The background image shows a lush landscape with tall grasses in the foreground, a body of water reflecting the sky, and a line of trees in the distance under a cloudy sky. A semi-transparent dark box is overlaid on the lower half of the image to contain the text and logo.

Civil/environmental engineer Position Description



alluvium
consulting

Alluvium Consulting is part of the Alluvium Group

The Alluvium Group was founded to bridge the gap between the science, policy and on-ground implementation. We offer informed, creative, practical and useable advice. In doing this we hope to improve the way society deals with the connected and difficult issues of the community and nature.



Who is Alluvium

The Alluvium Group brings together five organisations who share a common purpose: to make a difference to the world we live in.

Our businesses share a collective vision, strategy and a commitment to client service. Our business model is unique and driven by a genuine belief that a focus on technical depth and excellence better serves our clients.

We work together when it adds value, for instance jointly investing in the Group's R&D program to give back to the industry and to ensure that the latest science has a path to implementation.

As a group we are focussed on an enabling culture in order to remove barriers to creativity and encourage people to develop as leaders throughout our industry.

The strength of our group is embedded in the independent business decision making of our company boards and leadership, and the ability of each entity to focus on delivering exceptional work for our clients.

For further information about the group please go to:

<https://www.alluvium.com>

More information on our businesses

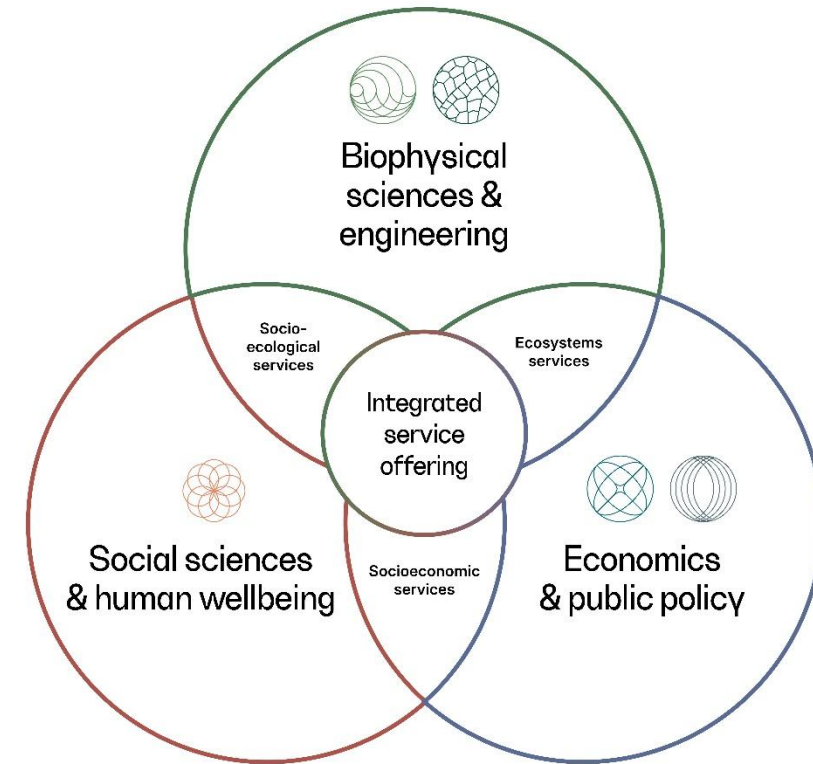
<https://www.alluviumconsulting.com.au>

<https://www.nceconomics.com/>

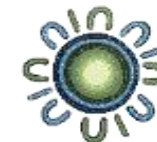
<https://www.mosaicinsights.com.au/>

<https://www.ecofutures.com.au/>

<https://www.amperes.com.au>



We are a certified BCorp, operate as a carbon neutral business and are actively committed to reconciliation through our RAP and other initiatives



We provide leadership in waterway management

For nearly two decades, we've played an active role in shaping the national understanding of river, creek, and catchment systems, both through our project work and our contributions to research partnerships. Many of our team have held leadership roles in key Cooperative Research Centres, including the eWater CRC, the CRC for Water Sensitive Cities, and the current One Basin CRC. This involvement ensures we stay at the forefront of emerging science in flow regimes, geomorphology, aquatic ecology, and climate science.

We invest heavily in applied science, not just by using it, but by creating it. Since 2018, we've directed more than [10% of our profits into research](#), working with institutions like CSIRO, the University of Newcastle, and Western Sydney University. Through our co-ownership of the [Centre for Water, Climate and Land \(CWCL\)](#), we're actively advancing the science around hydroclimatic extreme, helping to understand and manage the impacts of floods, droughts, and a changing climate on waterway systems.

We collaborate with research organisations, focusing on two-way knowledge exchange to explore research questions that best harness our collective capabilities. We have more than 15 partnerships with research organisations.

Read our insight articles



[Re\(connecting\) urban rivers with nature](#)



[Restoring Australian rivers by understanding and mimicking nature](#)



[Bringing new practices in waterways design to life](#)

We have delivered thousands of projects to rehabilitate urban and rural waterways. Please click on the links to see what our staff have to say.



[Urban stream naturalisation video](#)



[River rehabilitation video](#)

Our team is growing and you could be part of it

We are looking for a new member of our SA team to contribute to successful delivery of projects and a positive contribution to water, catchment and waterways management. We are looking for **graduate or early career engineer** with an interest in building a career in water engineering.

The role will work closely with Alluvium's other engineers, as well as geomorphologists, scientists, urban water strategists, economists, social scientists, catchment modellers and planners to plan, design and implement some of Australia's most exciting and challenging river restoration, urban water management and urban stream naturalisation projects. Successful applicants will have an opportunity to develop their professional skills in an organisation with proactive and applied mentoring, and an exceptional culture of creativity, respect and teamwork.

The Alluvium skillset covers strategic planning through to detailed design for a range of urban and rural water management challenges. Some of our current and recent work in SA includes:

- Water options for City of Onkaparinga
- Environmental and cultural flows for Northern and Yorke Landscape Board
- SA Water supply and demand modelling
- SA River Murray Flood Forecasting

In this role, you will be part of the delivery team for a range of projects across Australia and overseas, carrying out:

- **Hydraulic and hydrologic modelling** using software such as 12D, HEC-RAS, MUSIC
- **Spatial analysis and mapping**
- **Concept and detailed design**
- **Report writing and presentation** to clients

You'll also support our SA Manager in client engagement and business development.





Graduate engineer

We are looking for a person with the following attributes and skills:

- A degree or higher in civil or environmental engineering or equivalent
- 0-3 years experience applying engineering principles in relevant waterway, river and catchment scenarios and at various landscape scales
- Maturity to take responsibility for agreed outputs, completion and quality of products
- Excellent ability and self management in interdisciplinary work, information assimilation, analysis and problem solving, thinking strategically and demonstrated success in applying skills and experience to real world problems
- Demonstrated ability in communicating information, including high quality writing skills in English
- A willingness to contribute to a collaborative and values-driven work culture
- Ability to develop good rapport with clients, stakeholders, staff and partners, together with listening skills empathy and awareness
- A long-term perspective and ability to build knowledge, skills, relationships and profile



Details

The role will be based in our Adelaide office. We do, and always have, offered flexible working arrangements. The roles could be full or part time.

Remuneration is commensurate with skills and experience and subject to negotiation. An important part of our business is its ownership structure. Currently we have almost 50% of our staff as owners in the business and with a philosophy of increasing disbursement to create further ownership opportunity.

If you would like more information on the role, please contact Pete Morison for a confidential discussion.

Pete Morison

Phone: 0431 724 913

Email: pete.morison@alluvium.com

Applications consisting of a short cover letter and CV, including your working rights and GPA/WAM, can be sent to: info@alluvium.com

Please email your application by COB, 26 July 2025

**Melbourne
Canberra
Sydney
Adelaide
Brisbane
Byron Bay
Townsville**

**Bangalore
Chennai
New Delhi
Phnom Penh
Ho Chi Minh City
Dunedin**

