

**Robin Keegan-Treloar B.Sc. Hons.**  
Hydrogeologist  
m. 0434 918 715  
e. robin@innovativegroundwater.com.au



## Overview

Robin is a capable hydrogeologist with a wide breadth of knowledge throughout hydrogeology. His main interests are in the use of geostatistics and stochastic methods for modelling spatially variable phenomena. This interest arose from his PhD project that focused on approaches to utilize sparse datasets to characterize the regional hydrogeology surrounding a culturally and ecological spring complex in the Galilee Basin, Queensland, Australia.

He has strong technical and data analysis skills that have been demonstrated through analysis of hydrogeological and meteorological datasets to address a wide variety of problems and through the development of Python-based software for spatial, hydrogeological, and meteorological projects. He has excellent GIS skills and experience using major modelling codes including MODFLOW-6, PHREEQC and GSLIB.

His experience using stochastic approaches to fully utilize available data has proved valuable for conceptualizing groundwater systems on both local and regional scales. He has excellent written skills as demonstrated through the publication of research in leading international journals and the timely delivery of high-quality reports to stakeholders. Robin has an excellent attention to detail and is dedicated to providing high-quality science to address client needs.

## Qualifications

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**2019 B.Sc. Hons (1<sup>st</sup> class)**  
Flinders University, South Australia

Thesis: *A multi-method hydrological study of Wither Swamp, in the Fleurieu Peninsula, South Australia.*

**2018 B.Sc.**  
Flinders University, South Australia

## Employment history

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**September 2022 – Present**  
Hydrogeologist: Innovative Groundwater Solutions Pty Ltd

**2018 – 2022**  
Research Assistant: National Centre for Groundwater Research and Training and Flinders University

**2018 – 2022**  
PhD Candidate: Flinders University and the National Centre for Groundwater Research and Training

**2018 – 2021**  
Student outreach and teaching assistant: Flinders University

## Certifications / Licenses

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Sep 2022      Theory and Practical Use of Portable Fire Extinguishers, Bob May

Jun 2022:      Remote First Aid (HLTAID009, HLTAID010, HLTAID011, HLTAID013), St John