



INTERNATIONAL DEVELOPMENT

Our international development team aims to create positive change through linking our key expertise to water resources related development challenges in the Asia-Pacific region.

Our team is made up of senior and internationally experienced experts in catchment and river health, NRM and water economics, integrated river modelling, monitoring and evaluation, social science, urban water management, water regulation engineering and eco-hydrology. We have experience in a wide range of countries including Cambodia, China, Colombia, India, Laos PDR, Malaysia, Myanmar, Nepal, Thailand, Tuvalu and Vietnam.

Why Alluvium

Internationally recognised expertise

We are internationally recognised in the areas of river morphology, catchment modelling and urban water strategy.

Focus on real world outcomes

We work in natural resource management and our value is that we understand what works on the ground from a economic, social and biophysical perspective.

Links with Research

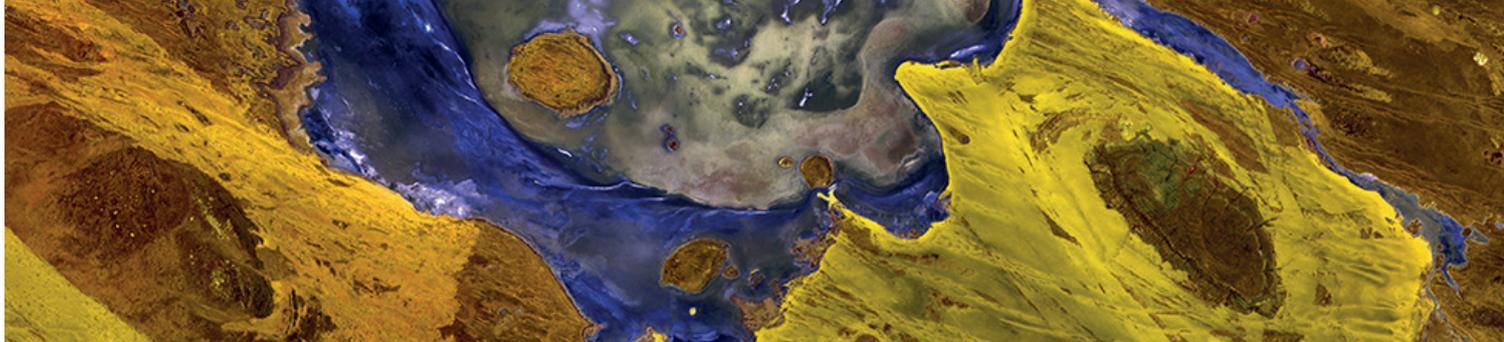
We collaborate and are a partner with research organisations across Australia and internationally. Our approach is to work with relevant groups across multiple universities and organisations so that we are exposed to the best research wherever it comes from.

Modelling strength

At a catchment scale we pride ourselves in being able to bring together the river operations modelling with other hydrological approaches such as Source catchments. We are intimately involved with the further development of these models and have active links with research organisations such as CSIRO.

True Integration of science and economics

We value the integration of science with natural resource economics. Our integration is reflected in our project managers, delivery teams, and communication processes. Our approach is to ensure the economic analysis is driven by the management questions and not the other way around.



River Basin Planning

We are experts at strategy development for natural resource management and water management issues. We build on our depth of on ground experience.



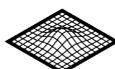
Urban water strategy

Urban areas provide unique challenges and opportunities for environmental management. We blend social, environmental and economic drivers with the local context to develop effective strategy.



Program evaluation

Alluvium has a long established in evaluation of environmental investment programs. Working internationally we provide leadership in evidence-based collaborative learning.



Catchment modelling

Our aim is to combine high level modelling at a variety of scales with knowledge of physical, hydrological, and ecological processes to generate meaningful answers for our clients.



Economics and social science

Our economics practice is redesigning the consulting landscape by delivering true integration of science and economic thinking into project delivery.



River engineering

We bring together our team of in-house experts in hydrology, hydraulic modelling, geomorphology and landscape design to work closely with our hydraulic engineers in developing river engineering works. Core to our success is that we work with nature rather than against it.



Urban water design

We assist our clients from the initial scope of works and concepts to engineering design, structural analysis and drafting for contract documentation, liaison with government authorities, project management and communicating with stakeholders such as subcontractors and suppliers.



River Morphology

Alluvium is a national leader in physical stream processes science and stream restoration consulting services. We specialise in combining our knowledge of landscape geomorphology with expertise in river engineering and science.