

# **DM Policy and Processes**

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# *The 3 Components of a Research DM Strategy*



## **1) Data Management Policies**

- Defined and accessible : Policies, Directives, Standards, Guidelines, Best Practices.
- Clearly defined governance throughout the data lifecycle.

## **2) Project Data Management Planning and Review**

- pre-funding project DM planning including, assignment of responsibilities and funding allocation
- periodic DM performance review

## **3) Data Repository, tools, services, support.**

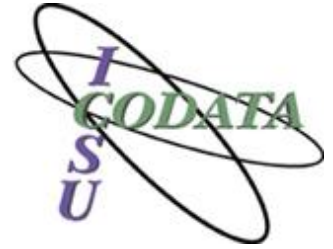
- Data repositories for on-going post-project data stewardship.
- Tools and services to assist researchers in fulfilment of their DM responsibilities.
- Support to assist researchers in DM

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# Key Policy Objectives



To clearly define and document for all project participants :

1. DM roles and responsibilities.
2. Standards ( data, metadata, etc.)
3. Planning and Timelines
4. Long-term data stewardship – data repositories.
5. Access policy
6. Documented Standard Operating Procedures.

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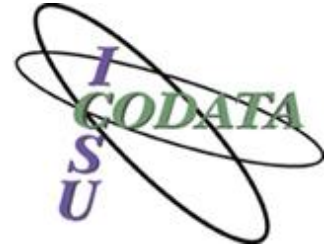
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# ***Policy Across “Boundaries”***



- As a key ISCU data organization, CODATA attempts to strengthen international science for the benefit of Society by promoting improved scientific and technical data management and use.
- CODATA’s international and multidisciplinary scope makes it uniquely positioned to advise on data policy approaches for complex science projects.
- Harmonization of policy across boundaries can be very difficult. In some cases technology, such as the use of standard transfer file formats can facilitate the required data exchange and use.
- Adoption of open international standards is one of the keys to effective cross-discipline international data sharing and use.
- When the scientific/business benefits of harmonized data approaches are clearly demonstrated and communicates success is more likely. Organizations have a responsibility to assist scientists in resolving policy conflicts.