

Thanks to the funding provided by the Australian Geoscience Council I had the privilege of attending the Australasian Groundwater / New Zealand Hydrological Society Joint Conference in Auckland in November 2023.

At this conference I presented a poster, which was titled “Using Water Quality Data to Diagnose Potential Issues with Groundwater Bore Integrity”. My research was focused on using statistical methods and plots to highlight water quality indicators associated with bore integrity issues, by comparing bores with documented issues to their replacement or analogous bores. My poster received a lot of interest and good feedback, and a few people even approached me after I had presented to follow up and ask some questions.

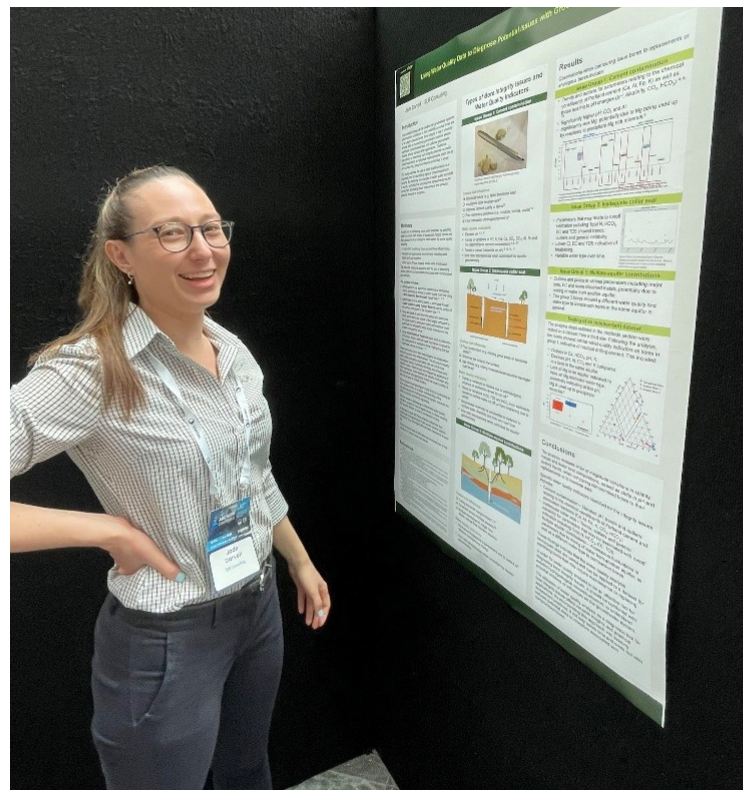
The conference ran for three days, where there were many interesting and educational talks. It was great to learn about the latest technologies and technical approaches used in groundwater. I found several of the talks useful and relevant for specific projects that I am currently working on as a consultant in hydrogeology. I particularly enjoyed the sessions on groundwater in infrastructure and groundwater quality. I also enjoyed the networking opportunities and made many new connections. It was also great to develop a relationship with the New Zealand attendees and to develop a stronger relationship with the Brisbane attendees.

The day following the conference was a field trip to Waiheke Island. On this field trip we were able to learn about the geology and hydrogeology of the island. We also learned about the islands water management issues and measured the groundwater water levels in some of the bores.

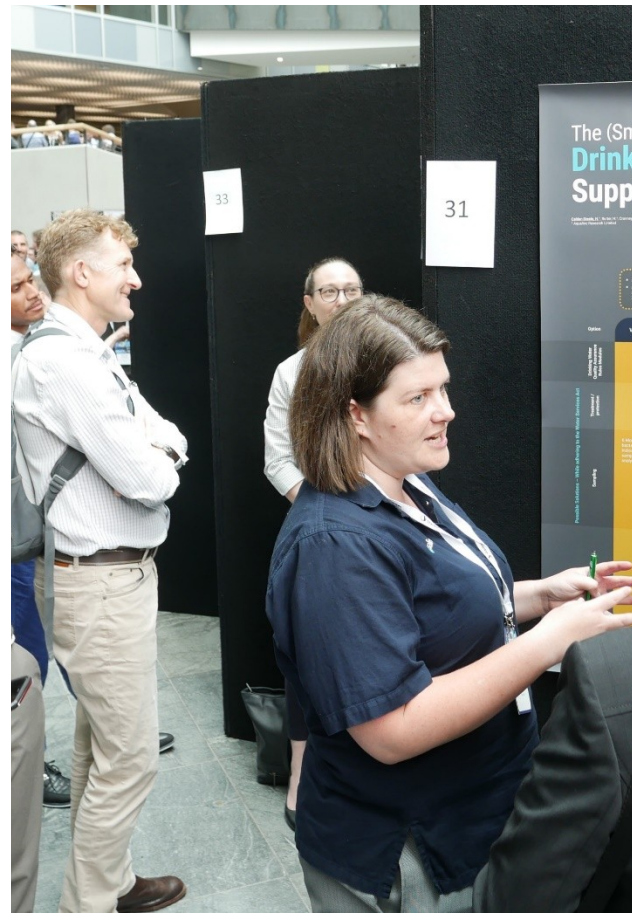
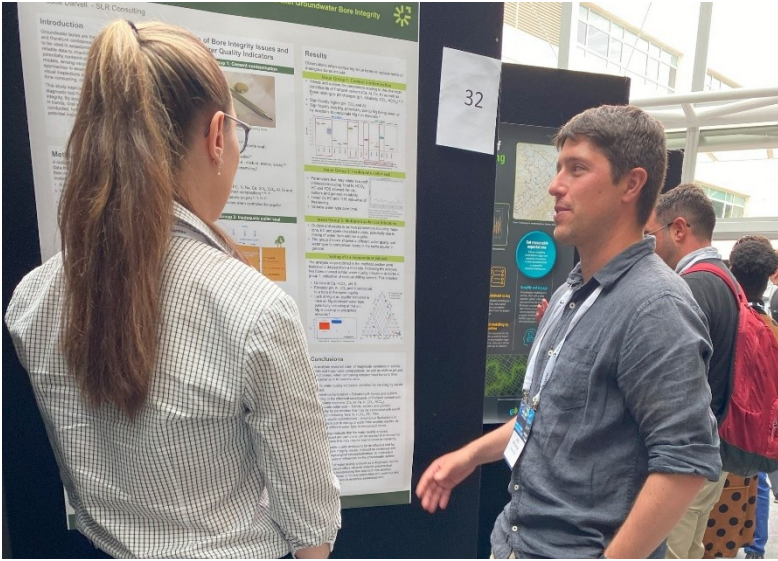
Overall, attending the conference was a fantastic experience, it allowed me to strengthen my communication, networking and presentation skills and I am extremely grateful to have had this opportunity.



AGC Grant recipients - Jade Darvell (left) and Lisa Gurieff (right)



Jade Darvell presenting poster titled “Using Water Quality Data to Diagnose Potential Issues with Groundwater Bore Integrity” at the AGC/NZHS Joint Conference in Auckland NZ



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*Field Trip to Waiheke Island on the final day of the AGC/NZHS Joint Conference*