

THE PHYSICOCHEMICAL AND NUTRIENT CONDITIONS IN THE SEA AROUND SURIN ISLANDS, WESTERN PENINSULAR THAILAND

By PRAWIN LIMPSAICHOL¹

Phuket Marine Biological Center

ABSTRACT

Physicochemical parameters of offshore and inshore waters were measured at Surin Islands, off the west coast of peninsular Thailand, during April 1976. Results showed that salinity, dissolved oxygen and temperature were relatively stable within the surface waters but were variable at lower depths, whereas the pH was relatively stable at all depths. Turbidity was very low.

Nutrient conditions were measured in the offshore and inshore waters, and also in a freshwater stream on an island. Results of these findings are discussed.