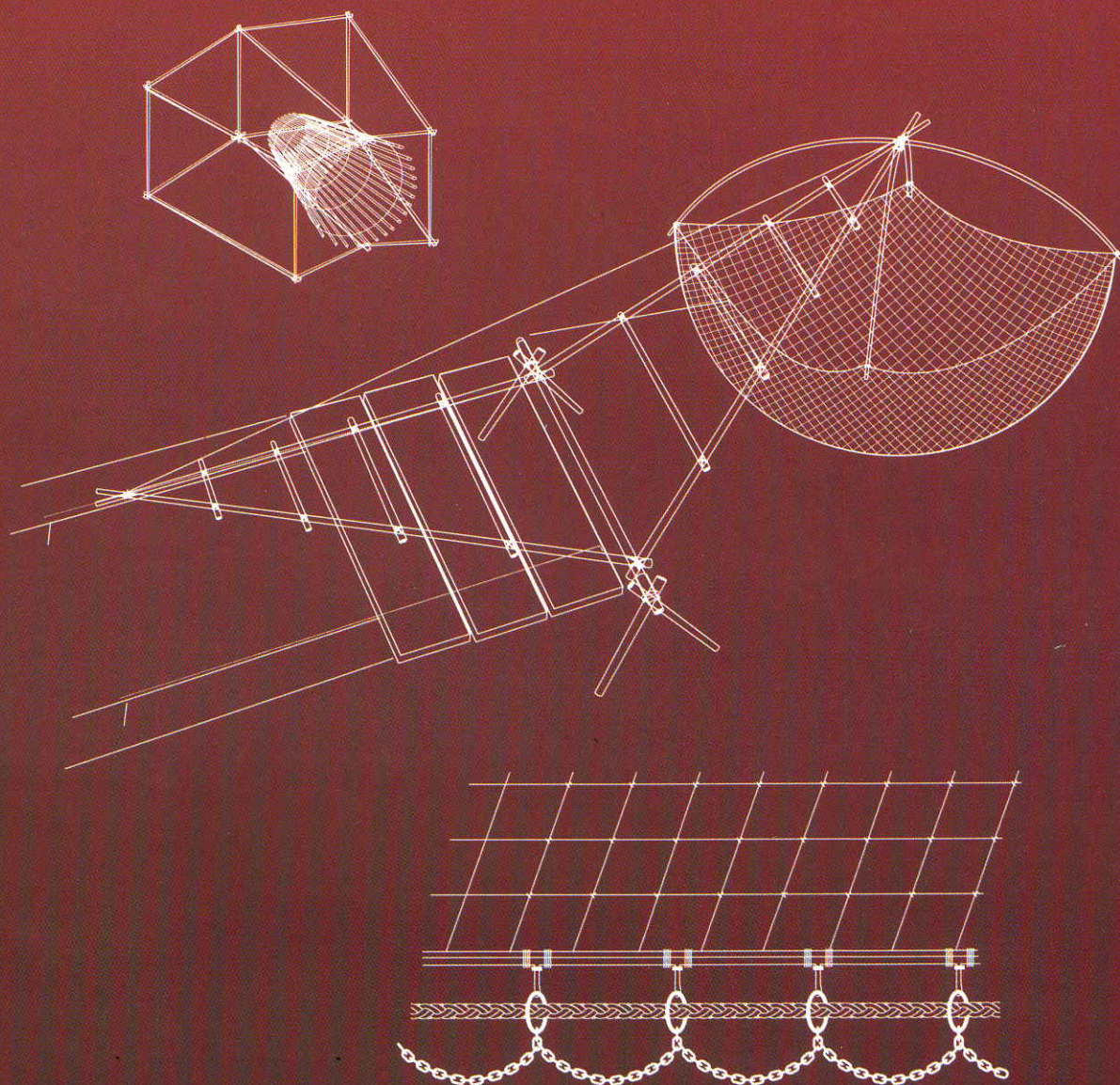


FISHING GEAR AND METHODS IN SOUTHEAST ASIA : IV . VIETNAM



SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER



What is SEAFDEC?

The Southeast Asian Fisheries Development Center (SEAFDEC) is an autonomous intergovernmental body established as a regional treaty organization in 1967 to promote fisheries development in Southeast Asia.

Objectives

SEAFDEC aims specifically to develop the fishery potential in the region through training, research and information services in order to improve the food supply by rational utilization of the fisheries resources in the region.

Functions

To achieve its objectives, the Center has the following functions:

1. To offer training courses, and organize workshops and seminars in fishing technology, marine engineering, extension methodology, post-harvest technology, and aquaculture.
2. To conduct research on fishing gear technology, fishing ground survey, post-harvest technology and aquaculture, to examine problems related to the handling of fish at sea and quality control, and to undertake studies on the fishery resources in the region.
3. To facilitate the transfer of technology to the countries in the region and to provide information materials to the print and non-print media, including the publication of statistical bulletins and reports for the dissemination of survey, research and other data on fisheries and aquaculture.

Membership

SEAFDEC membership is open to all Southeast Asian Countries. The Member Countries of SEAFDEC at present are Brunei Darussalam, Cambodia, Japan, Indonesia, Malaysia, Myanmar, the Philippines, Singapore, Thailand and the Socialist Republic of Vietnam.

FISHING GEAR AND METHODS IN SOUTHEAST ASIA : IV. VIETNAM

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The background of the page is a black and white aerial photograph. In the upper left, there are small boats in the water near a shoreline with some buildings. In the center, a large ship is docked at a pier. In the foreground, there is a large, light-colored building with a flat roof and some palm trees. The text is overlaid on this image.

PREFACE

The collection of “ Monograph of Fishing Gear and Methods in Southeast Asia: IV. Vietnam” has been compiled by the staff of The Research Institute of Marine Fisheries with a view to introduce the structure and fishing techniques of main fishing gears commonly used in Vietnam.

This work will contribute to the management of marine fishing; application of high efficient fishing gears in fishing practices and limitation of using destructive fishing gears to carry out responsible fishing and the development of responsible fisheries in Vietnam.

On this occasion, I would like to give my sincere thanks to SEAFDEC for the enthusiastic assistance, to Mr. Panu Tavarutmaneegul - SEAFDEC Secretary General and Dr. Yasuhisa Kato, Special Adviser who have supported us in the publication of this material.

MINISTRY OF FISHERIES OF VIETNAM

Deputy Minister

NGUYEN NGOC HONG

LỜI TỰA

Tuyển tập "Monograph of Fishing gear and methods in Vietnam" do cán bộ Viện Nghiên cứu Hải sản thực hiện nhằm giới thiệu cấu tạo và kỹ thuật khai thác của các ngư cụ chủ yếu đã được sử dụng phổ biến ở Việt Nam.

Công trình này sẽ đóng góp cho công tác quản lý ngành khai thác hải sản; áp dụng các ngư cụ có năng suất cao vào thực tế đánh bắt và hạn chế việc sử dụng những ngư cụ có hại nhằm thực hiện đánh cá có trách nhiệm và phát triển nghề cá bền vững ở Việt Nam.

Nhân dịp này, tôi xin cảm ơn sự hỗ trợ nhiệt tình của Trung tâm phát triển nghề cá Đông Nam Á (SEAFDEC); Ông Panu Tavarutmaneeagul - Tổng thư ký SEAFDEC và Tiến sĩ Yasuhisa Kato - Cố vấn đặc biệt, đã giúp đỡ chúng tôi trong việc in tuyển tập này.

THỨ TRƯỞNG BỘ THỦY SẢN VIỆT NAM



NGUYỄN NGỌC HỒNG

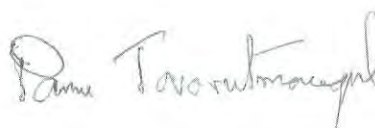
MESSAGE

from the Secretary-General of SEAFDEC

We are indebted to our friends and colleagues at RIMF for their excellent and prompt compilation of this monograph on Fishing Gear and Methods in Southeast Asia: IV. Vietnam. I also wish to offer our thanks for the support that they are giving to the efforts to encourage responsible fishing practices in this Southeast Asian Region. This monograph serves to augment the information necessary for the complete understanding of the mechanisms of the fisheries in the region.

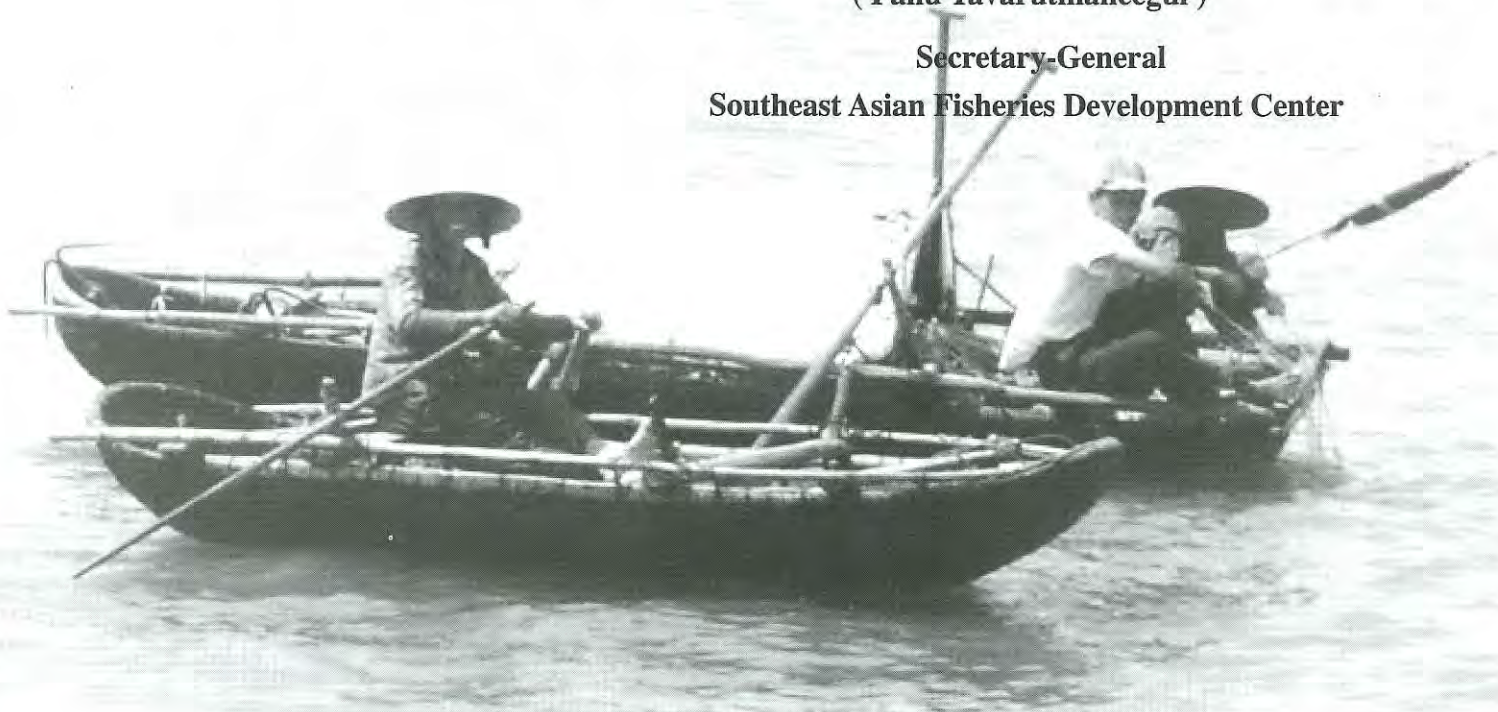
The efficient management of the regional fisheries is a necessary adjunct to the drive to achieve food security in the region and to promote the rehabilitation of the fishing grounds around our coasts and on the high seas. Although Vietnam is a comparatively recent member nation of SEAFDEC their contribution in many fields is greatly welcomed and their work is warmly applauded.

I should like to take this opportunity to offer our sincere thanks to the Nha Trang University of Fisheries and to the scientific staff of the Research Institute of Marine Fisheries for their dedication in the compilation of this informative monograph.



(Panu Tavarutmanee)

Secretary-General
Southeast Asian Fisheries Development Center



FOREWORD

Vietnamese Fisheries has many favorable conditions for development due to the coastline of 3260 km and abundant marine resources. The number of fishing boats increases ceaselessly and the types of fishing gears are diversified. The sizes and designs of fishing gears depend on fishing methods, boat sizes, conditions' fishing ground and the habits of fishermen in each region, so there are lots of different types. Therefore, it is necessary to design the Monograph of Fishing Gears and Methods to make known widely the structure of fishing gears with high fishing efficiency for common application. Also the design of the Monograph produces management measures and limits the practices of destructive fishing gears and methods.

The Ministry of Fisheries of Vietnam entrusted Nha Trang University of Fisheries and the Research Institute of Marine Products to carry out the subject "Designing Monograph of Fishing Gears in Vietnam" in 1997. However, this work has not fully reflected the types of fishing gears as well as fishing techniques.

In order to contribute to the design of the overall picture of fishing gears and fishing techniques of the Southeast Asia, some experienced research staff from the Research Institute of Marine Fisheries implemented the surveys of fishing gears in coastal provinces, then processed data, designed monographs and finished the work on fishing gears and methods of Vietnam. The publication have used some designs of fishing gear in monograph of 1997 and it consists of 10 parts, each part shows fishing operation, characteristics and drawing of typical fishing gear samples of each group, such as trawl net, surrounding net, gill net, hook and line and others.

In this volume, we are only able to present the samples of fishing gears which are most commonly used and have high fishing catch and economic efficiency of some key fisheries areas in Vietnam. With a view to reading easily, symbols written in the drawing are in accordance with the regional common regulations.

Hopefully, the information in the publication will be scientific base and useful reference material for designers and users of fishing gears in Vietnam and other countries in the region.

During the preparation, because of the restriction in some aspects, there are some shortcomings in this book. We are very pleased to receive your suggestions.

RESEARCH INSTITUTE OF MARINE FISHERIES

Vice Director

DR. NGUYEN LONG

ACKNOWLEDGMENTS

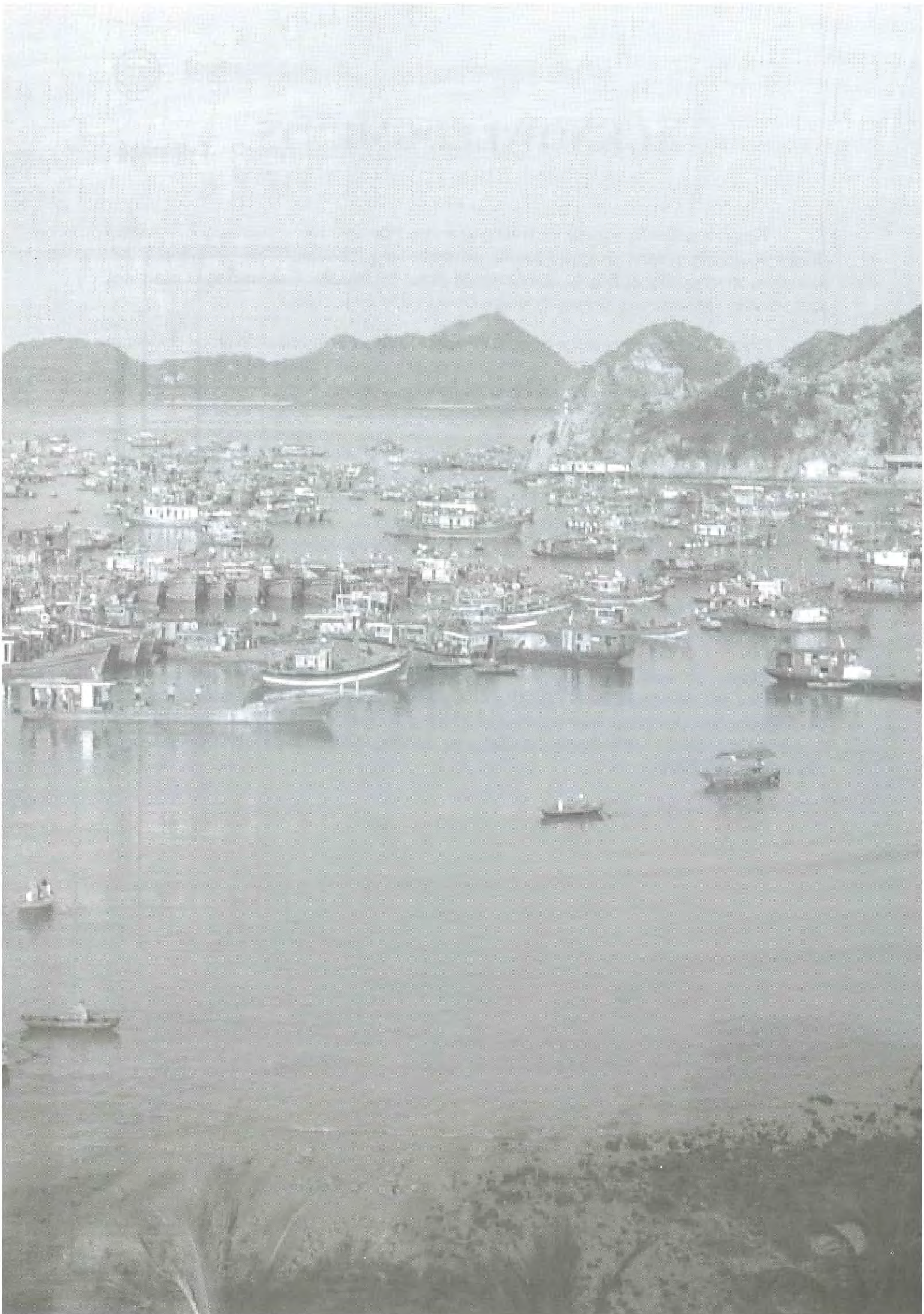
This is a scientific volume on fishing gear structure and fishing methods. It is written thanks to surveys in most provinces having marine fishing. The content of surveys includes: Designing monographs of fishing gears through direct measurement, enumeration of fishing gear samples and surveying fishing technique by scientific researchers.

Because fisheries statistic system of Vietnam is still poor, information of the number of fishing boats, annual catch of each type of fishing gears is not fully presented in the publication. However, contents of the scientific material on fishing gears and methods have been finished owing to the attempt of research staff of the Research Institute of Marine Products.

We would like to thank the Vietnamese Ministry of Fisheries for helping us to prepare necessary administrative procedures. Thanks very much Mr. Nguyen Ngoc Hong, Deputy Minister of Fisheries for valuable guidance opinions during the implementation process, Mr. Panu Tavarutmaneeagul, SEAFDEC Secretary General, Mr. Shogo Sugiura, Deputy Secretary General and Trust Fund Project Manager, Dr. Yasuhisa Kato, Special Advisor of SEAFDEC for helping us to publish this volume.

We would like to offer our heartfelt thanks to fishers for the close cooperation, to net-making sectors for providing us highly valuable information on fishing gears and methods.

Finally, we would like to give our deep gratitude to research staff of the Fishing Technology Department and other expert staff of RIMF, technical staff of provincial Departments of Fisheries, Dr. Nguyen Van Dong and teaching staff of Fishing Technology Department of Nha Trang University of Fisheries to assist us in collecting data, drawing monographs and correcting material to complete this work.



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