

ECOHAB CRUISE PHOTO GALLERY

SAMPLE ANALYSIS

Many samples are processed and analyzed in the ship's laboratory.



Analysis of inorganic nutrient concentrations in seawater



Water filtration for use in experiments



Nutrient additions to experimental bottles



Sample filtration for analysis of chlorophyll *a* in seawater





Seawater collected from a *Trichodesmium* bloom. The algae are buoyant and resting at the surface.



Gas chromatograph for measurement of nitrogen (N_2) fixation rates



Water sample processing



Experiment measuring nitrogen uptake by a *Karenia* bloom



Sample filtration



Onboard nutrient analysis



Computer lab aboard the RV Pelican

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