



## Celebrating Four Years of Collaboration

Between the ESIP Information Quality Cluster (ESIP IQC) and the Australia & New Zealand Data Quality Interest Group (ANZ DQ IG)

## Motivation

- Connect and align community of practices to facilitate knowledge exchange
- Collaborate in the development and sharing of outputs and support materials
- Improve uptake of best practices

## Activity 2019 March: ESIP IQC presented and introduced the cluster's May: ESIP IQC presented at data quality session at the E2SIP activities at the Australian Research Data Commons (ARDC) downunder. The session discussed the interest of starting a TechTalk Series: ESIP Information Quality Cluster - Vision, data quality IG in Australia and New Zealand. Objectives, Accompaniments and Status **November:** ANZ DQ IG Co-chair contributed to the paper October: the Australian/New Zealand (ANZ) data quality that was led by the ESIP IQC: Understanding the Various IG commenced - facilitated by the ARDC Perspectives of Earth Science Observational Data 2020 July: ANZ DQ IG organised pre-ESIP workshop to collect AU/NZ view on the international effort towards the guidelines on Developing Community Guidelines for July: ANZ DQ IG co-chair presented the pre-workshop Consistently Curating and Representing Dataset Quality outcome at the ESIP IQC session in the ESIP summer meeting: Information Australia/New Zealand DQ IG: Scope and Areas of Interest **April:** Two co-chairs of the ESIP IQC presented at the ANZ August: Joint presentation at the Australia C3DIS DQ IG monthly call: Introducing Community Guidelines for conference: International Efforts to Develop Community FAIR Dataset Quality Information and ESIP Information Guidelines for FAIR Quality Information of Earth and Quality Cluster Overview and Recent Efforts **Environmental Science Datasets** October: Joint session at the SciDataCon 2021: The State of Documenting and Reporting Data and Information **November:** Joint BOF session at the Research Data Quality for Supporting Open Science Alliance Plenary 18: Representing and Communicating **Data Quality Information** 2022 January: A member of the ANZ DQ IG presented at the ESIP IQC session: Data Quality at Australia's Integrated Marine Observing System - Strengthening the foundations that March: Joint paper published in the Data Science Journal: underpin IMOS Global community guidelines for documenting, sharing and reusing quality information of individual digital datasets June: Joint session at the SciDataCon 2022: Enhancing Research Transparency and Trustworthiness by Making Dataset Quality Information Findable, Accessible, June: Joint BOF session at the Research Data Alliance Interoperable and Reusable (FAIR) Plenary 19: Defining, managing, and reporting dataset

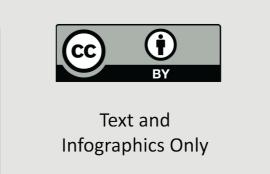
## Summary

- The collaboration has enabled knowledge sharing, standardisation and uptake of best practices within the earth science community and beyond
- Global guidelines have been developed and updated considering use cases collected from global data communities
- The two groups have also collaborated with other international groups (e.g. Barcelona Supercomputing Center, OGC Data Quality Domain Working Group); this collaboration serves as a model for wider, international virtual data information quality communities.



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quality in a multidisciplinary Open Data space

