
Waterway engineer
alluvium

Our team is growing and you could be part of it

We are looking for a new member to join our team to contribute to the successful delivery of projects and have a positive impact on river and catchment management. The successful applicant will be a **waterway engineer** who is passionate about protecting and improving the environment.

You will work closely with our dynamic team of engineers, as well as geomorphologists, scientists, urban water strategists, economists, social scientists, ecologists, 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. You will have an opportunity to be part of an organisation with an exceptional culture of creativity, respect and teamwork.

The Alluvium team skillset extends from strategic planning through to detailed design for a range of urban and rural water management challenges. Some of our recent work in the region includes:

- Cooks River, Hawkesbury River and Lake Illawarra erosion assessments and bank management strategies
- ACT Healthy Waterways Program- designing creek naturalisation works and other WSUD assets
- Coolibah Reserve wetland design and construction support
- Passive street tree irrigation design
- Post flood bank stabilisation prioritisation and design

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

- Project management/leadership
- Concept and detailed design
- Spatial analysis and mapping
- Modelling using software such as 12d, HEC-RAS, TUFLOW, MUSIC
- Report writing and presentation to clients
- Field work

Skills and experience

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

- A degree or higher in civil or environmental engineering or equivalent
- 5-15 years experience applying engineering principles in the waterway, river and catchment space
- An appreciation of how the management of our waterways and catchments can be improved and how you would like to contribute to this
- A willingness to contribute to a collaborative and values driven work culture
- Strong interpersonal skills
- Proficiency and experience in analysing the hydraulics of both natural and engineered waterway
- Experience with hydrologic and hydraulic modelling software packages
- Experience with 12d and AutoCAD
- Strong GIS capabilities
- Well developed project management skills
- Experience working within a team but also to work autonomously when required
- Proven 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.

The Alluvium Group

The Alluvium Group brings together four 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.

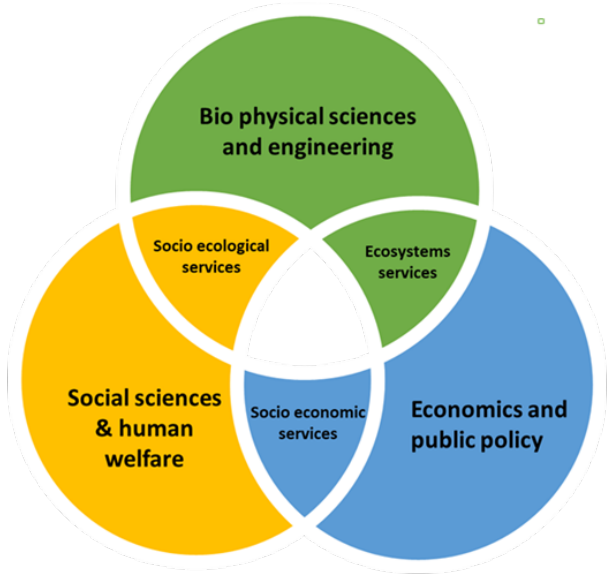
For further information about the group please go to:

https://www.alluvium.com.au/

https://www.nceconomics.com/

https://mosaicinsights.com.au/

https://ecofutures.com.au/



alluvium

Science, engineering and strategy for catchments, rivers and coasts.

MOSAIC insights

Insights and impact for social landscapes of the future

NCECONOMICS

Economics and public policy insights and advice.

EcoFutures

Landscape scale ecological science, policy and planning .

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

RECONCILIATION ACTION PLAN
REFLECT

Certified B Corporation

Details

This role would ideally be based in our Sydney, Canberra or Melbourne offices but could also be situated in any one of our other offices in Newcastle, Bangalow, Brisbane or Townsville. We do, and always have, offered flexible working arrangements. The role is preferably full time but could be 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, with a philosophy of increasing disbursement to create further ownership opportunities.

The Alluvium Group is proud to be certified as a Great Place to Work®.

If you would like more information on the role, please contact Lisa Walpole (Regional Manager NSW) or Oliver Light (Team Leader – Waterways and Coastal) for a confidential discussion.

Lisa
Phone: 0414 096 545
Email: lisa.walpole@alluvium.com.au

Oliver
Phone: 0416 464 888
Email: oliver.light@alluvium.com.au

Applications consisting of a short cover letter and CV can be sent to:

info@alluvium.com.au

Please email your application by COB, Monday 6th February 2023

alluvium

Our Acknowledgement of Country

The Alluvium Group acknowledges the Traditional Owners of the land, sea and waters where we live and work.

We acknowledge their continuing connection to culture and Country and pay our respects to Elders past present and emerging.

Alluvium honours their past, respects the present and look forward to a reconciled and prosperous future for all.