



bluecoast

CONSULTING ENGINEERS

A fresh approach to
engineering in coastal
environments

Capability Statement

Who we are

Bluecoast specialise in coastal engineering, including coastal monitoring and management, numerical modelling, engineering design and climate change resilience. We are a team of industry-leading experts with a wealth of expertise who have a passion for solving complex coastal problems from idea to implementation.

Empowered by the latest technology and research we are proud to be working with nature to provide quality, sustainable solutions customised for each client's specific needs across Australia, the Pacific, and beyond.

Our Ethos

Motivated by the Ocean

Empowered by innovative technology we work with nature to provide responsible, adaptable solutions to coastal challenges.

Guided by Expertise

With a wide breadth of technical and project management expertise, we can take your project from idea to implementation.

Excited by Challenge

We get hands-on with complex problems, working at the intersection of science and engineering to bring you the most cost-effective results.

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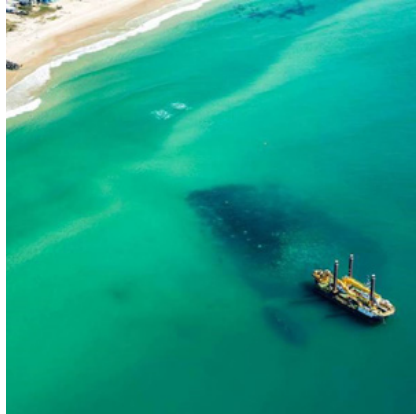
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What we do



Coastal Management & Monitoring

We use metocean and coastal data and numerical models to describe coastal processes, quantify current and future risk and advise on coastal management strategies.

Our engineers are hands-on in delivering monitoring programs and we are not shy of developing our own tools, customised to your project.

Including

- Coastal Hazards and Management
- Metocean and Coastal Monitoring
- Amenity Studies
- Data Tools and Visualisation

Coastal Engineering Design & Investigations

When our much-loved coastal environments require intervention, design solutions must strike the right balance.

We draw on extensive experience in coastal engineering and understanding of coastal structures and management to assist our clients in deciding on cost-effective solutions that ensure performance requirements can be achieved from feasibility through to implementation.

Including

- Coastal Structures
- Beach Nourishment
- Artificial Reefs
- Ports and Harbours

Climate Change Adaptation

Applying knowledge in coastal sciences and engineering our team can deliver climate change risk and vulnerability assessments, plans for sustainable and adaptive management of coastal assets and communities and the design of climate change adaptation projects.

With the writing on the wall Bluecoast want to make the best use of our unique skills to increase the resilience of our coasts and the blue economy.

Including

- Climate Studies
- Infrastructure Risk
- Community Resilience
- Adaptive Management