



Outside the conference venue: BEXCO Busan

I would like to extend my heartfelt gratitude to the Australian Geoscience Council (AGC) and the Australian Academy of Science (AAS) for their generous support in funding my travel and participation at the 37th International Geological Congress (IGC) in Busan, South Korea, in August 2024. This global conference gathered geoscientists from around the world, offering a valuable platform for networking and exchanging knowledge.

At IGC 2024, I had the privilege to present my research on the geochronology and geochemistry of Proterozoic shales from the Birrindudu Basin in Northern Australia. My presentation, titled “Petrographic and Geochemical Characteristics of Paleoproterozoic Shales of the Limbunya Group: Implications on Paleoenvironment Conditions,” was featured in the session on Sedimentary Geology (T1). This marked a significant milestone as it was my first international conference and my first opportunity to showcase my work on the application of novel geochemical proxies to evaluate the redox history and Rb/Sr geochronology of marine Proterozoic shales from the Birrindudu Basin. The audience’s feedback was highly encouraging, and I engaged in several insightful discussions with researchers in my sub-field following the session.



29, August: Presentation Day

Attending various sessions also deepened my understanding of cutting-edge trends in geoscience. In particular, presentations on diagenesis and sedimentary environments were directly relevant to my research, offering new insights into secondary alteration processes and geothermal influences. Conversations with fellow attendees, particularly those working in isotope geochemistry and paleoclimatology, have opened exciting possibilities for future collaborations and further investigation of geochemical proxies.

I took advantage of multiple networking opportunities with professionals, including geochronologists and geochemists, whose expertise could greatly benefit my ongoing research. Beyond the academic sessions, attending the Young Scientist Party was an unforgettable highlight of the conference. It was an incredible experience to meet and socialize with early-career geoscientists from across the globe in a more relaxed setting.

My participation in the IGC 2024 conference has been an invaluable experience, exposing me to the latest advancements in geoscience and helping me build meaningful connections within the scientific community. I am deeply grateful to AGC and AAS for their support, which made my involvement possible, and I am confident that the knowledge and contacts gained will significantly enhance both my research and professional growth. The sense of community and shared passion for geoscience was truly inspiring, and I came away with a renewed excitement for my work and future opportunities.

Feel free to use these if needed; I wasn't sure how formal or informal the photos should be.



From the young scientist party with the performers and colleagues



Enjoying Korean cuisine with colleagues and some newly made friends