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John Faundeen

EROS Center, USA

The creation of a science data life cycle model: The U.S geological survey approach

This presentation describes the process The U.S. Geological Survey (USGS) used to create a science data lifecycle model. The working group focused on developing a model that would accurately describe the various steps data takes as it progresses through the lifecycle. Once the model was developed, it was used as a foundation from which to derive far-reaching data management policies addressing U.S. government mandates. The model was extensively reviewed internally, which helped secure corporate buy-in and the implementation was conducted both from a top-down, senior management and bottom-up grassroots approach. Benefits from the model creation will be detailed along with an explanation of the intermediate steps employed. A summary will tie the steps taken and outcomes obtained from investing in the development of a model that both depicts how a science agency currently operates, as well as how that agency could improve its functions for long-term management of science data.

Biography

With a B.A. and M.S. in Geography, John Faundeen has served as the Archivist at the U.S. Geological Survey's Earth Resources Observations and Science Center since 2001. His role involves policy, oversight, and guidance for the science records maintained. John primarily focuses on preservation and appraisal functions. ORCiD.

faundeen@usgs.gov

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