St. Thomas and St. John Marine Monitoring Gap Analysis

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Permanent Coral Sites

Acropora
Scleractinians
Temperature Probes
Acoustic Wave Profiler
Acoustic Current Profiler

Seagrass Sites
Conch Surveys

St. John VI National Park
Coral Reef National Monument
Grammanik Bank
Marine Conservation District

Green line delineates watersheds

Monitoring Effort by Management Unit (MU)

Water Quality Sites
Field Measurements:
- Turbidity
- Dissolved Oxygen
- pH
- Temperature
- Salinity
- Secchi Disc
- Bacteria
- Total Suspended Solids
- Total Phosphorous

MPA (n=5)
APC (n=9)
Watershed (n=26)

Physical Properties

Sediment

Seagrass and Conch

Random Stratified Sites
 Permanent Sites (fish only)

Turbidity
Dissolved Oxygen
pH
Temperature
Salinity
Secchi Disc
Bacteria
Total Suspended Solids
Total Phosphorous

Blue represents historical monitoring sites
Yellow represents current monitoring sites
Green line delineates watersheds