



Seagrass Assessment

Seagrass meadows are the principal nursery and adult habitat for fish, invertebrates, turtles and dugong. They are a critical bio-indicator of the larger marine ecosystem's health.

Seagrass meadows globally are under threat from urbanisation, dredging, water pollution and climate change.

Monitoring of seagrass is undertaken to assess the health and composition of seagrass communities, and trends over space and time.



Use the ORB-X1 serial port to interface to a submersible fluorometer to measure chlorophyll levels.

The built in GPS provides location information for each installation.

Use K, J, T, N, S, E, B and R-Type thermocouples connected directly to the ORB-X1 to measure water temperature.

Monitor long terms trends and receive warnings of critical environmental conditions.