## AusPass, making seismic data stewardship FAIR

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Since the inception of ANSIR in 1997 passive seismic data has been collected across Australia by Universities, State Geological Surveys and by Geoscience Australia (figure 1). Much of this data has sat on the shelves of those who have collected it, used for a specific project but not fully explored. Today the push for data to fulfil FAIR principles [1] requires that we dust off that data an make it available to all, providing the opportunity for the data to be further examined. AusPass is a new national seismic data server that will open up access to the rich data that has already been collected across the continent. The server is linked to the International Federation of Digital Seismograph Networks (FDSN) and to the Incorporated Research Institutes for Seismology (IRIS) making it findable to the national and international research communities. Metadata and data are accessible from the website www.auspass.edu.au and using programable FDSN web services. We are using community standard data formats that allow the data to be seamlessly integrated into programming routines making it fully interoperable. Allowing access to all means the data is reusable downstream for new studies and processing techniques. We hope that AusPass will foster and improve community research collaboration.

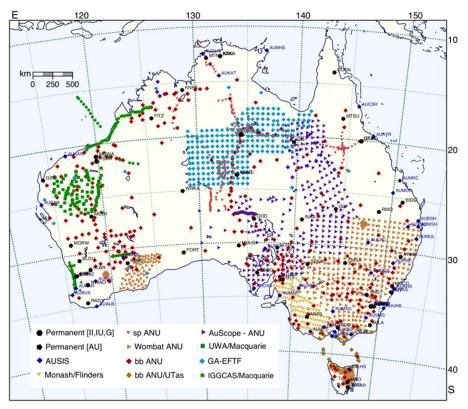


Figure 1. Current coverage of passive seismic data across Australia and the potential data for AusPass

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## References

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