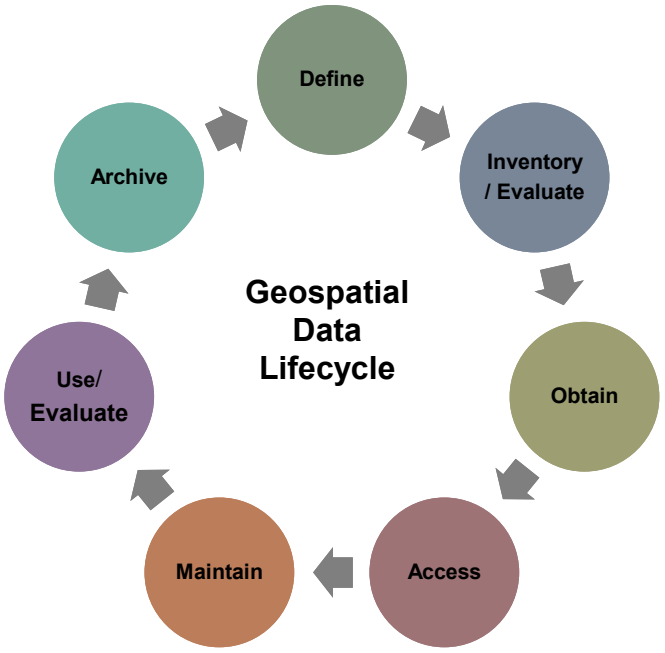
Portfolio Management – Datasets

The Dataset Management Process

The Geospatial Data Lifecycle is the management approach adopted by Federal agencies to ensure the quality and reliability of National Geographic Data Assets (NGDA) Datasets.



Outcomes

- Better understanding of Dataset quality
- Identification of best management practices
- Availability of geospatial data to support business processes and operations
- Strengthens partnerships and coordination across all levels of government to increase cost efficiency and return on investment
- Improved efficiencies in addressing Federal and national priorities, and enhancing citizen service

Stage 1. Define: Characterization of data requirements based upon business-driven user needs.
Stage 2. Inventory/Evaluate: Creation and publication of a detailed list of data assets and data gaps (both internal and external) as they relate to business-driven user needs.
Stage 3. Obtain: Identify the mechanism(s) for the collection, purchase, conversion, transformation, sharing, exchanging, or creation of geospatial data that were selected to meet the business needs.
Stage 4. Access: Making data produced known and retrievable to the community through documentation and discovery mechanisms so the users can meet their business requirements.
Stage 5. Maintain: Ongoing processes and procedures for data operation and maintenance to ensure that the data continue to meet business requirements.
Stage 6. Use/Evaluate: Ongoing assessment, validation, and potential enhancement of data to meet user needs and business requirements.
Stage 7. Archive: Required retention of data and the data's retirement into long-term storage.

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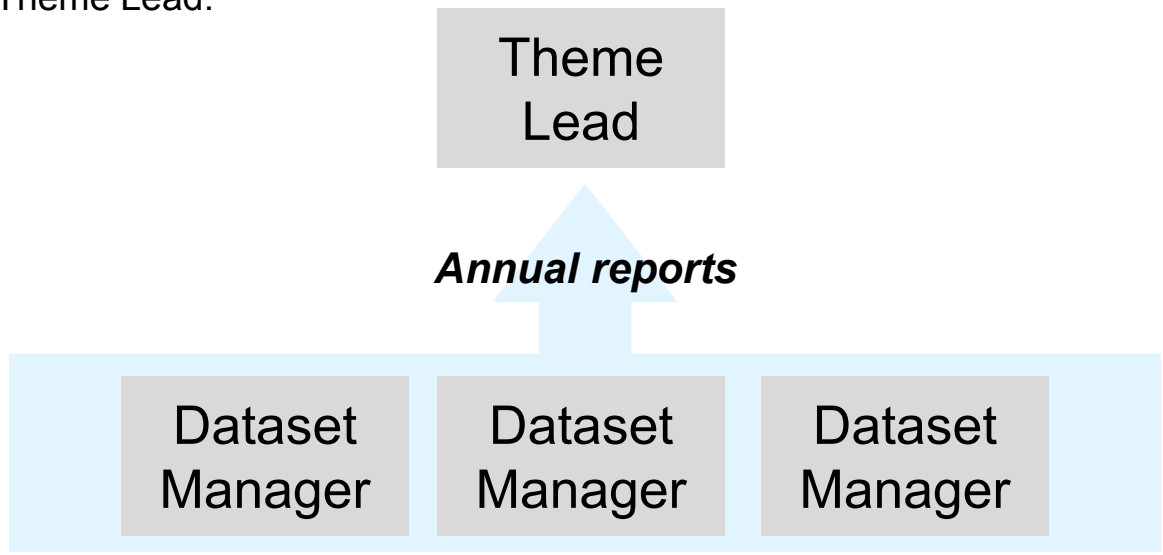
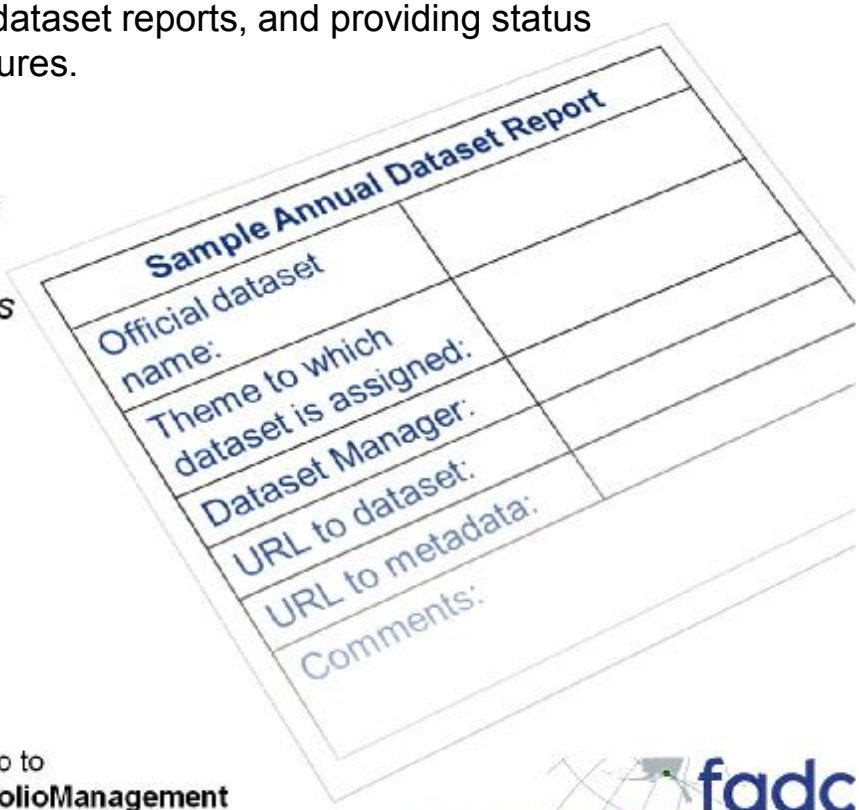
Requirements for Managing Data

Dataset Managers implement the Geospatial Data Lifecycle to ensure that data are trustworthy and useful and that data going to the Geospatial Platform are current and reliable. Additionally, Dataset Managers submit annual reports on their Datasets to their respective Theme Lead.



Dataset Management involves implementing the Geospatial Data Lifecycle, promoting the maturity of Datasets, monitoring key indicators for annual dataset reports, and providing status of performance measures.

Regular evaluation of Datasets, through annual dataset reports and Thematic Subcommittee discussions, will ensure that Datasets are current and relevant.



For more information go to
www.FGDC.gov/PortfolioManagement

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