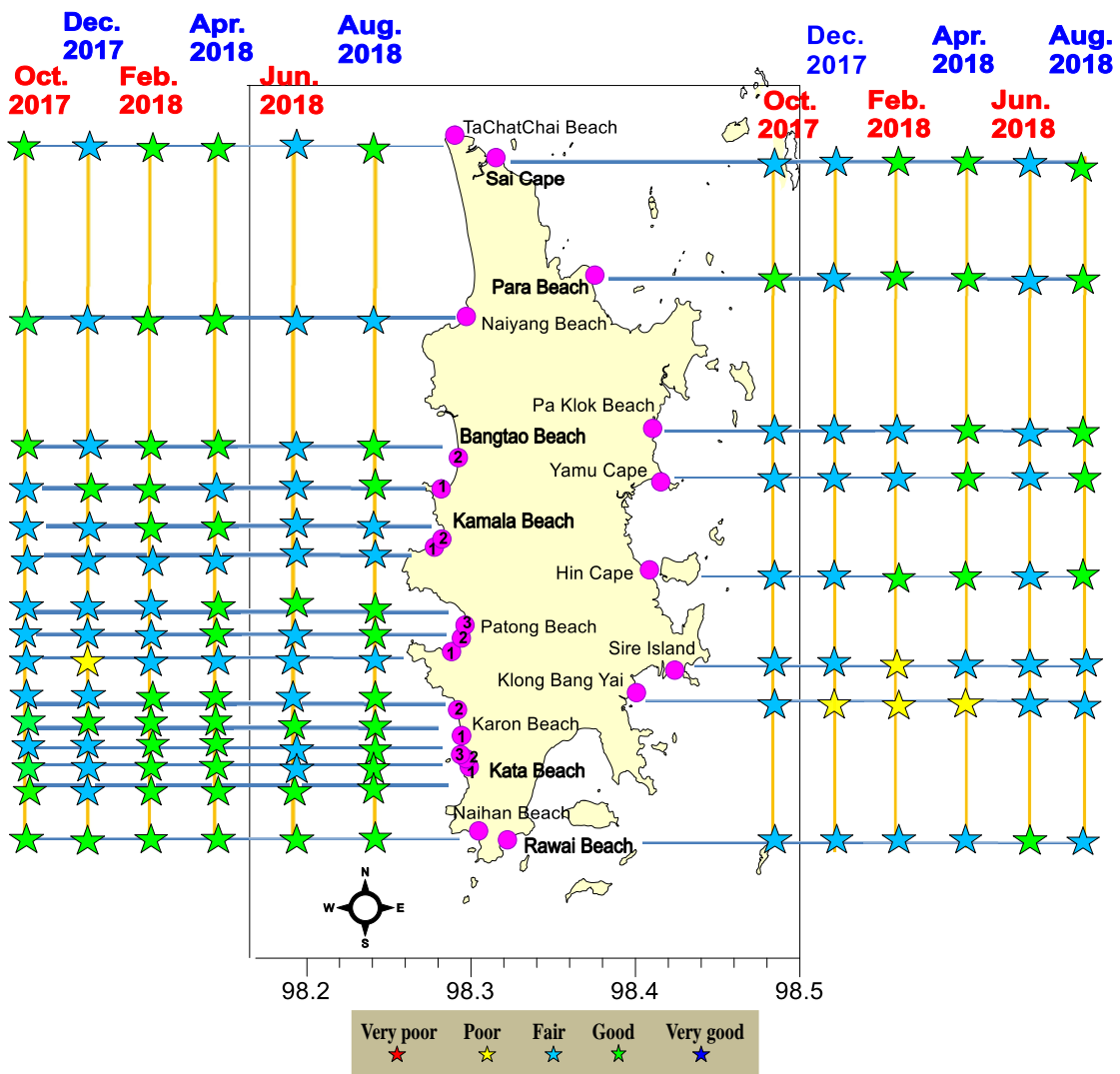


# Marine water quality along the coastline of Phuket in 2018

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 every 2 months include salinity, temperature, pH, dissolved oxygen, suspended sediment, nutrients, and total coliform bacteria. These parameters were analyzed and interpreted in term of marine water quality indices.



Marine water quality during October 2017 – Aug 2018 was generally found in fair condition. Typical parameters responsible for downgraded water quality were increasing in nutrient concentrations, especially Phosphate, and total coliform bacteria.