

ASPRS Data Preservation and Archiving Committee Data Management Statement

2013

We, the assembled participants of the American Society of Photogrammetry and Remote Sensing (ASPRS) Data Preservation and Archiving Committee (DPAC):

Recognizing the major involvement and the commitment of ASPRS members in the implementation of the data management component for their individual needs and the ever-present desire for improved data management of all geospatial and Earth observation data to the study of the Earth system;

Confirming that, in response to the requirements of the membership, DPAC participants supporting ASPRS are ready to provide data management guidance to ensure comprehensive and sustained information assets,

Declare that:

ASPRS members have decided at the recent ASPRS DPAC meeting in Tampa to recommend the following data management principles and guidelines to all entities possessing data of long-term value:

Principles

- Adopt and implement a data life cycle model for any geospatial or Earth observation data managed. Such a life cycle should, at a minimum, include the following phases:
 - Data Creation, Acquisition, and Ingest
 - Data Use and Maintenance
 - Data Disposal or Long-Term Archive Transition
- Develop Continuity of Operations Plans to ensure the preservation of science data needed to fulfill missions and obligations.
- Inventory and manage the media electronic data reside on.

Guidelines:

- Plan to migrate electronic media every five years due to hardware, software, firmware, and media obsolescence.
- Implement a multiple copy strategy of electronic media with at least one copy residing sufficiently removed from the primary storage facility.

ASPRS members supporting DPAC confirm their dedication to continuing the development of data management principles and guidelines.