## Coordinating National Data Infrastructures to Support Global Data-Intensive Research

The Information Standards Advisory Panel (ISAP) of the Australian National Earth and Environmental Sciences Facilities Forum (NEESFF)

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Australia's National Collaborative Research Infrastructure Strategy (NCRIS) is building a coordinated, interoperable Earth and Environmental data ecosystem through the National Earth and Environmental Sciences Facilities Forum (NEESFF) and its Information Standards Advisory Panel (ISAP).

This work positions Australia as a key international partner in advancing Open Science, supporting the UN Sustainable Development Goals, and empowering data-intensive, cross-disciplinary research from local to global impact.

As well as coordinating across Australia, members participate in global Research Infrastructures (RIs): TERN is a participant in the Global Ecosystem Research Infrastructures (GERI), ALA the Global Biodiversity Information Facility (GBIF), ACCESS-NRI and NCI the Earth Systems Grid Federation (ESGF), whilst Auscope has formed a network with the European Plate Observing System (EPOS), the US EarthScope and Earth Science NZ/Te Pū Ao. Additionally, with a goal of improving data interoperability and supporting Open Science principles, some members are actively participating in the CODATA-led WorldFAIR+ initiative. Members also belong to community-led organisations like Earth Science Information Partners (ESIP), the Research Data Alliance (RDA), AGU and EGU, bringing global information standards knowledge to Australia.































the Environment and Water









Research Infrastructures around the Globe





















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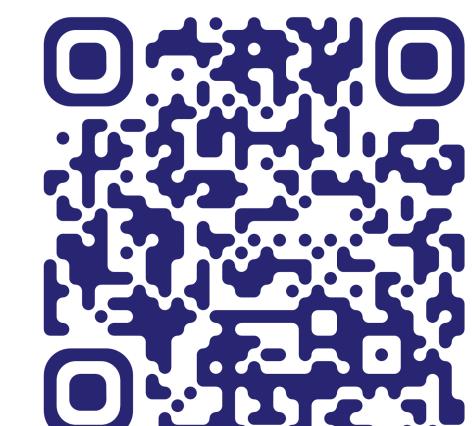
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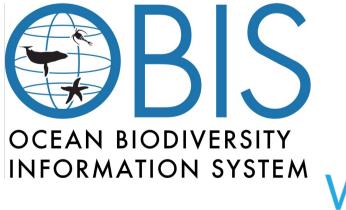
















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