



David Neil

Scientists from The University of Queensland, Australia - as part of the MacArthur Foundation project - will measure impact of land use on the health of Marovo lagoon.



James Udy



Simon Albert

Pollution from runoff and overfishing can make the coral reef less healthy. This often results in more algae and less fish on the reef and in the lagoon.



Guy Marion

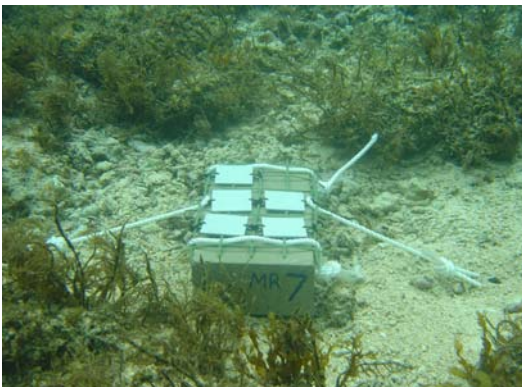
## Where we will work

Measurements will be taken near Chea village and Tengomo Island. In each of these areas, three sites will be studied:

1. Near Vangunu
2. Middle of Lagoon
3. Outer reef



## What we will do



### Measure algae growth

Plastic tiles attached to building blocks, will be placed on the reef at each site. The algae which grows on this tiles will be used as an indicator of water quality and fish populations at each site.

### Measure water quality

Samples of water will be collected at 100 sites in the Lagoon. The sediment and nutrient pollution will then be measured.



### Collect coral cores

Small cores will be drilled in a few large corals at each site. This will show the change in water quality in Marovo Lagoon over the last 20 years.

For more information about the Research Trip 2 / January-February 2005 contact: [s.albert@uq.edu.au](mailto:s.albert@uq.edu.au)

For more information about the whole research project: [www.marine.uq.edu.au/marbot](http://www.marine.uq.edu.au/marbot)  
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