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## Accelerating Open and FAIR Data Practices Across the Earth, Space, and Environmental Sciences

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Data underlying published studies is difficult to find or access, which can hinder new scientific research. Currently, only about 20% of published papers have their supporting data in discoverable and accessible repositories. The AGU, working with our partners (Dryad, CHORUS, ESIP, Wiley), and supported by the National Science Foundation (NSF), will focus on improving guidance and workflows to properly manage, link, and track data and software references throughout the publication pipeline. The resulting best practices will serve as a resource for AGU editors, reviewers, and authors and help advance data and software publication policies. Beyond AGU, this work will serve as a model for linking information across funders, data repositories, and publishers, and improving public access to research outputs. In this talk, current publication practices as they relate to the FAIR principles will be described, together with lessons learned, and how workflows and guidance are being improved.