



Technical Manager – Water

Position Description



The Alluvium Group

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

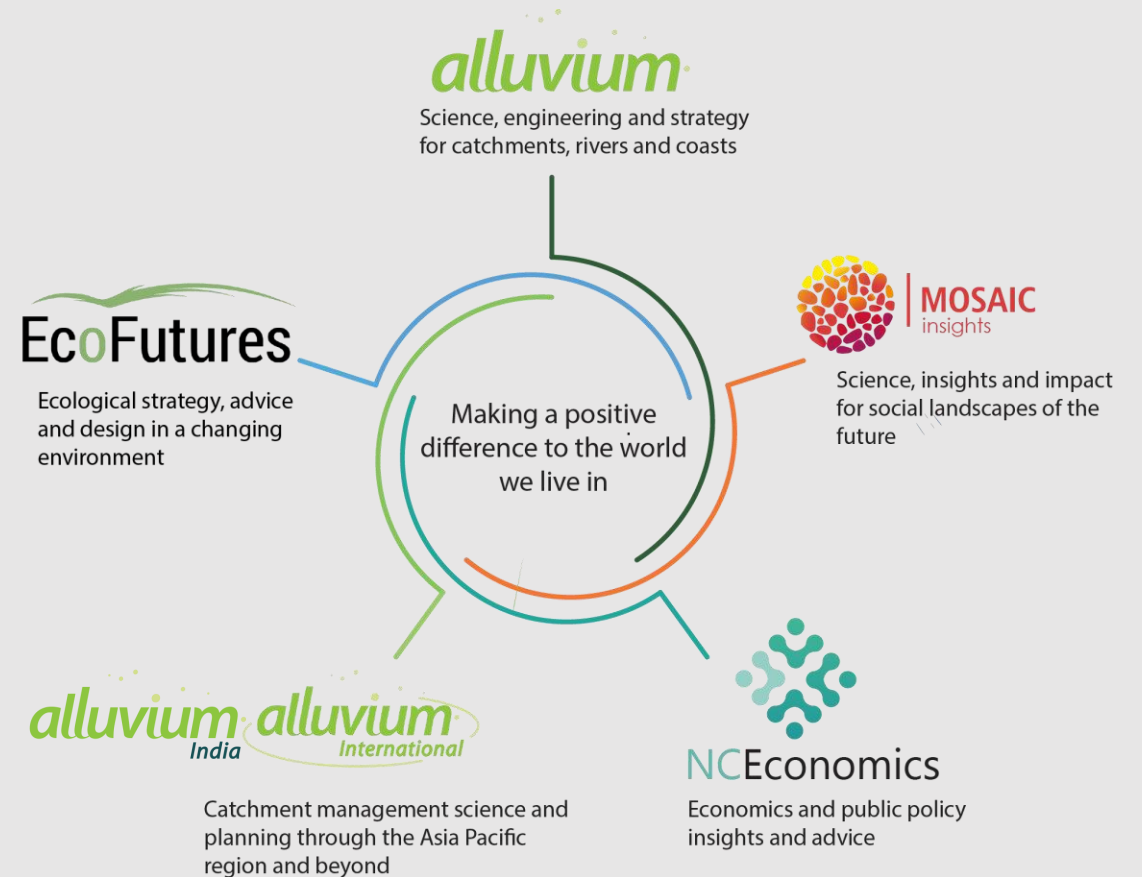
We are scientists, planners, engineers, strategists, analysts and economists. We combine these skills to address the complex, systemic, and intractable issues facing our society, environment and economy. By solving these problems we transform the way we live and the health and productivity of our catchments, rivers, coasts and cities. Our business model is unique and driven by a genuine belief that it serves our clients better. 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.

We currently have approximately 150 staff across the group and operate out of offices in Melbourne, Canberra, Sydney, Brisbane, Townsville and New Delhi. At any given time we have approximately 500 active consulting and research projects underway.

The Group operate under a common strategy and set of policies. We share facilities and the individual companies partner extensively. Our international arm represents the various discipline-based services in the Asia-Pacific region including our team in India. We jointly invest in activities such as our Research and Insights Program and are in the process of creating a Not-for-Profit Foundation to expand our impact on issues of environment and communities.

We are completely employee owned with more than 60% of our staff being shareholders and an active process underway to increase this number.

This role is with Alluvium Consulting India which represents the Group in India.



Who we are

Our history

Alluvium was formed in 2006 with a focus on river health management and over time has grown to be one of Australia's largest and most trusted brands delivering holistic catchment to coast science, engineering and economics. We now employ over 100 staff across the Alluvium Group and have an increasing international presence.

Since 2016 Alluvium has been exploring and entering the Indian market. We have had success in obtaining multiple contracts for projects in India and establishing a pipeline of opportunities. The type of work that Alluvium does is in demand in India and the Alluvium brand is becoming well known to key stakeholders. Building blocks have been established for an ongoing successful Indian business so Alluvium Consulting India was established in early 2021 to bring the Group's expertise to the Indian market.

Our vision

We solve the complex and systemic challenges facing society and environment in India

Our technical focus areas



Recent example projects

- Developing urban waterbody rejuvenation guidelines for Ministry of Housing and Urban Affairs (MoHUA)
- Preparation of Master Plan for Creation of Sponge City and Detailed Project Report on Water Bodies Rejuvenation for Four Cities in Assam
- Preparation of Comprehensive Detailed Project Report for Rejuvenation, Bioremediation and Sustainable Conservation of Silasko Beel, Assam
- Alleviating Water Logging Problem in Critical Areas of Dimapur, Nagaland
- Preparation of Detailed Feasibility Reports for Restoration of Cooum & Adyar Rivers and Buckingham Canal, Chennai
- Developing a Water Sensitive Amaravati, Andhra Pradesh
- Water Accounting Reservoir Optimisation For Narmada River Basin
- User Guide for River Basin Planning for Krishna basin
- Review of River Basin Planning Policy & Regulatory Frameworks in India



The role

We are looking for a Technical Manager – Water for our Indian team to help deliver our growing project portfolio.

The role will be responsible for delivering a range of hydrology and water resources engineering works for Alluvium in India and potentially internationally.

This includes:

- Serving in lead technical roles on Alluvium projects involving, for example, water resources modelling (hydrology and hydraulics), urban flood assessments and water sensitive urban design
- Developing ‘Detailed Project Reports’ and ‘Detailed Designs’ as per project requirements
- Monitoring of project delivery and financial health
- Overseeing and ensuring technical excellence in projects
- Participation in business development activities such as bid preparation and review
- Developing and/or maintaining relationships with key potential and existing clients and partners
- Mentoring of project teams and staff members

The position will report to the General Manager of Alluvium Consulting India.



About you

You are a recognised expert in hydrology and water resources engineering. You have a passion contributing to resolving the complex water, environment and urban issues facing India.

You understand that technical excellence is critical to the ongoing success of a business, and you strive for this excellence in your work.

You share our vision and will reflect that in decision making, engineering and business development choices.

Your skills and experience

- PhD or Master's Degree in Engineering, specialising in water resources.
- 10+ years of experience undertaking water resources projects, either in rural or urban context, including experience on multilateral bank funded projects (e.g. World Bank and ADB) and central government projects (e.g. NHP).
- Proficient understanding and knowledge of frequently used software such as HEC programs, XP-SWMM, MIKE, AutoCAD and Civil3D.
- Experienced in project managing large projects for Indian Government agencies, private sector and donors
- Experience in direct supervision and leadership of administrative and junior level staff as well as ability to interact regularly and professionally with senior management and technical staff



Other important information

Time requirement

We anticipate the role would will be full-time, but we are open to creative solutions

Location

New Delhi is preferred (other metro cities with international connections may be considered for an exceptional candidate)

Remuneration

Remuneration is commensurate with skills and experience

What we offer

Generous leave and other employee benefits

An inspiring work environment and a supportive team

Contact

If you would like more information on the role please contact Advait Madav (advait.madav@alluvium.com.au) for a confidential discussion on email.

Applications

To apply for this role please provide a resume and a cover letter (max two pages) with a short description of how you meet the required skills and experience.

Applications to info@alluviumgroup.in by 31st January 2023

For more information

Please visit www.alluvium.com.au

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