



Data sharing and data management in GEO

Anne Hale Miglarese
Founder & CEO
Radiant.Earth

Washington DC – October 23, 2017

Radiant.Earth Platform

Mission & Vision

Open geospatial data for positive impact



To connect people worldwide to Earth imagery, geospatial data, tools, and knowledge to meet the world's most critical challenges.

Radiant.Earth – A Non-Profit

Services



Connecting people globally to Earth imagery, geospatial data, tools and knowledge to meet the world's most critical challenges.



Technology Platform

Facilitating innovation and solutions by combining the best in discovery and dissemination with the latest trends in image processing.



Community Development

Building a vibrant community of global users of various sophistication levels through use cases, thought leadership, collaboration, and market information and education.



Consultancy

Providing geospatial mapping and analytics planning for non-profit organizations.

Data Management Matters

Radiant.Earth provides frictionless and universal access of open earth observation imagery and data using geo-imagery data management best practices:

- Publishing metadata about catalog holdings should be easily accessible and well documented
- Make data available according to standard interoperable specifications
- Offer services for metadata discovery, viewing, download and data transformation
- Harmonize the conditions under which platform users supply data and services

Metadata Standards are Critical

Key Benefits

Metadata unlock the potential of data

- Aid potential data users in finding exactly what they need and understanding appropriate use cases for it
- Reduce duplication of data collection efforts
- Avoid duplicate purchases of the same datasets
- Supports cascading - data searching (and potentially viewing and downloading of data) from multiple catalogs at once
- Ongoing of upkeep of archive
- Technology implementation options become agile when interfaces and services are simple and well understood
- Provides Radiant.Earth ability to quickly integrate many sources of open / free as well as commercial data

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Communicate and Collaborate with GEO:

