

EarthScope Oceans

Data Related Issues

Data Policy Elements

- Proprietary Periods
 - OBSIP
 - PASSCAL
 - EarthScope
 - SEIS-UK
 - SeisMob (FR)
- Data Redaction by military organizations

Data Policy Elements

- Formats
 - SEED
 - miniSeed is being revised now
 - Metadata in StationXML
 - Adaptable Seismic Data Format (ASDF)
 - HDF
 - Ph5
 - Specific EarthCube Oceans concerns
 - Changing position with time

Data Policy Elements

- Digital Object Identifiers
 - SEED infrastructure is in place for this

Data Policy Elements

- Data Committee
 - 6 nations – 1 data committee rep per country or organization
 - China, France, Japan., Korea, UK, US
 - Other possible countries
 - Singapore
 - Germany

Types of Data Models

- Centralized Centers
 - At least one redundant center for all data
 - A great deal of infrastructure exists
- Federated Model
 - Technical solutions exist and are working