

The background of the slide is a photograph of an industrial pier or offshore platform extending into the ocean. The sky is a mix of orange, yellow, and light blue, suggesting a sunset or sunrise. The pier has several white support columns and yellow railings. In the distance, there are buildings and other structures on the pier.

Advanced Oceanographic Services

Comprehensive solutions, enduring value

Combining extensive local experience and strong collaborative partnerships to deliver holistic oceanographic monitoring in Australia's Top End.

Advanced Oceanographic Services

We use local, experienced operators who have a deep understanding of the environment, equipment and processes that work in the Top End. We deliver tailored, innovative and cost-effective solutions, spanning:

- Monitoring water quality and currents in local estuaries, coastal and offshore waters to support
 - *environmental impact assessments*
 - *hydrodynamic and water quality model calibration*
 - *compliance monitoring*
 - *baseline conditions*
- Advanced oceanographic monitoring using robotics and autonomous systems
- Strategic planning to deliver purpose-built and locally appropriate oceanographic monitoring networks
- Physical and ecological oceanographic research
- Collaborative partnerships with national and international partners



Government



Industry



Defence



Research

We provide the only local, independent oceanographic monitoring service in Australia's Northern Territory.

Local Capability Building

We are committed to building capability and ensuring long-term success in the Top End, with ongoing investment in experienced local Northern Territory residents who deeply understand the unique Top End from a business, cultural, economic, strategic, social and environmental perspective.

We prioritise partnerships with local organisations and stakeholders to provide enduring solutions for our clients, including, Indigenous groups and local researchers. Elysium EPL has a long-term strategy for building capability in the Top End, which will hinge on a robust Darwin-Canberra linkage.

Our Oceanographer: Dr Ruth Patterson



Ruth is a local leader in physical and ecological oceanographic research with over 16 years of experience in the Northern Territory, spanning government, industry, research and Defence. Ruth is a subject matter expert in the design and operation of appropriate technology for marine environmental monitoring, particularly in remote locations. She has applied those skills to environmental impact assessments, Indigenous knowledge transfer on sea country, and data collection for hydrodynamic and biophysical modelling in the Northern Territory marine domain.

Connect with us

We are an Australian professional services firm working with government and industry organisations to improve their business performance through design and implementation of major transformation projects and the provision of trusted advice.

We are genuinely committed to our clients' success. We empower our clients to build their capability, so they realise enduring value and succeed long after we are gone.

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