

RESEARCH

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## CATCHMENT TO REEF JOINT RESEARCH PROGRAM

### Task 2: Monitoring tools for water quality assessment against benchmarks

*Project Leader: Dr Barry Butler (JCU)*

This project will:

- (1) Formally identify the unique and key hydrobiological processes and diversity of tropical aquatic systems.
- (2) Develop conceptual models of the interaction between biophysical processes to determine water quality and ecological outcomes in the wet tropics.
- (3) Apply models in the development of risk-based water quality monitoring program designs that are tailored to suit the different kinds of aquatic ecosystems and key ecological issues in the wet tropics.
- (4) Redress existing deficiencies in the water quality monitoring, evaluation and management practices employed in the Wet Tropics.



Feedback

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