

Managing the Collection and Dissemination of Non-Homogeneous Data from Numerous, Diverse, Geographically Scattered Sources

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ABSTRACT

This presentation is divided into two parts, a review of some basic principles of atmospheric information gathering from a commercial viewpoint, and an examination of some critical issues relating to the details of data management of non-homogenous data. Data has value that decreases with age, but never goes to zero. The value of data is at its maximum when the sensors and formats are standard, it is non-proprietary, it is on time, and it is put in readily accessible storage or dissemination channels. However, large amounts of non-homogeneous, non-standard data will be with us for the foreseeable future. To deal with this data, detailed metadata will be needed.

Success in dealing with the large quantities of non-homogenous data generated in the nation today and in the future will be measured by the inherent value of that data.