



Position Description
Senior integrated water management specialist

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Overview of Alluvium

- We are an employee-owned consulting firm founded in 2006 to provide advice to government and private organisations to issues facing our water resources, rivers and catchments.
- We believe the application of creative thinking, robust science, practical engineering and effective communications can address the complex and interrelated threats to our natural environment.
- Over the past 5 years we have increasingly become involved with urban water issues in terms of the impact on waterways but also integrated water management policy, planning and economics to enable better practice in the interaction between water and human health and well being.
- We work hard to differentiate our business and believe it is possible for a commercial organisation to measure its success by things other than profit alone.
- Our motivation is to create a business that can and will make a difference to the world in which we live. We invest heavily in an enabling culture, which removes barriers to creativity and freedom of thought and encourages people to develop as leaders throughout our business. Our culture, clients and technical focus allows us to attract and retain the best staff in the industry.

The Alluvium Group and urban water

Alluvium Consulting Australia Pty Ltd is part of the Alluvium Group of companies. Each of these companies was formed in response to critical environmental and societal issues and combine to enable us to achieve our vision of making a positive difference to the world we live in.

The successful applicant will have interactions with each organisation and will identify synergies across them to deliver a superior outcome for our clients.

Alluvium Consulting Australia Pty Ltd is a national leader in urban and rural water management, catchment and river restoration science and engineering. Alluvium provides an integrated service that blends water policy and planning, strategy, engineering, urban and rural hydrology, social science, modelling, stakeholder and community engagement.



Alluvium International Pty Ltd provides an opportunity for us to contribute solutions to complex international environmental issues. Alluvium International services the World Bank, Asian Development Bank and Australian Water Partnership in urban and rural environments and aims to form partnerships with like minded companies internationally to deliver high quality service.

Natural Capital Economics Pty Ltd (NCE) delivers true integration of science and economics into project delivery. NCE aims to help clients understand and resolve complex and pressing challenges related to urban water, water resource, climate change and the natural environment. The successful applicant will collaborate with NCE to advance the link between urban water, science and economics.



Mosaic Insights Pty Ltd was established to apply a unique, evidence-based approach to the creation of resilient, liveable landscapes that connect people, support ecological systems and increase economic opportunities. We apply the latest tools and approaches from around the world, such as the National Park Cities concept and the Co-operative Research Centre for Water Sensitive Cities Index.

The need for this role

Alluvium has grown from a background in surface water and catchment management. We now work as specialists in urban water strategy and planning across the country and internationally. Our growth in urban water has meant we require additional capacity to continue to grow this area of the business.

Our business has further diversified with the establishment of our subsidiary businesses which address economics (<https://www.nceconomics.com/>) and social impacts (<http://mosaicinsights.com.au/>). We create experienced and talented multidisciplinary teams across these subsidiaries - and with our other partners - to deliver our projects.

Water is increasingly being recognised as an enabler to create sustainable, liveable and healthy communities. We see an opportunity to play a leadership role across Australia, by delivering integrated water management projects that produce tangible on-ground solutions to achieve these high level outcomes.

We are seeking a talented individual with the capability and motivation to help drive this leadership and business growth. The addition of this role will strengthen our collective skills and capacity, particularly in the contemporary and future management of water supply, sewerage and recycled water.



Overview of role

- The role is based in Melbourne, although travel to other parts of Australia (and potentially internationally) will be involved
- The successful applicant will be involved in working with multidisciplinary teams developing urban water policy, strategies and subsequent design (to a concept or functional level)
- The role will require close engagement with staff from across the Alluvium Group, including NCEconomics in particular
- The successful applicant will deliver projects for a range of clients including water wholesalers, retailers, private developers and local government
- In this work they will need to understand the operation, regulation and governance of each element of the water cycle in order to facilitate the resolution of urban water issues to the satisfaction of clients and stakeholders
- The successful candidate will also need to extend your traditional engineering knowledge to illustrate how our approaches benefit the community through improved liveability outcomes and contribute to the development of resilient urban spaces

Key skill areas

- An engineering or science background with at least 10+ years experience in planning, policy or implementation of urban water cycle and integrated water management schemes
- Extensive hands-on knowledge of how each aspect of the urban water cycle works and is managed; while this is not a job for a design engineer we want someone who understands how things work on the ground
- Knowledge of the Victorian water industry and how policy and regulation impacts delivery and performance
- Ability to independently and critically interpret models, diagnose problems and identify solutions
- Excellent communication skills: the successful candidate will need to demonstrate the ability to work across different disciplines and locations and be able to communicate 'up'
- Excellent writing skills are essential
- International experience would be an advantage
- Additional complementary skills including design experience and understanding in the operation of spatial, hydrological, hydraulic and engineering design and software is an advantage

Remuneration and contacts

- Remuneration is commensurate with skills and experience and subject to negotiation
- We have generous policies surrounding leave and other employee benefits
- An important part of our business is the ownership structure. Alluvium is a staff owned business. We are committed to continued broadening of the ownership to staff who support and are actively engaged in the attainment of our strategic goals. It is a preferred option for all senior staff to have ownership in the business over time.
- Please contact Mark Stacey or Dan O'Halloran to further discuss this role
 - mark.stacey@alluvium.com.au (0406 429 519)
 - dan.ohalloran@alluvium.com.au (0433 487 757)

An aerial photograph of a river delta system, showing a main river channel branching into numerous smaller channels and distributaries. The water is a deep blue-grey, and the surrounding land is a mix of green vegetation and light-colored sediment or sandbars. A dark semi-transparent rectangular box is overlaid on the lower-left portion of the image, containing the company logo and a mission statement.

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We are passionate about the protection and restoration of waterways, catchments and water resources. We strive to make a positive difference to the world we live in.