

Dr Julia Phillips | Principal Marine Environmental Scientist



Qualifications

PhD (Marine Botany),
University of Otago (New
Zealand), 2001
BSc (Env. Sci) (1st Class
Hons), Edith Cowan University,
1997
ADAS Part 1 Diver, 1997

Specialisation

Marine environmental science
Environmental legislation and
regulatory approvals
Environmental impact
assessment
Risk assessment
Environmental compliance
reporting
Benthic ecology, monitoring
and mapping
Marine plant ecology,
physiology and taxonomy
Water and sediment quality
assessment
Technical review and advice
Field survey design and
implementation

Memberships & Associations

Environmental Consultants
Association (WA)
Australian Marine Sciences
Association (AMSA)
Australasian Society for
Phycology and Aquatic Botany
(ASPAB)

Years in Industry

20+

Julia has over 20 years' experience in Australia and overseas as a consultant marine scientist, research scientist, technical advisor and scientific editor/writer. She has strong skills across a range of marine science disciplines and has applied these skills to marine environmental issues such as pre-, during and post-construction monitoring, dredge impact and recovery assessment, water quality management, benthic primary producer assessment and impact management, habitat mapping, and preparation of environmental approvals documents to WA and NOPSEMA regulatory requirements. In particular, Julia has considerable experience in the preparation of Environment Plans (EPs) for offshore oil and gas projects and seismic surveys, as well as for various other nearshore marine activities.

Julia has worked extensively across a range of marine projects relating to oil and gas, infrastructure, dredging, port expansion, habitat mapping and ocean outfalls, for clients including Chevron Australia, Apache Energy (now Quadrant Energy), ConocoPhillips, Vermilion Oil & Gas Australia, BHP Billiton, API Management, PTT Asia Pacific Mining, Port Hedland Port Authority, Fremantle Ports, and Water Corporation.

Relevant Experience

- **Offshore Oil & Gas EPs** – contributed to the preparation of numerous EPs for Apache Energy's offshore drilling and pipeline laying activities. Role included preparation of environmental background information, risk assessment and design of proposed monitoring and contingency plans in the event of an oil spill.
- **Seismic Survey EPs** – preparation of numerous EPs for seismic surveys on the North West Shelf. Clients included ConocoPhillips and Woodside.
- **Compliance Reporting** – preparation of environmental compliance reports for numerous projects including offshore oil and platforms, ocean outfalls and desalination plants.
- **Technical Reporting & Review** – lead author on technical reports for various projects and clients, including a series of monitoring reports for Chevron's Gorgon Gas Project. Technical review and advisory role for various Gorgon subprojects including FeedGas Pipeline Project, DomGas Shoreline Crossing Project and Horizontal Directional Drilling (HDD) Projects. Review of APPEA's (yet to be released) Blue Book on underwater noise impacts on marine fauna.
- **QA/QC** – review and QA/QC of data, data management and internal procedures to ensure compliance with EMS, HSEQ (e.g. ISO 14001) and regulatory requirements.