

**TERMS OF REFERENCE**  
**Marine specialist to conduct a training course of coral reef status assessment**  
**in Nui Chua National Park, Ninh Thuan Province**

**Duration:** 5 days from 6<sup>th</sup> February to 10<sup>th</sup> February 2023 (including both theoretical training and SCUBA diving field survey)  
**Location:** **Nui Chua National Park, Ninh Thuan**  
**Reporting to:** Marine Coordination Officer / Country Director

## **I. BACKGROUND**

### **1. Fauna and Flora International (FFI) and Vietnam Programme**

FFI's mission is to conserve threatened species and ecosystems worldwide, choosing solutions that are sustainable, based on sound science, and which take into account human needs. FFI's strategy to achieve this mission is to work with in-country organizations at all levels to support them in identifying and implementing country led sustainable solutions.

FFI's work in Nui Chua National Park focuses on improving the marine resource management by capacity building for local partners, species conservation and sustainable community development.

### **2. Nui Chua National Park**

**Nui Chua National Park (NCNP)** contains notable marine biodiversity, particularly as one of the last marine turtle nesting beaches on the Vietnamese mainland, as well as coral reef, seagrass and mangrove ecosystems.

The Ninh Hai sea, 80% of which falls within NCNP, supports rich and structurally diverse coral reefs. Survey results in 2021 estimated the total area of coral reefs distributed in the Ninh Hai sea at 2,300 hectares. Previous surveys also identified a total of 310 species of reef corals in Ninh Hai. However, detailed survey data in 2014 by Nha Trang Institute of Oceanography showed that these reefs were degraded and in need of conservation intervention (Vo Sy Tuan et al., 2014). There is an urgent need to conduct further surveys of these reefs and generate new data which can inform management.

## **II. OBJECTIVES**

The training is part of FFI's ongoing work in building capacity of NCNP's marine technical staff.

The objective of this training is to provide NCNP and FFI staff the essential knowledge and skills of coral reef surveys and assessment (i.e. Reef Check method). It is expected that after the training, the participants will be able to participate in coral reef assessment surveys led by marine science experts, with participants subsequently able to conduct surveys independently.

## **III. DELIVERABLES**

It is expected that the consultant to deliver the following outputs after the survey:

- 2-day training on theory of coral reef assessment, including fish, invertebrate and substrate survey)
- 2-day field practice at the reefs of NCNP
- 1-day training on data analysis and report writing
- Training materials

- Technical report after training is completed
- All relevant photos, pictures and GPS waypoints.

## VI. IMPLEMENTATION PLAN

Task Assigned	Required Output	No. days
Develop a detail workplan, time schedule, and training materials	Detail workplan, schedule and training materials developed and submitted to FFI for discussion and approval.	02 (01 person * 02 days)
Theoretical training on Reef Check and marine wildlife identification	A 2-day training is conducted	02 (01 person * 02 day)
Field practice training in the reefs of NCNP	A 2-day field survey is conducted	02 (01 person * 02 days)
Training on data analysis and report writing	A 1-day training is conducted	01 (01 person * 01 days)
<b>Total</b>		<b>07</b>

**Note:** Total of 07 person-days is temporary estimated for this package. The exact number of person-days will be considered and agreed based on the technical work-plan indicated above. All costs for field trips will be covered by FFI.

## VII. QUALIFICATIONS AND EXPERIENCE

- Master degree specifically in marine biology, or equivalent.
- At least 10 years of working experience in marine conservation, including use of the Reef Check method;
- Good understanding of Nui Chua National Park's marine ecosystem is an advantage;
- Strong ability in writing technical reports in English;
- Good at spoken and written English;

## VIII. ADMINISTRATIVE SUPPORT

FFI will provide consultants with the following support:

- Access to FFI's library to collect reports, papers relating to study sites;
- Administrative procedures to work in the field and work with FFI's local partners;
- All related costs for field trip following FFI's cost norms.
- Logistical support for field survey (boat, SCUBA equipment)

## IX. REMUNERATION CONDITIONS

- Remuneration will correspond with the qualifications and work experiences required for the post as referred to in Part VII of this TOR and FFI's cost norms.
- Payment of other related expenses including travel, field work and per diem of the consultants and local guide(s) will follow FFI's financial regulations and cost norms.

Interested candidates are invited to send a CV, a letter of interest, and quotation in English to Ms. Le Hong Viet via email [viet.hong.le@fauna-flora.org](mailto:viet.hong.le@fauna-flora.org) no later than **17<sup>th</sup> January 2023**. Only shortlisted candidates will be contacted for interviewing.

**Please note:** In the letter of interest, please provide a statement addressing the commitment to this work, provide a technical proposal including qualifications of the expert and availability for the assignment, past performance and quotation of daily rates.

For more information about FFI, please visit <http://www.fauna-flora.org>