

Seashore Engineering



ABOUT SEASHORE ENGINEERING



Seashore Engineering Pty Ltd delivers professional, high quality coastal and maritime engineering services.

Seashore Engineering provides the services of nine coastal specialists with unparalleled experience through Western Australia and further abroad. We have offices in Perth and the Southwest. Our capabilities include coastal engineering, construction management and maritime planning.

OUR STORY

Seashore Engineering Pty Ltd is a company established in February 2012, combining the staff and skills of Damara WA Pty Ltd with Shore Coastal Pty Ltd to deliver high quality coastal and marine engineering services.

Our knowledge base has been developed through completing numerous coastal management issues in Western Australia, at both State and local government level. Prior to the formation of Seashore Engineering, the two companies had established a strong working relationship, with extensive professional support to each other over the preceding five years, with approximately a quarter of projects being undertaken in a collaborative manner.

This extends from major projects such as Chevron's Wheatstone project, through to smaller projects allocated via the Department of Transport and the Shire of Busselton panel arrangements. The establishment of Seashore Engineering Pty Ltd has broadened the scope of services able to be provided by further enhancing the relationship between the two companies and allowing for more effective and efficient professional advice and review.



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WHO WE ARE



The directors of Seashore Engineering are Matthew Eliot (BSc, BEng) and Stuart Barr (BEng), coastal engineers with over 34 years combined experience with coastal engineering in Western Australia and the wider region.

THE TEAM

Seashore Engineering has two offices, a metropolitan office in Innaloo with 5 in-house staff and a regional office in Margaret River with 4 in-house staff. Our specialist staff include not only Senior Coastal Engineers and Coastal Engineers but Coastal Geomorphologists, Project Engineers and a Graduate Coastal Scientist.

The metropolitan office provides a key point of contact to support clients based in Perth or Fremantle whilst the regional office provide a key base for coastal engineering projects in the southwest (Busselton, Port Geographe, Augusta Boat Harbour, City of Bunbury).



THE SUPPORT TEAM

Seashore Engineering is uniquely supported by three of the most experienced coastal specialists in Australia Dr Bill Andrew, Doug Lord (Coastal Environment Pty Ltd) and Dr Ian Eliot. The relationship between Seashore Engineering directors and the three coastal specialists has been developed over the course of the directors' professional careers, with the specialists each providing mentoring and technical advice for over a decade. The directors' recognise that the experience and knowledge of these specialists is invaluable to coastal engineering and management for Western Australia.



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WHAT WE DO

We are a West Australian company that offers the services of Coastal Specialists with unparalleled experience. Seashore Engineering has offices in Perth and the South West.

Our Capabilities include: Coastal and Estuarine Engineering, Coastal Geomorphology, Construction Management and Maritime Planning.

COASTAL ENGINEERING

- Metocean data analysis
- Coastal geomorphology.
- Coastal engineering investigations and inspections of coastal structures.
- Design for coastal protection and maritime structures. • Coastal impacts of Climate Change and setbacks for new developments (SPP 2.6).



CONSTRUCTION MANAGEMENT

- Management of small to medium coastal and maritime projects.
- Approvals, design, procurement, construction management and supervision.
- Specialising in management of coastal and maritime works for local and state government, including CAPs grants, RBFS projects and harbour breakwaters.
- Management of maintenance dredging and sand bypass.



PLANNING - MARITIME

- Planning of boat harbours and maritime facilities.
- Specialising in the West Australian coastline along the WA coastline.

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PROJECTS

The following projects are a selection undertaken by Seashore Engineering and key personnel over recent years, more detailed information can be found at our website.



COASTAL ENGINEERING

- Bunbury Outer Harbour siltation assessment (Southern Ports Authority)
- Wheatstone Construction monitoring surveys (URS/Chevron)
- Thevenard Island Decommissioning coastal management advice (Astron/Chevron)
- Bunbury Coastal Protection: Koombana Bay – Coastal erosion report and design (City of Bunbury)
- Port Geographe Realignment – Independent technical advice (Department of Transport)
- Defining Coastal Sediment Cells for WA coast.
- Augusta Boat Harbour Breakwaters – Construction Supervision (Department of Transport)
- Mandurah seawall – Climate change assessment report (WML / City of Mandurah)
- Busselton Coastal Protection Works (groynes, seawalls)
- Department of Transport - Coastal Erosion Hotspots Report
- Karratha - Dampier Sand Renourishment
- Broome Town Beach Jetty



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