



INTEGRATED URBAN WATER PLANNING

Urban areas provide unique challenges and opportunities for environmental management. Our approach to urban water strategy is to work to understand the drivers in the local context and how that can be expressed into a pragmatic, cost effective approach.

Our urban strategy team apply the lessons of broader catchment strategy to the urban context. Our fundamental approach is to work in partnerships to bring together landscape architecture, community participation, urban ecology, economics and engineering to develop insightful and practical strategies that drive action on the ground action.

Why Alluvium

Knowledge of urban systems across Australia

We work as specialists in this field across the country which gives us a unique perspective on what works and what doesn't. Our Urban Water Planning team have worked in government, research, and for private industry and have extensive insights into a range of different perspectives and approaches.

Links to on-ground implementation

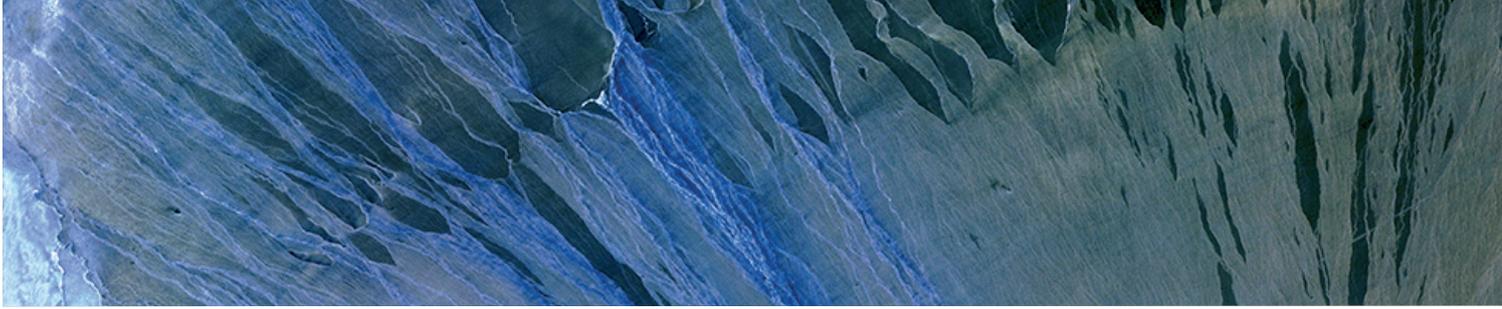
Alluvium prides itself on working from the strategic level to the on-ground implementation. Our engineers and scientists are specialists at the design, construction and costing of various urban water assets so we can feed real information into strategic approaches.

Specialists in urban waterway management

Our business was founded in 2006 with a focus on the science and engineering of waterways. We have grown since then but are still the leading specialist provider of services, and have written most of the Australian guidelines, on channel and waterway restoration which apply to rural and urban environments.

Links with Research

Our approach is to work with relevant groups across multiple universities and organisations such as the CRC for Water Sensitive Cities so that we are exposed to, and can share the best available research.



Ecosystem/stormwater relationships.

The development in knowledge of ecosystem/stormwater relationships has been a major driver for change in urban water management over the past decade. Alluvium has led a number of industry forefront projects to advance the interaction between urban development/urban water management and the health of receiving waterways.



Stakeholder and community engagement.

Strong facilitation and engagement skills including managing politically sensitive and socially challenging engagement needs.



Detailed activity planning, budgeting and on ground works.

We utilise our strength in understanding on-ground catchment interventions to produce detail plans and accurate budget forecasts.



Development of Targets and Priority Actions.

We understand the types of interventions at different scales allowing us to develop targets and actions from the site to the regional scale.



Social Values.

Amenity and recreational use are important values of urban waterways. We work with communities to develop conceptual models which help consider actions that will have the most influence on the social values of waterways. We are also experienced at developing tools to measure these values, how they change with time and how they can be used as targets.



Social and economic analysis.

We recognise that the biophysical sciences have got us a long way but the economics and social components of a strategy are crucial. Our economists and social scientists understand the context of environmental strategy and want to work in multidisciplinary teams rather than as isolated specialists.