



Do you float above the pack?

Waterway Specialist and Geomorphologist

Streamology is a growing, niche consulting company that develops many of the methods and strategies used by the water and waterway industry. We are increasingly becoming a preferred specialist provider in water and waterway science and particularly geomorphology in rural and urban areas. With this growth we are looking for **two** exceptional Waterway Specialists with a Geomorphology focus to join the team at both the mid and senior levels.

Are you:

- An exceptional and passionate waterway specialist and fluvial geomorphologist?
- An inquisitive thinker able to tease out the 'why' and 'what'?
- Able to think and work through the layers of a problem from the ultimate question to the conceptual basis?

- Enthusiastic about strategic projects, managing project teams and diving deeper into client relationships?
- Keen to float above the pack and work in a nimble and cohesive team working to change the industry and our future?

Why Streamology?

Streamology is a small company experiencing rapid, organic growth – the industry seems to appreciate what we are seeking to achieve. As a result, there's always a lot to do. Things move fast, we can get overloaded and we need to work as a team to make the best decisions on a host of project and business-related challenges. You will not be a passenger, instead you will be integral to driving this success. We believe in doing things differently, challenging current paradigms, and daring greatly, and we know that we will get some things wrong. We learn from these mistakes and look to the root cause of the issue. Then try again with improvements. We are energised by this continual innovation and working in an adult environment where we minimise policies and procedures, placing the utmost responsibility and trust upon each of us at the individual level.

Can this make the ultimate Stream Team?

What are the positions?

Both positions (senior and mid-level Waterway Specialist/Geomorphologist) form a core element of the Streamology consulting team. They allow the right candidates to influence the direction of not only the company, but to also play a fundamental role in achieving the outcome of better management of water and healthier waterway environments.

Both positions will be required to manage projects and respective team members (pending experience), liaise with clients, and contribute to the delivery of projects. Both positions will cover a broad spectrum of projects with a specific focus on fluvial geomorphology, waterway science, strategy, monitoring and assessments, environmental flows, and the management of physical form and function. Projects include both rural and urban waterway settings.

Ultimately, both positions will influence the way waterways positively shape our industry and our landscapes. Whilst working with, and developing with, an engaged group of like-minded scientists, engineers and thought leaders

What could you be doing each week?

- Geomorphologic consideration and assessment of waterways and landscapes including desktop and field assessments, development of methods, monitoring, categorisations, strategies and conceptual designs (through to functional and detailed design if appropriate).
- Environmental flows/streamflow investigations, monitoring and assessments (both rural and urban environments).
- Project management, including managing clients, teams (internal and sub-consultants) and budgets.

- Spatial analysis and mapping (e.g. ArcGIS, QGIS).
- Producing specialist mapping and interpretation for waterways using drone/UAV technology (we will train on specialist software) – Including flying drones for monitoring if you're keen.
- Undertaking fieldwork in rivers and wetlands in rural or urban environments.
- Coordinating logistics for field trips compromising a multitude of stakeholders and equipment.
- Travelling within Victoria and throughout Australia, occasionally working remotely.
- Working with team members to help them achieve results and meet deadlines.
- Crunching data to work out the 'what' and 'why' (e.g. excel, R).
- Producing high quality technical reports, and presenting findings, with the goal of distilling complex concepts into the important, simple messages.
- Relationship development with new and existing clients across the private and public sectors to continually develop the business for ongoing work.
- Effectively managing your time – we work in a fast-paced environment and the goal posts can change.
- Developing winning proposals that highlight our point of difference.

What do you need to excel in this role?

- Relevant experience in waterways, including one or more specialty in fluvial geomorphology, hydrology and/or hydraulics, spatial analysis and numerical data analysis including managing projects (3 to 20 years – or with more please don't hesitate to get in touch).
- Appropriate qualifications commensurate with the role requirements such as a Graduate, Masters or Doctorate in fluvial geomorphology and /or environmental studies.
- Proven ability in modelling processes for complex systems, with demonstrable experience using relevant modelling applications and interpreting their results.
- Proven ability to think about water and waterway systems at a range of scales and within varied contexts (specifically urban and rural).
- Understanding of the consulting business model and what drives success in this space.
- A team player, flexible attitude with a will and ability to get the job done.
- The ability to interpret and distil in verbal and written form, including high-level presentations and workshop facilitation.
- A willingness to learn and tackle problems differently both on client-facing, as well as internal business challenges.
- Passion, humility, integrity, positive attitude, strong personal values and ethics.
- Ability to operate at all times with a safety mindset.
- A current drivers licence.

And to excel even further you may have:

- Knowledge of the academic/research sector and how this is integrated into management.
- Knowledge of the intricacies of the public sector and consulting opportunities.
- A general level of fitness to ensure the ability to undertake fieldwork in sometimes challenging terrain and a range of weather conditions, including but not limited to walking reasonable distances on uneven ground and carrying equipment into field sites.

- Experience using UAV software (e.g. Pix4d) and producing detailed outputs using this software.
- Experience operating Drones.

What's in it for you?

- The opportunity to contribute to industry-changing approaches to managing water and waterways
- Development of your technical skills and experience from a range of in-house experts in the field, and ongoing collaborations with universities and specialists.
- The chance to shape and grow a young and dynamic company.
- A fun, engaging, and fast-paced workplace.
- Flexibility to enjoy your lifestyle and the environment in which we live.
- An idea meritocracy that values your opinions and ideas - lateral thinking, vision and foresight is highly valued at Streamology.
- A flat structure, we are a small boutique company that is open and honest with each other all the time.
- A safe working environment.

Where will you sit?

Preferably in Streamology's Nicholson St office in Melbourne (the funky end)... or at home, in a café, or on the side of a river, or wherever you feel you are most creative and productive. With fieldwork particularly in Melbourne, regional Victoria, regional NSW, Sydney or throughout Australia.

Remuneration

Remuneration is commensurate with skills and experience (\$80,000 - \$150,000 pa plus super)

Please send your applications to Fearn Sinclair at admin@streamology.com.au by 24th October 2021, or for further information please phone Christine Lauchlan Arrowsmith on 0448 909 398.