



Marine and Coastal CAPABILITY STATEMENT

UWA's Centre for Environmental Economics and Policy addresses complex, multi-faceted environmental problems through quality multidisciplinary research, engagement and training.

As part of our Marine and Coastal expertise, we undertake applied, policy-relevant research on coastal adaptation, marine and coastal assets, habitat enhancement, conservation, and development.

We do so by:

- Providing advice on economic policy & planning
- Developing decision-making tools and frameworks
- Assessing trade-offs between competing uses



SKILLSET

Our Marine and Coastal research is guided by methods from environmental economics, human geography, and other social sciences, including:

- Non-market valuation (choice modelling, travel cost, hedonic price)
- Benefit-cost analysis
- Qualitative data collection (surveys, interviews)
- Risk and uncertainty analysis
- Policy reviews and analysis
- Integration of social values in environmental economic accounting

PARTNERSHIPS

Our work is strengthened through research partnerships with large institutions such as the UWA Oceans Institute (OI), the Western Australian Marine Science Institution (WAMSI), the Australian Institute of Marine Science (AIMS), Surfing Western Australia, and First Nation groups and Traditional Owners.

Our research is supported through competitive funding from multiple sources, including the Australian Research Council, National Environmental Science Program, Australian Marine Parks and state and federal government departments, including:

- WA Department of Planning, Lands and Heritage
- WA Department of Energy, Economic Diversification
- WA Department of Transport
- WA Department of Water and Environmental Regulation
- Australian Government Department of Climate Change, Energy, the Environment and Water

PROJECTS

Some of our most recent projects include:

- ❖ [Resilient Ways](#)
- ❖ [Valuing Australia's Surfing Resources](#)
- ❖ [A new vision for coastal resilience](#)
- ❖ [WAMSI–Westport Marine Science Program](#)
- ❖ Waatu Wardan Kaartdijin: communicating Sea Country health and actions





OUR RESEARCHERS

Our centre consists of highly qualified academic staff, senior research fellows and postgraduate research students. Our **Marine and Coastal team** is led by:

A/PROFESSOR ABBIE ROGERS

Dr Rogers' specialisation is in promoting systematic integration of social and environmental values in evidence-based decision making for coastal and marine managers. Her research work is highly applied with significant experience in delivering stakeholder activities.

DR ANA MANERO

Dr Manero's research focuses on developing evidence-based approaches for the sustainable management of natural resources that balance environmental protection with human wellbeing and societal values. Her work spans water resources, agriculture, and marine and coastal ecosystems.

SELECTION OF RECENT OUTPUTS

Reports

- ❖ [Community values for environmental assets in Cockburn Sound](#). Prepared for the WAMSI Westport Marine Science Program.
- ❖ [Economic perspectives on kelp management](#). Prepared for UNEP for inclusion in 'Into the Blue: Securing a Sustainable Future for Kelp Forests'.

Guidelines:

- ❖ [Coastal Hazard Risk Management and Adaptation Planning Guidelines](#), including non-market valuation guidelines.

Tools:

- ❖ 'INFFEWS' investment framework: [BCA Tool](#), [Value Tool](#) & [training videos](#).
- ❖ 'EAST' an Economic Analysis Screening Tool, [Value Tool](#) & [training videos](#)

Videos:

- ❖ [Key economic concepts marine scientists should know](#)
- ❖ [Using Economics to evaluate the management of our marine environment](#)

Academic publications:

- ❖ <https://research-repository.uwa.edu.au/>



HOW WE CAN HELP

Our team of experts can help you through:

- Consulting and advisory services
- Applied research partnerships
- Stakeholder engagement and facilitation
- Training and professional development

CONTACT US

For enquiries, collaborations or new partnerships, contact:

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