OPEN DATA
& OPEN KNOWLEDGE
Workshop

Enabling Open Knowledge Services
Rich Frazier, Senior Advisory
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Open Knowledge

Exploring AmeriGEO’s efforts to support the Open Knowledge Principles

- Principle 1 Open Science
- Principle 2 Open Access
- Principle 3 Citizen and Participatory Science
- Principle 4 Open Data
- Principle 5 Open Reproducibility
- Principle 6 Open Software
- Principle 7 Open Infrastructure
- Principle 8 Open Education
- Principle 9 Open Evaluation
- Principle 10 Open Hardware
- Principle 11 Diversity of Knowledge
Users spend *80%* of their time finding, cleaning, and reorganizing huge amounts of data, and only *20%* of their time on actual data analysis that informs decision making.
Transforming Data to Knowledge

Pathway to Knowledge Services

- Federate Data
- Data as a product
- Self Service Data
- Transformation Services

Connect the Data Ecosystem
- Governmental
- Academia
- Commercial

Data Products
- Data
- Reports
- Maps
- Imagery

Data MarketPlace

Connect Data and Producers

Workflow
- Integrate
- Aggregate
- Model
- Map
- GeoProcess
- Synthesis
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