

IN036: Of Stations, Sites, Sensors, and Samples: Collaboration, Innovation, and Stewardship of Field-based Observations

Location-based fieldwork, observation, and sample collection are foundational to many Earth science disciplines. This session brings together researchers across disciplines to share best practices for collecting, managing, sharing, and reusing field data, including material samples, in-situ observations, and remote sensing measurements data from airborne or field campaigns or sensor networks.

We encourage submissions that explore a wide range of applications, new and innovative practices in curation, sharing, and reuse of field data, ethical and effective strategies for collaboration with local communities, as well as “success stories” of data preservation/rescue.



Discussion of existing or proposed metadata conventions and standards, curation methodologies, and use of persistent identifiers is particularly welcomed. Contributions should also consider the application of FAIR (Findable, Accessible, Interoperable, Reusable), CARE (Collective benefit, Authority to control, Responsibility, Ethics), and Open Science principles in data management to enhance the accessibility, utility, and scientific return of field data for future research.

Topics

- Data stewardship
- Field-based observations
- Data preservation/rescue

Primary Convener

Stephanie M. Wingo
(NASA IMPACT/UAH)

Co-Conveners

Natalie H. Raia
(University of Arizona)

Rorie Edmunds
(Datacite)

Joan E. Damerow
(Lawrence Berkeley National
Laboratory)

Abstract Submission



Submission Deadline: Wednesday, July 31, 2024 @ 11:59PM EST