

EGU 2025 – 27<sup>th</sup> April to 2<sup>nd</sup> May 2025

Nikki Bishop – MPhil, Queensland University of Technology, Brisbane QLD

I would like to start by thanking the Australian Geoscience Council for their support with the 34<sup>th</sup> IGC Travel Grant Scheme. Through the grant, I was able to attend the European Geosciences Union (EGU) General Assembly in Vienna, Austria. I presented a poster titled “Mapping nano- and microporosity in ductile shear zones with X-ray ptychography” in the session “Fluid-rock interactions: interplays, processes and tracers”. This was the first time presenting my research and was a great opportunity to speak and learn from researchers from all over the world. I received helpful comments and feedback which will greatly benefit my research.

EGU25 welcomed over 18,000 attendees from 120 countries and covered a variety of different geoscience disciplines over five days. Of particular interest were the Geochemistry, Mineralogy, Petrology and Volcanology and Tectonics and Structural Geology sessions. Both had various talks and poster presentations throughout the week which were relevant to my research. It was extremely valuable to hear different approaches to similar problems and how people analyse and interpret different data. I also attended networking events which connected me with academics and early career researchers which provided opportunities for future collaborations.

Attending the EGU has not only contributed to my project and research but will also support my professional growth and has provided different avenues for future work. I am very grateful to the AGC for this opportunity which will have a lasting impact on me, both professionally and personally.

