



CORAL ECOLOGY GROUP

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MISSION STATEMENT

Make an important contribution to the understanding of the coral and reef ecosystem in the South China Sea and become one of the main reference centres for coral knowledge

OBJECTIVES

- Development of a database system for coral reefs
- Strengthens engagement among coral researchers
- Promote sustainable conservation of coral reefs

COOPERATIVE STUDIES

Coral Conservation

- Scientific base restoration program
- Citizen scientists
- Edu-awareness
- Ocean literacy

Coral Reef Monitoring & Assessment

- Coral reef community structure
- Multiple stressors to reef ecosystem
- Reef mapping
- Conservation

Coral Biology & Health

- Reproductive biology
- Coral recruitment & growth
- Stress response in coral
- Coral disease

Socio-economy & Policy

- Measuring size and structure of human population using reef resources
- Understanding government rules and regulations
- Determining the decision-making process in local communities

Physico-chemical

- Hydrodynamic nutrient modelling
- Biogeochemical nutrient cycle



RECENT ACTIVITIES

CORAL REEF CONSERVATION AND RESTORATION (2020-2023) ACHIEVEMENTS

1 st Year July 2020 – June 2021	2 nd Year July 2021 – June 2022	3 rd Year July 2022 – June 2023
<ul style="list-style-type: none"> M1 – Signed Agreement ✓ M2 – Progress Report 1: Interim Report on Field Survey ✓ 	<ul style="list-style-type: none"> M3 – Annual Report: Baseline Data on Research Site ✓ M4 – Completion of Establishment Coral Restoration Site ✓ M5 – Progress Report 2: Coral Restoration Monitoring Data ✓ M6 – Annual Report: Status of Coral Restoration Site ✓ 	<ul style="list-style-type: none"> M7 – Completion of Coral Restoration Model: Guidebook Draft ✓ M8 – Completion of Training Session ✓ M9 – Final Report ✓

HABITAT AND MARINE RESOURCES MAPPING OF PULAU KAPAS MARINE PARK

Includes various maps showing the spatial distribution of different marine resources and habitats within the park.