# Metadata and Field Observations

- ➤ Variable standard names implementation
- ➤ More rigorous file checking tools
- ➤ Tools to automate and streamline data ingest process to data centers
  - Metadata collection
  - Data summary information

- ❖ Diversity vs. standardization in practice
- ❖ Data reporting integrity
- ❖ Metadata for uncertainties?
- ❖ Resources: data provider, data repository, and data center
- ❖ Understanding of metadata requirements

# Next step

Gain understanding of OSCAR metadata requirements and its application to various measurements, e.g., sampling mode and technique

Tool development

| Tailor metadata collection to specific types of measurement | metadata check, e.g., consistency between metadata and data |