Convergence and Tools
Ted Habermann, The HDF Group, thabermann@hdfgroup.org

Why?

50% change in global average

Documentation: It’s not just discovery...
Convergence: Community

Disruption
Era of Ferment:
- high risks
- uncertainty
- considerable waste
- no interoperability

Selection
The community grows.
The rate of progress increases because community energy is focused.
Developments are supportive and cumulative.
AMS Metadata Policy Working Group Recommendations:

The AMS should adopt ISO 19115-2 and SensorML as the metadata standards for the Nationwide Network of Networks.

In coordination with other organizations within the broader atmospheric and oceanic sciences community, the AMS should provide opportunities for its members to become better educated on the nomenclature, structure, and implementation of metadata and the standards recommended above.

The AMS should establish a permanent committee to serve as a body of experts ... to provide advice to organizations working to implement a Nationwide Network of Networks and to coordinate with the Federal Committee for Integrated Observing Systems (CIOS).
A documentation consortium is an association of two or more organizations to participate in a common activity or pooling their resources for **achieving a common goal:** to enhance the exchange, **understanding** and use/re-use of Earth-systems data across disciplinary and international boundaries.
Spirals and Rubrics

Each record has a score that can be calculated using a consistent, standard tool.
Designated Communities - Users

Why?

Data preservation is communicating with the future