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CATCHMENT TO REEF JOINT RESEARCH PROGRAM

Task 5: Advanced technologies for monitoring water quality in the Great Barrier Reef

Project Leader: Dr Miles Furnas (AIMS)

The proposed task extends research carried out in CRC Reef Project C2 (Terrestrial Runoff: Inputs and Impacts), and at AIMS, GBRMPA and universities through the development and validation of more sensitive and cost-effective monitoring tools to assess nearshore marine water quality and ecosystem status related to water quality.

The monitoring tool development will parallel research to develop tools for status assessment of nearshore marine ecosystems in the GBR (corals, seagrasses - Task 6), and for coastal watersheds and associated agricultural systems to reduce runoff of sediment and nutrients (Tasks 1-4). Results and information developed as part of this task will be directed to communication and education activities in Task 7 in a timely fashion to facilitate their uptake by the public and specialist user groups.


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