

Open Science Without the Pain: Practical Publishing Pathways for Earth Scientists by Taylor & Francis

*Wendy Wong¹

1. Taylor & Francis.

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Contents: Open Science is now central to Earth and environmental research, driven by funder mandates, rising expectations around data transparency, and ongoing challenges with reproducibility. This session provides a practical overview of how Open Science is being implemented across the Earth, climate, and environmental sciences—and what this means for researchers in day-to-day practice. We will explore concrete solutions for sharing data and methods using FAIR principles, repositories, Data Availability Statements, and improved publication workflows. Drawing on community initiatives and journal case studies—including data editors addressing reproducibility challenges—we highlight where breakdowns commonly occur and how they can be avoided. The session also introduces emerging article types, open peer-review models, and Open Access pathways designed to increase visibility, reuse, and research credit. Early- and mid-career researchers will leave with actionable guidance, tools, and resources to meet Open Science requirements while strengthening research quality, impact, and career progression