Satellite Meeting Proposal

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Brief description

This satellite meeting will explore how Dataverse can better support spatio-temporal and event-based data through machine-actionable metadata and improved representation of context, provenance, and uncertainty.

Several sessions in the main program address AI-assisted curation, Croissant and DDI-CDI metadata, and dataset interoperability. This meeting will focus specifically on how those developments apply to data that varies across space and time, including observational, environmental, historical, and event-based datasets.

Key questions include:

- How can existing approaches (e.g., Croissant, DDI-CDI) be extended to better represent spatial and temporal context?
- What is needed to support event-based and observational data in Dataverse?
- How can provenance and uncertainty be represented in ways that support trustworthy reuse and AI workflows?
- Where are the most practical near-term improvements for discovery, linkage, and reuse of spatio-temporal data?

The session will bring together Dataverse users, developers, and researchers working on metadata, interoperability, and AI-enabled workflows, with a focus on identifying concrete opportunities for improving support for spatial and temporal data.

The format will be informal and discussion-oriented, with brief framing remarks followed by open discussion.

Expected duration 60–90 minutes

Approximate number of participants 10–20 participants