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Analysis Ready Data (ARD) in Science and Industry

[2021 Winter ESIP Meeting Session Link](#)

Organizers: Ed Armstrong, Shannon Leslie, Steve Olding, Allan Doyle

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Introduction and Motivation (and Poll!)

- Analysis Ready Data (ARD) is a broad concept!
 - Often depends on use case or community, or how it fits as part of workflow
 - Diverse applications in remote sensing, scientific analysis and GIS
 - In some generic sense is about data "ease of get" and "lowering the usage entry barriers"
- This session will look at a spectrum of ARD stakeholders to report on learning experiences and implementations, challenges and opportunities
- Organized by the NASA ESIS Standards Office (ESIO), a NASA sponsored group formulating NASA's standards policy that recently hosted a small NASA ARD workshop
- Goal: Build momentum and understanding towards harmonization of diverse ARD activities and definitions

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Logistics

- Introduction
- Context & short audience poll (ESIO)
- Three presentations with short Q&A (ESIO)
 - Remote Sensing (RS) - Time Series, ARD and sensor fusion: The future of earth observation
 - Remote Sensing (RS) - Land Surface Imaging: Yearly Continuation (SIR-VIS-GO) - ESIO
 - Analysis Ready Data (ARD)
 - Chris Cornejo (NASA) - Analysis Ready Satellite Data in NASA's EOSDIS
- Session group facilitates to address several ARD questions and themes
 - What is your organization's approach to producing ARD?
 - What are some new ARD use cases?
 - Should ESIP get involved in ARD? How?
- Report out and Summary

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