



Caring for Australia's natural resources

Strategy, planning, analysis, engagement, review

In a country where flood succeeds drought; where landscape and biodiversity are threatened; where natural balance has been disturbed leading to proliferation of pests or weeds; and where climate change may threaten whole communities, the challenges faced by those responsible for our natural resources are pressing indeed.

Halcrow takes these concerns seriously. We have extensive skills and experience in natural resources, water and environmental strategy and planning, policy analysis and development, water resource management and modelling, stakeholder engagement, and monitoring, evaluation and reporting.

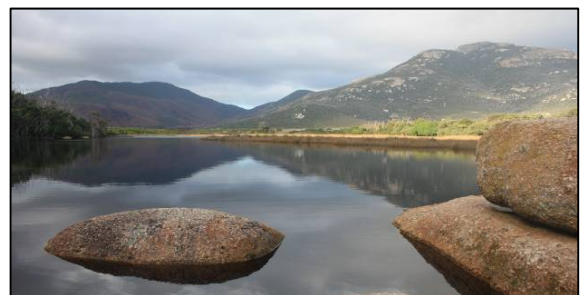
Our Australian team has successfully combined policy, economic, sustainability, environmental engineering, natural resources and engagement skills to establish an enviable reputation as an innovative and dedicated natural resources service provider. Through our strategic, negotiation and consensus building skills, we deliver ground-breaking natural resources thinking.

We take the time to fully understand your needs and any barriers to success, and then use that knowledge to provide well considered and persuasive concepts, models, frameworks and reports that meet your requirements.

Our guiding principle is always to look for more effective solutions to natural resources projects, communicating the right messages to you and your stakeholders. Analysis and early option identification followed by active engagement forms an important part of our process. This means we are well placed to consider and account for different stakeholder views.

The wider services that Halcrow offers, such as civil and environmental engineering, water modelling, economics and risk analysis, ensure we can deliver finely tuned natural resources services to meet your requirements in every situation.

Halcrow is a global multi-disciplinary consultancy with offices in 70 countries. We have been working with clients in Australia since 1993.



Natural resource management services

Strategy and planning

- Natural resources, water and environmental strategy and plan development and review. Our approach includes assessment and benchmarking of best practice approaches.

Policy development and economic analysis

- Natural resources policy analysis and economic assessment including cost benefit analysis and sustainability assessment.

Water management

- Integrated water resource planning supported by:
 - hydrologic and hydraulic modelling
 - flood risk management, modelling and mapping
 - stormwater modelling and quality studies
 - waterway and statutory planning.

Monitoring, evaluation, and reporting

- Natural resources monitoring and indicator development, program evaluation and audit, reporting and program logic application.

State of the Environment (SoE) reporting

- SoE reporting framework design and assurance.

Stakeholder engagement

- Stakeholder engagement and workshop facilitation.

Delivering value – applying our skills

■ Natural resources legislation and policy

Halcrow analyses and advises on natural resources legislation and policy. We have mapped the broad Victorian policy framework for the Department of Sustainability and Environment to assist the development of regional NRM planning guidelines. We provide strategic advice to a range of government departments and local councils on efficient and effective natural resources legislation and policy.

■ Environment and water reporting

Halcrow reviewed SoE and other reporting models to develop a framework and inform future SoE reporting in the Australian Capital Territory for the Office of the Commissioner for Sustainability and the Environment.

■ Irrigation strategy and planning

Halcrow developed a comprehensive irrigation strategy to guide Santos's East Queensland irrigation operations involving the beneficial use of treated CSG water. The strategy supports the sustainable management of surface water, groundwater and soil resources within an adaptive management framework.

■ Flood management planning

Halcrow has developed a series of flood management plans for Melbourne Water and Kingston, Whittlesea, Brimbank, Maroondah and Bayside City Councils. The plans have benefited Melbourne Water and local councils by supporting a collaborative approach to flood risk management, improving understanding of flood risks, roles and responsibilities, and identifying priority improvement actions.

■ Program review and audit

We reviewed implementation of the \$23 million Lower Murray Reclaimed Irrigation Areas Program for the former South Australian Department of Water, Land and Biodiversity Conservation to determine the success of the program and capture the lessons learned. The project featured significant analysis and stakeholder engagement involving landholders, the community and government agencies that contributed to the successful program review.



Contact us

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