



Innovative teaching and learning strategies in Fishery oceanography for student.

Project No. 610327-EPP-1-2019-1-DE-EPPKA2-CBHE-JP



Fishery oceanography (Text book)

Created by: Assoc. Prof. Dr. Hoang Xuan Ben, Dr. Huynh Minh Sang, MSc. Phan Minh Thu

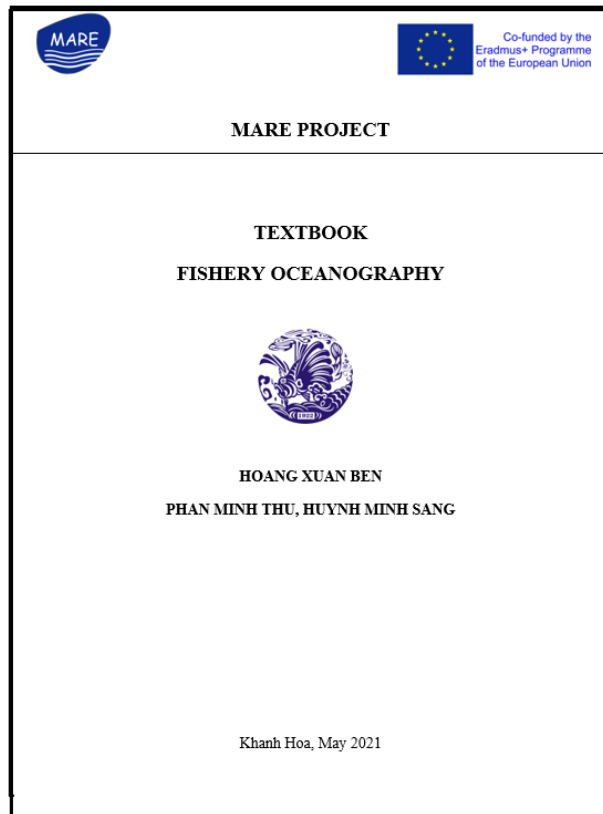


TABLE OF CONTENTS	
TABLE OF CONTENTS	2
INTRODUCTION	5
CHAPTER I: CONCEPT AND HISTORY OF FISHING RESEARCH	7
1.1. CONCEPT	7
1.2. HISTORY OF RESEARCH	9
1.2.1. Oceanography learns fishery in the world	9
1.2.2. Research situation in the country	13
CHAPTER 2: SEA FACTORS OF VIETNAM SEA FISHING	24
2.1. SOME BASIC CHARACTERISTICS OF WATER AND SEA WATER	24
2.2. SOME CHARACTERISTICS OF HAI VAN, SEA DYNAMICS OF VIETNAM	25
2.2.1. Temperature and salinity	25
2.2.2. Wind and wave mode	29
2.2.3. Tide	35
2.2.4. Current	37
2.3. CHARACTERISTICS OF SEA	41
2.3.1. Biological yield	41
2.3.1.1. Primary productivity of phytoplankton	44
2.3.1.2. Primary productivity of benthic plant communities	55
2.3.1.3. Production capacity of microorganisms	58
2.3.2. Phytoplankton	60
2.3.3. Floating animals	62
2.4. CHEMICAL CHARACTERISTICS OF THE SEA ENVIRONMENT	64
2.5. SEA LIFE RESOURCES - FISH RESOURCES	68
2.5.1. Resources of marine life	68
2.5.2. Typical ecosystems	72
2.3.2.1. Coral ecosystem	74
2.3.2.2. Mangrove forest ecosystem	75
2.3.2.3. Seagrass	77
CHAPTER 3. EFFECTS OF OCEANIZATION FACTORS AND RELATIONSHIPS WITH FISHING ACTIVITIES	78
3.1. ENVIRONMENTAL FACTORS AFFECTING THE LIFETIME OF FISH	78
3.2. EFFECTS OF TEMPERATURE, SUPPLY ON FISH DISTRIBUTION	82
3.2.1. Effect of temperature	82

3.2.2. Effect of salinity	84
3.3. EFFECTS OF ORDERS AND TIDES ON FISH DISTRIBUTION	84
3.3.1. Currents create movement of organisms in the marine environment	84
3.3.2. Flow provides nutrients for organisms	84
3.3.3. Currents govern the migration of organisms	85
3.4. IMPACTS OF HAI DUONG FACTORS ON FISH RESOURCES CHANGE	86
3.5. IMPACTS OF HAI DUONG FACTORS ON FISHING ACTIVITIES	86
CHAPTER 4. FORECAST OF FISHING SCHOOL AND FISHING ACCESSORIES	88
4.1. SCIENTIFIC BASIS OF FISH WEIGHT ASSESSMENT	89
4.1.1. Current status of marine fisheries development in Vietnam	89
4.1.1.1. Fishing	89
4.1.1.2. Aquaculture	90
4.1.2. Models used in the assessment of marine fisheries stocks	92
4.1.2.1. Theoretical basis of reserve assessment	92
4.1.2.2. Technical basis in reserve assessment	93
4.1.2.3. Method of evaluating growth parameters (K , L_{inf} or L_{∞} , W_{inf} or W_{∞}), or Von Bertalanffy model	94
4.1.2.4. Method of determining mortality rate and mining rate	97
4.1.2.5. Methods to evaluate mining reserves	98
4.2. FISHING FACTORY FORECAST MODEL	102
4.2.1. Information from fishery independent data	103
4.2.2. Information from 106 fisheries data	106
4.2.3. Methods for building and forecasting marine fish resources	111
4.2.4. Profit distribution forecast results	113
4.3. MODEL OF RESOURCES CONSERVATION AND DEVELOPMENT	116
4.4.1. System of marine protected areas	116
4.4.2. Community-based fisheries resource management model	117
EXERCISE	121
Reference	122



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PREFACE

Vietnam has a coastline of 3,260 km, passing through 28 provinces and cities and is one of the countries with a high index of coastline in the world. The total area has more than 4,200 square kilometers of internal waters, territorial sea, exclusive economic zone and continental shelf stretching about 1 million square kilometers. In addition to the important geographical position and potential for minerals, the high biodiversity along with the value of important aquatic resources have contributed to the country's economic development in recent years. According to FAO, in 2018, Vietnam's total marine catch of about 3.19 million tons is in the top 10 countries with the highest catches in the world. The study of marine biology is most closely related to biological oceanography. Marine biology is a basic and in-depth research science, using knowledge of biology to apply to the sea, not just a separate science. The application of marine techniques, science and technology to conquer nature to serve humans has been carried out. Thus, one of the important tasks of marine science today is to study and rationally exploit marine resources. The exploitation and rational use of resources are always accompanied by studies on relevant oceanographic factors. In the orientation of the country's marine economic development, Resolution No. 36-NQ/TW of the 8th Conference of the 12th Central Executive Committee on the Strategy for Sustainable Development of Vietnam's Marine Economy to 2030, with a Vision to 2045. Accordingly, one of the views of the resolution is that Vietnam must become a country strong in the sea, rich from the sea, with sustainable development, prosperity, security and safety; sustainable development of the marine economy is associated with ensuring national defense and security, maintaining independence, sovereignty and territorial integrity, strengthening foreign relations and international cooperation on the sea, contributing to maintaining a peaceful environment. peace and stability for development. Sustainable development of Vietnam's marine economy is the responsibility of the whole political system, the rights and obligations of all Vietnamese organizations, businesses and people. This course provides basic knowledge for university students related to Oceanography and fisheries development. In addition to the knowledge of Oceanography and their relationship to fishing, conservation and sustainable management of fisheries, knowledge of methods to identify and predict fishing grounds will help students Students have the most basic knowledge related to Oceanography and Fisheries.



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The lecture on Fishery oceanography consists of 4 chapters with the following contents:

CHAPTER 1: CONCEPT AND HISTORY OF FISHING RESEARCH

CHAPTER 2: SEA FACTORS OF VIETNAM SEA FISHING

CHAPTER 3. EFFECTS OF OCEANIZATION FACTORS AND RELATIONSHIPS WITH FISHING ACTIVITIES

CHAPTER 4. FORECAST OF FISHING SCHOOL AND FISHING ACCESSORIES

This book offers a basic knowledge for students related to Oceanography and fisheries development. In addition to the knowledge of Oceanography and their relationship to fishing, conservation and sustainable management of fisheries, knowledge of methods to identify and predict fishing grounds.

The target audience are bachelor's level students, interested in marine pollution control and management of marine resources and environment.

Biography of author

Assoc. Professor Hoang Xuan Ben