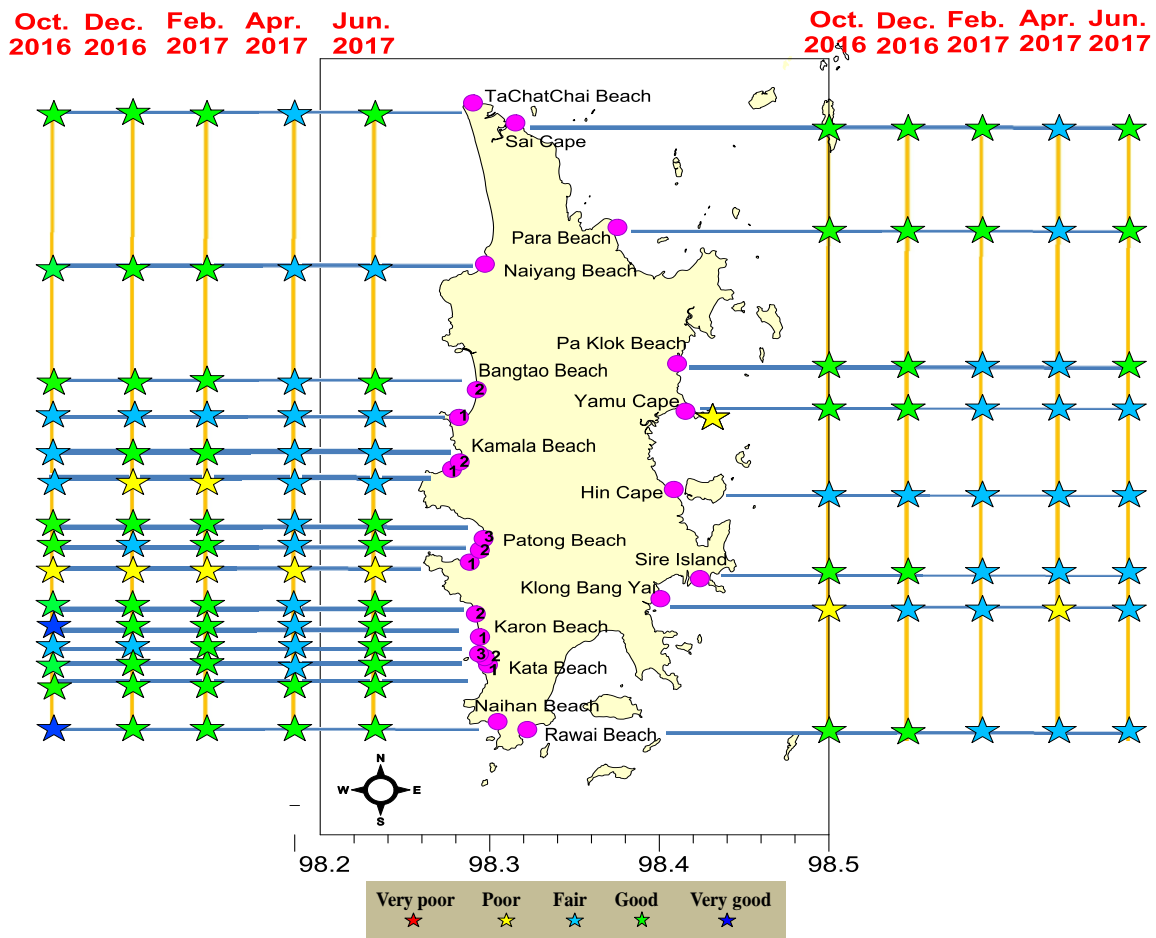


# Marine water quality along the coastline of Phuket in 2017

Phuket Marine Biological Center

Marine and Coastal Resources Research & Development Institute

Phuket Marine Biological Center has implemented a coastal environment monitoring program for 23 stations along the coastline of Phuket. Some principal parameters collected for every 2 months include salinity, temperature, pH, dissolve oxygen, suspended sediment, nutrients and total coliform bacteria. These parameters were analyzed and interpreted in terms of marine water quality indices.



Marine water quality during October 2016 –July 2017 was generally found in good and fair conditions respectively, except in some stations and during certain period of time that the quality was in poor conditions (except in Patong Beach have fair condition all study time). Typical parameters downgraded water qualities in the area were the increasing in nutrients concentration and total coliform bacteria, much higher started in wet season.