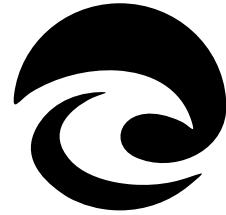


EVO COAST

simple solutions for complex coastal problems



We did not wake
up today to be
mediocre

Our Story

EvoCoast Pty Ltd was established in 2016 by Charlie Bicknell to provide specialist coastal consulting services throughout Western Australia.

The company builds on the extensive coastal experience gained by our team working with coastal managers across Australia over the past decade. We have the practical, hands-on experience to understand and manage your complex coastal problems.

Why We Do What We Do

We love the coast. We live on it, we play in it and we work with it. The ocean is in our soul, it is where we find our peace, it is our sanctuary. Born from this passion is an unwavering desire to build a sustainable future for our coasts. So that future generations can enjoy the coast as much as we do.

We have a passion for knowledge, to continue to grow our understanding of the coasts and oceans. A drive to challenge traditional thinking, to find new and improved solutions and to present them in ways that are simple, usable and make sense.



Charlie Bicknell
Managing Director

Where Are We Going?

Our vision is to be at the forefront of coastal sustainability, working with the natural environment and not against it. We do this through our core values of:

01

Honesty – to ensure integrity in our advice and transparency in our work

02

Respect for the environment – to respect our planet and create a sustainable future

03

Simplicity – to provide clear and simple advice that is easily understood and implemented

04

Innovation – to challenge traditional thinking and continually strive to find better solutions

What Sets us Apart?

01. Outstanding customer service

- understanding your requirements
- having a positive attitude and a willingness to assist
- providing an efficient and prompt service
- seeking & being responsive to your feedback
- delivering what we say, when we say

02. Quality products

- delivering simple, usable advice that makes sense
- providing clear answers to your questions
- knocking down barriers to success
- always pushing to develop improved solutions

03. Open minded

- creating an environment which encourages improvement and growth
- being open and responsive to new ideas
- listening to suggestions without prejudice
- having the courage to change our position as our understanding improves

04. Sustainable coastal management

- being an advocate for positive change, inspiring our clients, suppliers and communities
- keeping a focus on the longer-term impacts
- leading by example in our business and everyday actions to minimise our own environmental impact
- actively seeking innovative methods and products which improve sustainability

05. Sharing our knowledge

- enhancing the broader understanding of the coast
- sharing our knowledge to up-skill our clients and suppliers
- providing honest, open advice, explaining our assumptions
- driving public awareness on key issues

Specialist Areas

- **Recreational boating facilities** – we understand boating facilities because we use them. We are experienced in all aspects of marina and boat harbour design and maintenance. Our services include demand studies, boat ramps, channel design, dredging, floating pontoons, jetties, breakwaters, wave screens, condition inspections and maintenance strategies.
- **Dredging management** – we are leading experts in both capital and maintenance dredging. Our personnel have hands on experience working on all scales of dredging projects, sand bypassing and reclamations. Our services include survey analysis, siltation rates, channel design, approvals, equipment selection, offshore and land disposal options, sand trap management and sand bypassing.
- **Breakwaters** – we are experienced in the design and evaluation of cost effective protection structures. We have hands on experience designing with a variety of materials including rock and concrete armour units. Our services include breakwater design, wave overtopping analysis, condition inspections, asset management plans, modifications or upgrades.
- **Coastal modelling & sediment dynamics** – we know how to run numerical models and have the practical knowledge to validate and interpret predictions against local conditions. Our services include inundation and erosion estimates, extreme event analysis, sediment and benthic habitat mapping, geomorphological mapping, sediment transport analysis and sediment cells.
- **Coastal GIS & coastal mapping** – we efficiently store, analyse and share coastal monitoring data using Geographical Information System (GIS) databases and can assist you in managing a range of GIS data. We provide high quality contemporary products in all fields of coastal zone mapping based on the integration of aerial photography, remote sensing, satellite, geophysical and ground truth data.
- **Coastal hazard & risk management** – we have an intimate knowledge of climate change predictions and policy requirements. Our services include erosion & inundation mapping, shoreline evolution, climate change adaptation studies, vulnerability assessments, asset adaptive capacity reviews, coastal hazard risk management and adaptation plans (CHRMAs).

- **Coastal zone monitoring** – we work with you to develop tailored coastal monitoring action plans (CMAPs) with clear objectives. From simple photo monitoring programs to seabed mounted instruments. We are experienced in the collection, analysis and integration of a broad range of data sources including wind, waves, tides, currents, sediments, hydrographic, beach and drone surveys.
- **Coastal protection** – we are experienced in the design and evaluation of cost effective protection measures. We have hands on experience with a variety of structures including conventional seawalls, groynes and more innovative off-shore breakwaters and reefs. We understand the use of rock and were pioneers in the use of geotextile sand bags in Western Australia. We can also assist in the development of effective sand nourishment programs.

- **Asset management** – we are experienced in the condition assessment of marine and coastal structures. We are able to guide you through the prioritisation of repairs, development of maintenance strategies and optimisation of ongoing monitoring. Our services include condition inspections/ratings, fair value cost estimates, GIS database management, strategic asset management (SAM) plans and whole of life cycle costing and optimisation.
- **Project management** – we are here to help you through every stage of your project, we are experienced in overcoming the unique challenges which come with coastal projects. Our services include scope development, funding applications, contract management, risk mitigations, specifications, site supervision, decision alignment, community consultation and stakeholder relationship management.

Clear & Simple Advice

One of our key focuses as a company is to write simple, clear reports which can be easily interpreted by non-technical readers. We don't measure our reports by their length, but the quality of information contained within them.

Environmental & Social Responsibility

At the heart of EvoCoast is a passion for the coast and a drive to see positive social and environmental change. EvoCoast pledges to donate at least one percent of annual sales to environmental non-profit groups, through donations and grants. We aim to give at the grassroots level to innovative groups who may be overlooked or rejected by other corporate donors.

We are a proud member of 1% for the Planet, a global network of businesses, nonprofits and individuals working together for a healthy planet (www.onepercentfortheplanet.org).

Although we are small we are also seeking to actively change the value chain, through small everyday actions, such as minimising or avoiding printing, or choosing stationary made from recycled plastic. Our corporate policy is to avoid consumption where possible and only select products and suppliers which maximise the use of recycled and recyclable products.

“Social justice is good for business and the more we can run businesses with a purpose, the world is a better world and I think it ricochets back onto business.”

– Richard Branson



Find Out More

Charlie Bicknell

Managing Director & Coastal Specialist

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