



## **AGU's Earth and Space Science journal: being FAIR in the world of interdisciplinary special collections developed in collaboration with other AGU journals.**

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Earth and Space Science (ESS) is a gold open-access journal with a strong emphasis on data, methods (implicitly provenance) and interdisciplinarity. As

AGU embarks on its 100th year, the open access and open science publishing landscape provides significant opportunities to disseminate researcher's work and impactful results especially to a readership that is much broader than discipline-focused journals.

A popular publishing mode for ESS is the development and release of special collections, whereby proposals are evaluated by ESS's Editorial Board and at least one other AGU journal's editors. With the wide variety of topical areas, data types, computations, methods and techniques there is a significant opportunity for ESS to assess how Findable-Accessible-Interoperable-Reusable varies across communities and disciplines. In addition, the heterogeneity of repositories both in use and their technical capabilities to respond to, let alone comply with, FAIR is significant. This presentation includes a description of the current FAIR ecosystem for ESS (published and planned), the lessons learned to date, and speculate on future implementation options for FAIR as it relates to data and software.