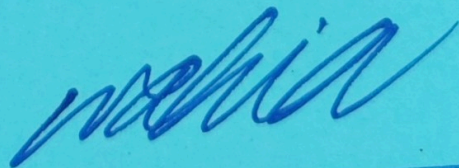


HO CHI MINH NATIONAL ACADEMY OF POLITICS

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**MARINE ECONOMIC DEVELOPMENT ASSOCIATED
WITH ENSURING NATIONAL DEFENSE AND
SECURITY IN THAI BINH PROVINCE**

**DOCTORAL THESIS SUMMARY
INDUSTRY: POLITICAL ECONOMY**



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BEGIN

1. The urgency of the topic

Marine economy and marine economic development associated with ensuring national defense and security play a particularly important role for maritime countries, becoming development strategies of many maritime countries in general and Vietnam in particular.

Located on the coast of the Gulf of Tonkin, Thai Binh is one of 29 coastal provinces and cities of Vietnam and one of the key points of the Gulf of Tonkin Economic Belt with many advantages for marine economic development.

Therefore, implementing the policy of the Party and the State, in recent years, the marine economy associated with ensuring national defense and security in Thai Binh province has been strengthened and made many significant changes: Plans and plans for implementation of marine economic development have actively integrated the contents of marine economic development in association with ensuring national defense, security; Initially building a legal environment for marine economic development; Systematically formulate plans and plans on resource mobilization; Policies have been formulated for rational management and use of natural resources, especially land, water sources, minerals and mangroves; Effectively prevent and treat acts of polluting the environment, pay attention to investment in waste collection, recycling and treatment. In addition, the development of production forces in marine economic development associated with ensuring national defense and security in Thai Binh province has made clear progress: The economic development situation associated with ensuring national defense and security in coastal areas has changed quite positively; Coastal infrastructure is focused on investment; The marine economy has changed in the structure of industries towards industrialization and modernization, there have been many marine economic sectors associated with modern technologies and techniques such as oil and gas exploitation, shipbuilding industry, offshore fishing, sea transport, sea-island tourism and search and rescue, etc rescue... The exploitation of marine resources has made an important contribution to the development of the province and the country as well as an important contribution to the task of ensuring national defense and security.

In addition to the achievements, addressing the relationship between marine economic development associated with ensuring national defense and security in Thai Binh province still has many limitations such as: The concretization of legal documents on marine economic development associated with ensuring national defense, limited security; Fisheries development policies issued are not synchronous; Propaganda on the role of marine economic development associated with ensuring national defense and security has not been focused; The quality of marine human resources is still not high and uneven; The contingent of staff working on the formulation of plans and plannings for marine economic development at departments, departments, branches and localities at district and commune levels is still lacking in quantity and quality; The infrastructure of aquaculture areas as well as coastal areas is still weak and not synchronous;

Environmental pollution and epidemics tend to increase; The structure of fisheries is not reasonable; Small-scale seafood exploitation is not commensurate with the potential of the province, mainly coastal fishing, the distant-water fishing fleet is small, the catch output is low; Not doing well in inspection, supervision and marine economic development activities; Security in maritime border areas still has many potential risks of instability, many issues causing instability, social order and safety, security and coastal defense capacity have not been properly strengthened; the situation of marine environmental pollution is still complicated;

The weaknesses in addressing the relationship between marine economic development associated with ensuring national defense and security in Thai Binh province mentioned above have been posing risks not only affecting economic growth potential but also greatly affecting national defense assurance, security of Thai Binh and of the Coastal region as well as of the whole country. With this meaning, the study and search for solutions to develop the marine economy in association with ensuring national defense and security has become urgent and important for Thai Binh province today.

Stemming from the above reasons, PhD students chose the topic "*Marine economic development associated with ensuring national defense and security in Thai Binh province*" as their doctoral thesis in Political Economy.

2. Research purpose and tasks

2.1. Section Research objectives:

On the basis of clarifying a number of theoretical issues and practical experiences on marine economic development associated with ensuring national defense and security in the province; analyzing and assessing the current situation of economic development associated with ensuring national defense and security in Thai Binh province, the thesis proposes views and solutions to promote marine economic development associated with ensuring national defense and security in Thai Binh province until 2030, with a vision to 2045.

2.2. Research tasks:

To achieve the above purpose, the thesis has the following tasks: (1) Overview of the research situation, clarification of research gaps and proposal of new research directions of the thesis; (2) Clarify the theoretical basis for marine economic development associated with ensuring national defense and security in the following aspects: concepts, roles, contents, evaluation criteria and factors affecting marine economic development associated with ensuring national defense and security. At the same time, analyzing practical experiences on marine economic development associated with ensuring national defense and security in the new context in some localities, drawing lessons for Thai Binh province in the new context; (3) Analyzing and assessing the current situation of marine economic development associated with ensuring national defense and security in Thai Binh province in the period of 2010 – 2022 in two aspects: Developing production forces in the marine economy and perfecting production relations in developing the marine economy in association with ensuring national defense and security indicate the results, limitations and causes; (4) Propose a number of major

viewpoints and solutions contributing to promoting marine economic development in association with ensuring national defense and security in Thai Binh province until 2030 with a vision to 2045.

3. Subjects and scope of research

3.1. Research subjects:

The research object of the thesis is the content of marine economic development associated with ensuring national defense and security according to the approach of political and economic science.

3.2. Pham Microresearch:

- Contents: (1) Development of productive forces in the marine economy covers many contents, in this thesis limits the focus to the following aspects: development of human resources in the marine economy associated with ensuring national defense and security; development of infrastructure in the marine economy in association with ensuring national defense, security; scientific and technological development associated with ensuring national defense and security. (2) Regarding the improvement of production relations in the development of the marine economy in association with ensuring national defense and security, the thesis is limited to basic aspects including: development of economic sectors in marine economic development associated with ensuring national defense and security; institutional perfection, The method of organizing the management of marine economic development associated with ensuring national defense and security is reflected in planning, planning and work on inspection, supervision and settlement of socio-economic interests in marine economic development. (3) Aspects of national defense and security are accessed, including ensuring security order, social safety, maritime security, ensuring the integrity of territorial sovereignty, ensuring sovereign rights and jurisdiction at sea within the local scope, thereby ensuring the sustainability of all levels of government, political regime.

- Scope of time: The study and assessment of the situation is limited to the period from 2010 to 2022, on the basis of which to propose orientations and solutions to 2030 and vision to 2045.

- Scope of space: The topic of studying the relationship between marine economic development associated with ensuring national defense and security in Thai Binh province.

4. Rationale of the thesis

The thesis is researched based on the theoretical basis of Marxism-Leninism, Ho Chi Minh thought, the Party and State's line on marine economic development associated with ensuring national defense and security. The thesis also selectively inherits the research results of relevant published works to better clarify the set research tasks.

5. Research methodology

About general research methods: The thesis applies the research method of political economy science is to abstract science and logical methods associated with history.

Specific methods: Methods of collecting data and documents; Inductive, interpretive, analytical, synthetic, comparative and descriptive methods in research implementation; In addition, the thesis also uses the predictive method to clarify some of the new trends and requirements placed on research.

6. New Scientific Contributions of the Thesis

About reasoning

Developing the analytical framework of the thesis, first of all, the thesis points out the content of marine economic development associated with ensuring national defense and security, including: development of marine economic production forces associated with ensuring national defense and security; perfecting production relations in marine economic development in association with ensuring national defense and security; At the same time, develop evaluation criteria for marine economic development associated with ensuring national defense and security according to the above two groups; at the same time, pointing out factors affecting marine economic development associated with ensuring national defense and security according to the approach of the Political Economy.

About practice

- Study experiences of a locality on marine economic development associated with ensuring national defense and security to draw experiences for Thai Binh province.

- The thesis uses different methods to analyze and assess the current situation of marine economic development associated with ensuring national defense and security in Thai Binh province in terms of benefits, risks, problems and reasons to propose appropriate solutions to continue promoting marine economic development in association with ensuring national defense, security meets the requirements of the new situation in Thai Binh province until 2030, with a vision to 2045.

7. Structure of the thesis

The thesis includes: introduction, 4 chapters, 11 lessons; conclude; list of published author's research works related to the thesis topic; bibliography and appendices.

Chapter 1

OVERVIEW OF THE RESEARCH SITUATION RELATED TO THE THESIS TOPIC

1.1. OVERVIEW OF RESEARCH WORKS

The author overviews two contents: (1) Research works related to the marine economy and the role of the marine economy; (2) Research works related to marine economic development associated with ensuring national defense and security.

1.2. GENERAL EVALUATION OF RESEARCH WORKS RELATED TO THE NEW TOPIC AND RESEARCH DIRECTION OF THE THESIS

1.2.1. Uniform aspects of research works related to the topic

(1) Works that have systematized and stated the concepts of marine

economy; (2) Identify a number of aspects of the marine economy such as: maritime economy, exploitation of marine resources, fisheries, marine tourism, activities of coastal economic zones, etc.; (3) Affirming that marine economic development associated with ensuring national defense and security is a dialectical relationship; (4) Most of the above-mentioned research works have emphasized the important role of the relationship between marine economic development and ensuring national defense and security, considering this as a strategic task for maritime localities; (5) The settlement of the relationship between marine economic development associated with ensuring national defense and security is influenced by many objective and subjective factors.

1.2.2. Points of debate and research gaps of the reviewed works

Regarding the points of debate, there are still many views that marine economic development does not necessarily go hand in hand with security and defense issues. On the other hand, due to the approach to research content in many different research fields, the determination of the content of marine economic development associated with ensuring national defense and security is still inconsistent. Most of the research works on the marine economy have only mentioned some aspects of how to exploit the potential of Vietnam's maritime strengths without deeply analyzing the relationship between sustainable marine economic development and defense, security in the current new situation.

Regarding the research gap, in most relevant published research works, the issue of contents and evaluation criteria on marine economic development associated with ensuring national defense and security in a coastal locality has not been systematically mentioned, under the approach of the Political Economy, it has not been placed in the relationship of development of production forces associated with the perfection of production relations. These are issues that need to continue to be clarified in order to see the normative nature of marine economic development must be associated with ensuring national defense and security.

Specifically: (1) Focus on researching and clarifying the theoretical framework of marine economic development associated with ensuring national defense and security in the province, including clarifying concepts, contents and factors affecting marine economic development associated with ensuring national defense, security in the province; (2) Study experiences on marine economic development associated with ensuring national defense and security; (3) Analyze and assess the current situation of marine economic development associated with assurance, defense and security of Thai Binh province in the period of 2010 - 2022; indicate limitations and causes of limitations; (4) Propose viewpoints and solutions to develop the marine economy in association with ensuring national defense and security in Thai Binh until 2030, with a vision to 2045 in a synchronous and systematic way to improve the efficiency of marine economic development in association with ensuring national defense and security, contributing to the socio-economic development of Thai Binh province in the new period.

Chapter 2
THEORETICAL AND PRACTICAL BASIS FOR MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THE PROVINCE

2.1. MARINE ECONOMY AND MARINE ECONOMY DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY AND THE NECESSITY OF DEVELOPING MARINE ECONOMY IN ASSOCIATION WITH ENSURING NATIONAL DEFENSE AND SECURITY

2.1.1. Marine economy and the role of marine economy in socio-economic development of coastal localities

2.1.1.1. Concept of marine economy

From the analysis of the concepts of marine economy by organizations and scientists in both a narrow and broad sense, the thesis argues that: *Marine economy is a field of activity that seeks human interests in the dialectical unity between productive forces and production relations and is expressed in the form of relations of economic interests It takes place at sea and involves the sea.*

2.1.1.2. The role of marine economy in socio-economic development of coastal localities

(1) Contribute to promoting economic development and international economic integration; (2) Contribute to the development of social fields; (3) Contribute to strengthening national defense and security potentials; (4) Contribute to environmental protection.

2.1.2. Marine economic development associated with ensuring national defense and security

2.1.2.1. Marine economic development

Selectively inheriting the views on the marine economy, consistent with the concept of marine economy of the presented author, in this thesis, the development of the marine economy in a coastal locality is understood as follows: *Marine economic development is the process by which related entities take a combination of measures to increase the scale, The quality as well as the gradual improvement of the level of production forces go along with gradually improving production relations in the field of marine economy in order to create a harmony of interests between actors.*

2.1.2.2. National defense and security and assurance of national defense and security

From the concepts of national defense and security, the author said that ensuring national defense and security from the perspective of political economy is an activity reflecting the actual ability of localities or countries to respond proactively and victoriously to threats to independence and sovereignty, territorial integrity, legitimate economic interests of the country and human safety, social order as well as sustainability of the natural environment, culture and political institutions.

2.1.2.3. Marine economic development associated with ensuring national defense and security

From the concept of marine economic development, ensuring national

defense and security mentioned above, the thesis author said that *marine economic development associated with ensuring national defense and security is a process of oriented implementation of related entities in the field of marine economy in order to create harmony of interests between subjects and create money material and institutional issues for maintaining and consolidating a safe and stable state for the socio-political regime, protecting sovereignty and territorial integrity and defending the Fatherland.*

Accordingly, the content of marine economic development associated with ensuring national defense and security is to emphasize the combination, attachment and dialectical relationship between the two factors: marine economic development and ensuring national defense and security. In other words, both conducting parallel activities of marine economic development and closely associated with ensuring national defense and security; while finding measures to increase the scale, quality as well as gradually raising the level of production forces along with gradually improving production relations in the field of marine economy in order to create a harmony of interests between entities while avoiding threats to the ability to ensure national defense, local as well as national security. In which, the subjects setting guidelines and guidelines for marine economic development associated with ensuring national defense and security, implementing plannings, making appropriate policies and documents to promote marine economic development in association with ensuring national defense and security are the State; Subjects in marine economic subsectors include: Enterprises; cooperatives; professional associations; people,...; Specialized entities in charge of ensuring national defense and security include: border guards; navy, coast guard, police; Rangers.

Thus, all marine economic development activities that pose threats to the capacity to ensure national defense, social order and safety, institutional and political sustainability, erode good cultural values, and destroy the environment are processes of marine economic development not associated with ensuring national defense, etc security.

2.1.3. The need to link marine economic development with ensuring national defense and security at the local level

(1) Due to the nature of the dialectical relationship between marine economic development and ensuring national defense and security; (2) Due to the requirements of performing the two strategic tasks of building and defending the fatherland; (3) Due to the current international and regional situation creating threats to national defense and security; (4), Due to the location and role of marine economic development in national defense and security, it is necessary to develop a local marine economic development strategy.

2.2. CONTENTS, EVALUATION CRITERIA AND FACTORS AFFECTING MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY AT THE PROVINCIAL LEVEL

2.2.1. Contents of marine economic development associated with ensuring national defense and security at provincial level

2.2.1.1. Development of marine economic production forces in association with ensuring national defense and security;

Focus research on 4 main contents: (1) Human resource development of the marine economy associated with ensuring national defense and security; (2)

Development of marine economic infrastructure in association with ensuring national defense and security, including economic infrastructure; social infrastructure; (3) Promote investment in and application of marine economy science and technology in association with ensuring national defense and security; (4) Development of the marine economy in association with ensuring national defense and security in major sectors and fields: industry, agriculture, forestry, fishery, shipping, education and training, healthcare, foreign economy and international integration.

2.2.1.2. Perfecting production relations in marine economic development in association with ensuring national defense and security

Focus research on 4 main contents: ((1) Completing the marine economic development planning associated with ensuring national defense and security (planning on economic contents; social contents; marine environment protection associated with ensuring national defense and security); (2) Complete plans for marine economic development associated with ensuring national defense and security; (3) Development of economic sectors in marine economic development in association with ensuring national defense and security; (4) Complete the inspection and supervision of the organization, implementation and harmonization of socio-economic interests in marine economic development in association with ensuring national defense and security.

2.2.2. Evaluation criteria for marine economic development associated with ensuring national defense and security

** Group of evaluation criteria for development of production forces associated with ensuring national defense and security:* (1) Group of criteria reflecting human resource development associated with ensuring national defense and security; (2) A group of criteria reflecting the development of means of production associated with ensuring national defense and security; (3) Criteria for measuring the level of growth and restructuring of the marine economy associated with strengthening the people's security posture and the solid all-people defense posture at sea.

** Group of evaluation criteria for perfecting production relations in marine economic development associated with ensuring national defense and security:* (1) Clarity in land relations, relations of use of marine space between subjects; (2) Marine economic development plans and plans associated with ensuring national defense and security are feasible both in terms of planning contents as well as guaranteed resources, ensuring the growth objectives from the marine economy associated with the improvement and gradual implementation of social justice, marine economic growth associated with ensuring the sustainability of the marine environment; (3) The diversified development of all economic sectors in economic development associated with ensuring national defense and security; (4) Assess the level of marine economic development associated with ensuring national defense and security through the organization of this activity and the inspection, supervision and harmonization of interests among related entities.

2.2.3. Factors affecting economic development associated with ensuring national defense and security in the province

2.2.3.1 Objective factors: (1) World and regional context; (2) Human

resources and development trends of marine science and technology in the world related to marine economic development and national defense and security; (3) The trend of globalization, regionalization and international integration; (4) The natural geographical location of the country and locality.

2.2.3.2. Subjective factors: (1) Guidelines and policies on marine economic development with assurance of national defense and security; (2) Leadership thinking and vision on marine economic development and national defense and security; (3) The level of socio-economic development of the locality.

2.3. EXPERIENCE IN MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN SOME LOCALITIES OF VIETNAM AND LESSONS FOR THAI BINH PROVINCE

2.3.1. Experience of some localities on marine economic development associated with ensuring national defense and security

The thesis focuses on researching experiences of some central coastal provinces, Quang Ninh province, Ninh Binh province on marine economic development associated with ensuring national defense and security.

2.3.2. Lessons learned for Thai Binh province on marine economic development associated with ensuring national defense and security: (1) The comprehensive leadership of committees at all levels and the creative implementation organization of local governments; (2) Mobilize synchronous investment resources to develop production forces in association with each stage of local marine economic development in association with ensuring national defense and security; (3) Human resource development for marine economic development in association with ensuring national defense and security ;(4) Developing infrastructure for marine economic development in association with ensuring national defense and security; (5) Completion of plans, plans and completion of institutions should also be focused to suit the needs of marine economic development in association with ensuring local defense and security; (6) Promote propaganda on the position and role of marine economic development in association with ensuring national defense and security.

Chapter 3

THE CURRENT SITUATION OF MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE PERIOD 2010 – 2022

3.1. OVERVIEW OF NATURAL AND SOCIO-ECONOMIC CONDITIONS AFFECTING MARINE ECONOMIC DEVELOPMENT IN ASSOCIATION WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE

3.1.1. Natural conditions

The topic is evaluated on the following factors: geographical location; relief; river systems and natural resources.

3.1.2. Socio-political-economic, defense and security conditions

The topic is assessed in terms of the economic situation; political, socio-cultural. and defense and security.

3.2. THE IMPLEMENTATION OF MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE IN THE PERIOD OF 2010 – 2022

3.2.1. Development of factors belonging to marine economic production forces associated with ensuring national defense and security in Thai Binh province

3.2.1.1. *Development of marine economic human resources associated with ensuring national defense and security in Thai Binh province in the period of 2010 - 2022*

Based on the current population data in the Pacific coastal area, it can be seen that the number of working-age workers in the area is 55%, which is an abundant labor source. However, in order to serve the development of the marine economy, the quality is not high, untrained labor accounts for the majority of the agriculture, forestry, fishing and aquaculture sectors, passing on experience from generation to generation with outdated production methods. The proportion of trained workers in 2010 was 26%, in 2020 it was 37%, only a negligible increase of 10%. The province achieves the target that by 2025, it will reach 77% of the trained labor rate under the Human Resource Development Project of Thai Binh province by 2025.

Table 3.1. Labor demand in coastal Thai Binh by 2025

Quota	Unit	2010	2015	2020	2025
Total number of employees in demand for jobs	person	97.909	103.996	110.705	1.139.400
Total jobs likely to meet	person	78.327	93.596	105.170	1.126.900
Industry - construction	person	29838	35566	42068	423.200
Agriculture, forestry and fishery	person	32633	36502	32602	321.166
Service	person	15856	22464	30500	382.534
Total number of workers who have undergone vocational training	%	26%	31%	37%	77%

Source: From the author's documentation and synthesis

According to the analysis, the current labor demand has shifted strongly between sectors and the requirement for higher quality vocational training labor resources depends heavily on the development and establishment of Thai Binh coastal economic zones in the future, posing significant challenges in the problem of creating jobs and improving quality labor in this area.

3.2.1.2. *Current situation of development of marine economic infrastructure associated with ensuring national defense and security in Thai Binh province in the period of 2010 – 2022*

Evaluated in terms of:

Regarding the development of the road system associated with ensuring national defense and security, the road transport system from the center of the province to 2 districts of Thai Thuy and Tien Hai has been gradually upgraded and expanded, some large projects have been invested in construction such as National Highway 39; road 39B, Tien Hai-Dong Chau road, road 221A, 221D, 216, 219; Vo Hui bridge, Tra Ly bridge, Cay Xanh bridge, Diem Dien bridge ..., making an important contribution to promoting socio-economic development, strengthening national defense and security in coastal areas of the province. By 2022, the

province has built a road to Con Rim (about 7 km southeast of Dong Chau beach), connecting the mainland with the sea, turning this nearly 2,000-hectare land into an eco-tourism area combined with national security and defense.

On the development of sea systems, stretching from Thai Binh mouth to Ba Lat mouth with more than 50km of coastline and 5 estuaries, of which Yan Dien mouth has been dredged and creeks built into a seaport capable of entering and leaving ships of 10,000 DW.

Regarding the development of seaport systems, Thai Binh province has prioritized investment in the development of infrastructure and services, synchronous logistics at sea such as building, upgrading and renovating fishing ports, combining with storm shelters, investing in modern equipment for disaster warning and search and rescue, system of production and supply of materials for exploitation and aquaculture...

Table 3.2: Fishing ports and fishing wharves in the planning of Thai Binh province

STT	Name of fishing port	Construction site	Capacity Scale	Notes
1	Tan Son fishing port	Thuy Hai Commune, Thai Thuy	150 turns/400CV	
2	Vinh Tra Fishing Wharf	Yandian Township, Thai Thuy	70 turns/300cv	Have been Assigned
3	Thai Do Fishing Pier	Thai Do Commune, Thai Thuy	50 turns/400cv	Have been Assigned
4	Cua Lan Port	Nam Thinh Commune, Tien Hai	100 turns/400cv	Have been Assigned
5	Tra Ly estuary anchorage area	My Loc Commune, Thai Thuy	300 ships/300CV	Have been Assigned
6	Fishing boat mooring area at the mouth of Yanhu	Thai Thuong Commune, Thai Thuy	300 ships/300CV	HT Phase 1
7	Storm shelter anchorage	at Tan Lap Drain (Hong Tien), Bong He Drain (Nam Hong); Viet Hung commune, Hong Ly	Mooring fishing vessels on the river	Have been Assigned

Source: Thai Binh Department of Agriculture and Rural Development, 2022

Regarding the development of the power grid system, the high-, medium-voltage and low-voltage power networks in the 2 coastal districts always ensure stable and safe power supply, meeting the needs of production and business development and people's daily life. Thai Binh Power Center (including 2 thermal power plants, total capacity of 1,800 MW, investment capital of about 2.1 billion USD), is being invested and built in My Loc commune (Thai Thuy).

Regarding the development of the sea system in association with ensuring national defense and security, the provincial sea system has been invested by the Central and provincial governments with capital from the Program on sea consolidation and upgrading according to Decision No. 58/2006/QD-TTg of the

Government. In the period of 2020 - 2022, the province's sea system is invested and upgraded with a total capital of VND 380 billion. By 2022, the province has implemented the project "Investment in building a new Hai Thinh drain at K15+550, sea No. 5 in Tien Hai district, Thai Binh province" with an investment budget of VND 17,945 million; continue to implement the Project "Urgent treatment of Eight Gate Sewer at K21+540 sea dike 6, Tien Hai district" implemented from 2020 with an investment budget of VND 49,991 million.

Centralized water supply projects are invested and built with many capital sources. In 2011, two centralized water supply plants (capacity from 2,000-3,000 m³/day) were built in two coastal districts, supplying tap water to Yan Dien town, Tien Hai town and some neighboring communes. Up to now, 96-98% of households in Tien Hai and Thai Thuy have access to clean water.

Regarding the development of postal, telecommunications and information technology infrastructure for the marine economy associated with ensuring national defense and security, the postal network of the Thai Binh coastal area in recent years has been relatively developed with 6 post offices located in Diem Dien town and Thuy Xuan communes, Thuy Tan, Thai Hoa, Dong Minh and 24 commune cultural post offices are fully equipped with equipment for postal services according to regulations. By 2022, internet and mobile subscriptions spiked, reaching over 90%. The postal and telecommunications system in coastal areas has deployed basic postal and telecommunications services; The system of post offices and telecommunication stations is highly dual-use, serving both marine economic development and associated with defense and security contents.

In terms of urban infrastructure development, Tien Hai town and Diem Dien town are 2 political, economic and socio-cultural centers of 2 coastal districts Tien Hai and Thai Thuy with a relatively developed socio-economic infrastructure system.

Regarding the development of social infrastructure in coastal areas associated with ensuring national defense and security, the health network from the province to the facility has been upgraded in terms of technical infrastructure, equipment, many new techniques, intensive techniques in treating patients deployed by medical examination and treatment establishments with a large team of doctors, have professional and ethical qualifications, ready to serve national defense and security tasks.

3.2.1.3. Current situation of investment and application of science and technology for marine economic development associated with ensuring national defense and security:

In the period of 2010-2022, sea transport activities have developed strongly in both quality and quantity, from means of transport, scale of ship load and volume of transport. Up to now, the province currently has about 200 shipping enterprises, with over 270 vehicles operating. The capacity of fishing, fishing and seafood associated with the protection of fishery resources and security at sea and offshore fishing has been strengthened (the province currently has 1,142 fishing vessels with a total machine capacity of 122,509.8 CV, an increase of 34,032.8 CV compared to 2015; of which, the group of ships with a capacity of over 90CV is

299 vehicles, an increase of 77 vehicles compared to 2015).

3.2.1.4. Current situation of marine economic development associated with ensuring national defense and security in major sectors and domains

First, the marine industry. Industrial production growth quite promotes the development of marine industrial production of the province. Industrial production in the coastal area of the province has developed strongly, especially in 3 years 2016, 2017 and 2018. A number of large and key projects are facilitated by the province

Secondly, seafood production has developed quite comprehensively in terms of aquaculture, exploitation, processing and fisheries logistics services, contributing to promoting the marine economy of the province. The production value of the fishery industry in the period of 2015 - 2018 increased by an average of 8.52% / year. In 2020, total seafood production will reach more than 260 thousand tons; an increase of 6.53% compared to 2019. Aquaculture has been expanded and developed, the aquaculture area of the coastal area accounts for about 60% of the total aquaculture area of the province, reaching more than 15,700 hectares. In particular, the aquaculture area of Diem Dien town and 30 communes in Thai Binh Economic Zone (coastal economic zone) accounts for nearly 50% of the total aquaculture area of the whole province and over 80% of the total aquaculture area of the coastal region. Aquaculture methods have a positive transformation, towards the application of high technology, diversified forms and objects of farming. It has formed a number of enterprises, focal points for seafood processing and supplying aquatic products for the domestic market and export.

Third, shipping thrived, achieving quite positive initial results. Sea transport activities have developed strongly in both quality and quantity, from means of transport, scale of ship load and volume of transport. The province currently has about 200 shipping enterprises, with over 270 vehicles operating. The capacity of fishing, fishing and seafood associated with the protection of fishery resources and security at sea and offshore fishing has been strengthened (the province currently has 1,142 fishing vessels with a total machine capacity of 122,509.8 CV, an increase of 34,032.8 CV compared to 2015; of which, the group of ships with a capacity of over 90CV is 299 vehicles, an increase of 77 vehicles compared to 2015). Enterprises and fishing households promote investment in modern equipment, apply new technologies in the exploitation of seafood with high economic value. Logistics services for offshore fishing vessels develop, forming many offshore fishing groups to promote collective strength, help and protect each other when operating at sea, help ship owners feel secure to stick to the production sea, contributing to ensuring security, strengthen the presence of fishermen at sea, participate in the protection of national waters. The whole province currently has 3 mooring areas, 2 fishing ports and 1 fishing wharf that are effectively maintained, maintained and exploited, contributing to ensuring safety for production - business activities and marine economic development.

Due to the investment in expanding and upgrading into an international commercial port, the volume of cargo transported through Yan Dien port reached 39,000 tons, 3.9 times higher than before. In order to exploit and expand trade exchanges, the province has renovated and upgraded 21 markets in coastal communes, organized for businesses and cooperatives of 2 coastal districts to meet

and exchange to sign purchase and sale contracts with enterprises processing and consuming agricultural products, domestic and foreign fisheries.

3.2.2. Situation of perfecting production relations in marine economic development associated with ensuring national defense and security in Thai Binh province in the period of 2010 – 2022

3.2.2.1. Complete the master plan for marine economic development in association with ensuring national defense and security

** Current status of planning on economic contents associated with ensuring national defense and security*

Regarding planning to exploit the advantages of coastal areas associated with national defense and security

The area of aquaculture is about 10,000 hectares and thousands of hectares of inefficient rice and salt-making land are being switched by farmers to raising salty and brackish aquatic species with high economic efficiency. Yan Dien national seaport, Cua Lan fishing port, Nam Thinh were initially invested and upgraded; master plan for socio-economic development of coastal areas; master plan of Thai Binh economic zone with an area of over 30,000 ha.

Regarding planning by sectors for marine economic development associated with national defense and security:

Saltwater and brackish water aquaculture develop quite strongly, comprehensively in terms of farming area, output and quality. (See Figure 3.1.)

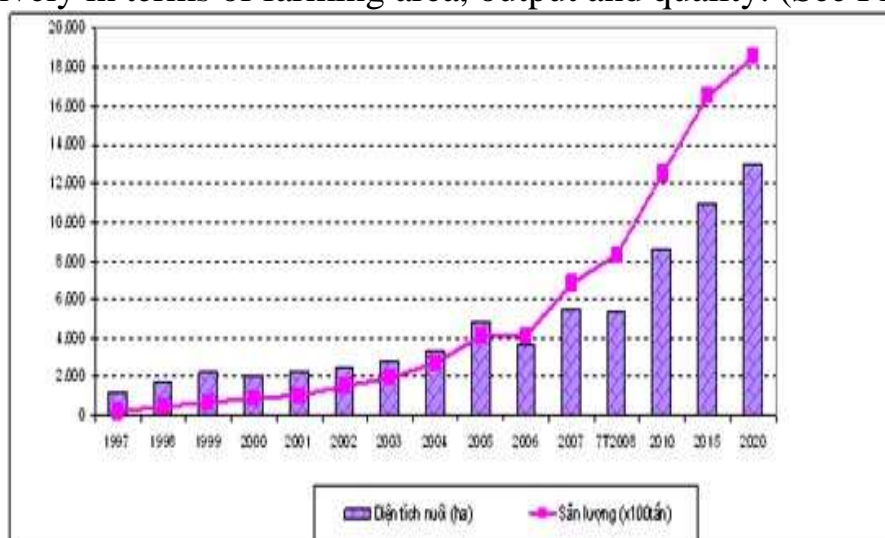


Figure 3.1 Area of saltwater, brackish water aquaculture and aquatic production in Thai Binh Industrial Park

In terms of total aquaculture area, the total aquaculture area has increased from 13,366 ha in 2010 to 14,690 ha in 2015 and to 16,114 ha in 2020 (compared to 2010, in 2020 increased over 1.2 times, with an average growth rate of over 1.89% / year). Thai Thuy and Tien Hai are the two main farming districts and also the two districts with the largest and second exploitation output of the province (Tien Hai: 52%, Thai Thuy: 21%). Aquaculture farms are growing fast. The province currently has about 450 seafood farms with an area of about 1500ha, employing 1,450 workers. In terms of location, among the 12 provinces of the Red River Delta, Thai Binh has always ranked 4th in both area and aquaculture output.

Table 3.3. Aquaculture area of Thai Binh province in the period of 2010-2020

Categories	Culture area (ha)			PTBQ rate 2011 -2015 (%/year)	PTBQ rate 2016 -2020 (%/year)	PTBQ rate 2011 -2020 (%/year)
	2010	2015	2020			
Amount	13.366	14.690	16.114	1,91	1,87	1,89
I. Classification by type of aquatic products						
Shrimp	2.489	2.951	3.354	3,46	2,59	3,03
Where	9.138	8.590	9.497	-1,23	2,03	0,39
Other fisheries	1.739	3.149	3.263	12,61	0,71	6,5
II. Classification by PT farming						
Intensive farming	0	81	881		61,18	
Semi-intensive farming	13.366	11.950	8.338	-2,21	-6,95	-4,61
Raising improved QC and QC	0	2.659	6.895		20,99	
III. Classification by type of culture water						
Freshwater	8.630	8.285	8.843	-0,81	1,31	0,24
Brackish water	3.647	3.485	4.157	-0,9	3,59	1,32
Brine	1.089	2.920	3.114	21,81	1,29	11,08

Source: Statistics of Thai Binh province 2014, 2020, 2021

Regarding fishery exploitation, the production value of Thai Binh fishery industry has a relatively high growth rate in the period of 2015 - 2020, from 7.11 - 8.7% / year. Production value increased from VND 2,500.9 billion in 2010 to VND 3,795 billion in 2015 and VND 5,350.8 in 2020. In particular, GTSX fishing in 2020 reached VND 1,374 billion, up 1.91 times compared to 2010. The main catch includes mackerel, herring, squid. Mining output in 2020 will reach 90.9 thousand tons, an increase of 2.03 times compared to 2010.

Table 3.4. Production value of Thai Binh fishery industry, period 2010 - 2015 - 2020 (At 2010 comparative prices)

Unit: Billion VND

Categories	Production value			PTBQ Rate 2011 - 015 (%/year)	PTBQ rate 2016 -2020 (%/year)	PTBQ rate 2011 -2020 (%/year)
	2010	2015	2020			
Amount	2.500,9	3.795	5.350,8	8,7	7,11	7,9
Harness	718	1.012,5	1.374	7,12	6,3	6,71
Farming	1.782,9	2.782,5	3.977	9,31	7,4	8,35

Source : Thai Binh Statistics Office 2015, 2020, 2021, 2022

*** *Social content planning associated with ensuring national defense and security***

In recent years, Thai Binh province has strengthened the State management of security and order, especially residence management, foreigner management, management of vehicles, boats, labor in shipping, fishing and aquaculture along with building and strengthening the grassroots political system; build the core forces of the whole people's movement to protect national security; promote the synergy of the whole political system, the roles and responsibilities of all levels of government, branches, mass organizations and social organizations in protecting sea and island sovereignty.

*** *Planning on environmental contents associated with ensuring national defense and security***

The province has focused on well solving the relationship between economic development and ensuring national defense and security at sea; ensuring social security of seas and islands; relatively economical use of resources and protection of the marine environment, with economic space for islands and inland areas; expand international cooperation and maintain sea and island sovereignty on the principles of equality and mutual benefit, firmly protect independence, sovereignty and territorial integrity. Take the rational use of natural resources and protect the marine environment, which are fundamental factors for effective and sustainable marine economic development based on the preservation of marine natural capital; protection and investment in marine, coastal and island ecosystems... The province has been perfecting mechanisms, policies and legal documents to ensure the harmony of interests and interests in the exploitation and use of natural resources for marine economic development with obligations and responsibilities to protect the marine environment. Strengthen supervision, review and management of sources of polluting discharges into the marine environment; invest in and establish environmental monitoring and monitoring systems in localities. Promote propaganda and education to raise public awareness about the harmful effects of transboundary environmental issues on marine resources and environment in the region...

3.2.2.2. *Current situation of formulation of plans for marine economic development associated with ensuring national defense and security*

Regarding the plan to establish a dynamic and fast-growing coastal marine economic zone: Thai Binh Economic Zone has a total natural area of 30,583 hectares in 2 districts of Thai Thuy, Tien Hai, Thai Binh province to be built and developed to become an integrated and multi-sectoral economic zone, breakthrough area of Thai Binh province in 3 phases.

Regarding the plan to form, study and invest in the coastal road of Thai Binh province: it is planned to pass through the administrative boundaries of Thai Thuy and Tien Hai districts.

Regarding the plan to form island economic centers combined with national security and defense: According to the implementation plan, Thai Binh province has developed a plan to form Con Rim entertainment, tourism and resort complex - with the new name Serena Island (Thai Binh Hung Thinh island); Con Rim is also a place connecting with many other tourist destinations of Thai Binh such as Keo Pagoda, Tran dynasty relics, Minh Lang embroidery village, Dong Xam silver carving village, Bach Thuan garden house, creating an attractive tourist complex of Thai Binh.

Regarding the plan to form a coastal urban chain: Thai Thuy Economic Zone is a relatively clear integration of tourism-services, urban and industrial, with a series of strategic projects such as creating a chain strong enough to form a development strip along the Thai Binh coast; Construction of Yandian Tourist Trade Center; Construction of Dong Chau tourist area; Construction of Con Vanh eco-tourism area; Construction of Black Dun eco-tourism area; From the perspective of planning, the Thai Binh coastal tourist urban chain has created a specific orientation, for localities in this area to aim for. Thereby, promoting all potentials and advantages to soon realize the dream of sustainable tourism development associated with protecting security in the sea area. In particular, security and defense zones are arranged, built and upgraded accordingly.

Regarding the formulation of plans for implementation of environmental contents of marine economic development in association with ensuring national defense and security. According to the monitoring results of the Marine Department in collaboration with the Center for Natural Resources and Environment Analysis Monitoring under Thai Binh Department of Natural Resources and Environment conducted in 2022, the water environment in the coastal area of Thai Binh province shows signs of pollution due to the detection of chemical oxygen concentration (COD), concentration of suspended solids (TSS), manganese metal content (Mn), copper metal content (Cu), zinc metal content (Zn) increased compared to regulations allowed for marine aquaculture and conservation areas (QCVN 10: 2008/BTNMT).

3.2.2.3. Current situation of development of economic sectors in marine economic development associated with ensuring national defense and security

About state budget investment capital, Thai Binh province has invested hundreds of billions of VND to serve the development of marine economic sectors, The total investment capital needed for key marine economic sectors of the province in the period of 2010 – 2020 from high to low is 12,671 billion VND, respectively; The fishery sector is VND 4,029.36 billion and the marine tourism industry is VND 3,891.8. billion. However, the implementation figure compared to the assigned plan is not really effective when the highest level of implementation compared to the new plan accounts for only 76.4%.

On mobilizing investment capital of enterprises, in Thai Binh province, enterprises mainly invest in fishing, seafood processing, marine tourism and maritime transportation. The proportion of capital from the business and residential sectors tends to increase over the years, in 2010 this rate was 20%, by 2017, although it was only 17%, but in 2022, this rate increased to nearly 30%.

Foreign Direct Investment (FDI) mainly concentrated in Thai Binh marine economic zone. Thai Binh province has 113 foreign investment (FDI) projects with a total registered capital of about 2,046.25 million USD, including 65 FDI projects in economic zones and provincial industrial parks with a total registered investment capital of about 1,588.64 million USD, 46 FDI projects outside industrial parks with a total registered investment capital of about 487.44 million USD. Thai Binh currently has 27 projects of Korean investors with a total investment capital of nearly 150 million USD. Export turnover to the Korean market reached 450 million USD, accounting for 18.1% of the total export turnover of the province.

On the development of marine enterprises, in the period 2010-2015, Thai

Binh has 120 enterprises doing business in the sea sector granted Business Registration Certificates, total registered capital of VND 265 billion, 2.3 times higher in the number of enterprises and 2.1 times in registered capital over the same period last year; 80 enterprises stopped operating, of which the business registration certificates of 05 enterprises were revoked. Up to now, the province has 3,725 enterprises and 396 branches and representative offices.

From 2010 to 2022, *fisheries sector of the province* transform and establish more new businesses.

3.2.2.4. Current status of completing the inspection and supervision of the organization, implementation and harmonization of socio-economic interest relations, marine economic development associated with ensuring national defense and security;

In order to serve the development of the marine economy in association with ensuring national defense and security, provincial authorities have actively completed the institutional process for the establishment of land use rights, water use rights, land allocation, water surface allocation to production and business entities as well as the establishment of defense land areas, the area ensures the defense of coastal districts and provinces. At the same time, actively survey to understand the implementation of the marine economic development process associated with national security and defense with the coordination between departments, departments and branches of the province.

3.3. ASSESSMENT OF THE IMPLEMENTATION OF MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE IN THE PERIOD OF 2010-2022

3.3.1. Achievements in marine economic development associated with ensuring national defense and security in Thai Binh province in the period of 2010 - 2022

**** Achievements in the development of production forces associated with ensuring national defense and security:***

(1) Development of productive forces in marine economic development associated with ensuring national defense and security in Thai Binh province has made clear progress; (2) The economic development situation associated with ensuring national defense and security in coastal areas has changed quite positively. Up to now, the growth rate of 2 coastal districts Thai Thuy and Tien Hai has continued to remain high. In Thai Thuy district, the average 5-year production value growth rate in the period of 2015 – 2020 reached 17.6% / year. The marine economy has developed in terms of aquaculture, exploitation and processing, associated with the protection of aquatic resources and marine security. The average 5-year production value reached VND 1,712 billion, the growth rate was 7.83% / year, up 2.35% compared to the period of 2010 - 2015. In Tien Hai district, the average economic growth rate is 13.49%/year, of which, the value of agricultural, forestry and fishery production is VND 802.4 billion, reaching 97% of the plan, up 7%, accounting for the structure of 46.1%; (3) Infrastructure has been concentrated capital for investment in infrastructure development in coastal areas. Construction of National Highway 39 has begun as the lifblood of the area that will facilitate the strong development of this area in the near future; (4) National defense and security work shall be led, directed and organized by all levels and branches, contributing to firmly protecting the sea,

maintaining political security, social order and safety in coastal localities; (5) Develop industry and handicrafts at a high speed and sustainably, contributing to improving the competitiveness of the province.

**** Achievements in perfecting production relations in marine economic development associated with ensuring national defense and security***

(1) Plans and plans for implementation of marine economic development have actively integrated contents to ensure the integration of marine economic development in association with ensuring national defense and security. ng so that prolonged complexities arise into hot spots; (2) Initially building a legal environment for marine economic development; (3) Gradually invest in the infrastructure of the National Marine Economic Zone in Thai Binh. The infrastructure system is synchronously planned and is being implemented according to progress; (4) Systematically formulating plans and plans on resource mobilization and human resource plans is also an important success in renewing the contents of plans for marine economic development associated with ensuring national defense and security; (5) Thai Binh province has developed policies for rational management and use of natural resources, especially land, water sources, minerals and mangroves; effectively prevent and treat acts of polluting the environment, pay attention to investment in waste collection, recycling and treatment.

3.3.2. Limitations and causes of limitations in marine economic development associated with defense and security in Thai Binh province in the period 2010-2022

**** Limitations in the development of marine economic production forces associated with ensuring national defense and security***

(1) The contingent of staff working on the formulation of plans and plans for marine economic development at departments, departments, branches and localities at district and commune levels is lacking in quantity and quality; (2) The quality of on-site marine human resources serving the development of marine economic sectors is uneven, of low quality, and has not met the needs of the establishment of the EEZ; (3) Most industrial production establishments (located outside Tien Hai Industrial Park) are small-scale, manufacturing, processing, assembling, preliminary processing, low added value; the level of technical equipment and technology is not high, the competitiveness is limited; supporting industries in coastal areas of the province are still small in scale (accounting for 19% of the total industrial production value; province); (4) The infrastructure serving marine economic development associated with ensuring national defense and security is still limited.

**** Limitations on perfecting production relations in marine economic development associated with ensuring national defense and security;***

(1) The concretization of legal documents on marine economic development associated with national security and defense is very limited; the planning and implementation of plans for aquaculture, processing and fishing development are still slow; the coordination between administrative agencies and the people and the armed forces in general has not been frequent and close...; (2) The close combination of socio-economic development with strengthening national defense and security potentials, building the all-people defense posture in association with the people's security posture through planning liberation has not been closely coordinated among departments; (3) Economic sectors have developed unevenly,

leading to unreasonable fishery industry structure, complicated situation of violations of regulations on fishery exploitation; (4) The work of understanding and implementing policies and laws for individuals and organizations exploiting, cultivating and processing seafood associated with ensuring national defense and security in some places still lacks uniformity, synchronization and is not close to the actual situation; (5) The security and order situation in the maritime area is maintained, but there are also potential destabilizing factors.

3.3.3. Causes of limitations in marine economic development associated with defense and security in Thai Binh province in the period of 2010 – 2022

Objective causes: (1) The starting point of the province's economy is low; The budget capital for development investment is still limited, there is an imbalance between demand and investment ability; (2) Depleted marine resources are also the cause affecting the development of the marine economy in association with ensuring national defense and security.

Subjective reasons: (1) Policies to attract investment are not attractive enough, administrative procedure reform is not strong enough; (2) organize the management apparatus for the implementation of marine economic development in association with ensuring that QP and AN of the province are not close to the actual situation, leading to many shortcomings, especially in districts and communes; (3) The coordination between departments and departments is not high, so in the process of implementation, there has been overlap and contradiction between fields; (4) The awareness of individuals, organizations and a part of cadres and civil servants in marine economic development associated with ensuring national defense and security is limited; (5) The work of propagating and disseminating legal policy education and promoting the potential advantages of Thai Binh KVVVB to the people has not been regular; (6) Funds for training and fostering the development of marine human resources are very limited, leading to the lack of quantity and weakness in the contingent of civil servants working in marine economic management as well as marine economic human resources.

Chapter 4

PERSPECTIVES AND SOLUTIONS TO PROMOTE MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE UNTIL 2030 WITH A VISION TO 2045

4.1. INTERNATIONAL AND DOMESTIC SITUATIONS AFFECTING MARINE ECONOMIC DEVELOPMENT ASSOCIATED WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE UNTIL 2030 WITH A VISION TO 2045

4.1.1. International situation

(1) Currently, the trend of reaching out to sea and exploiting the ocean has become a strategic action slogan of the whole world. Many countries in the world have been considering islands and oceans as the main development orientation with sea transport routes connecting continents and being home to military bases of some countries; (2) The tendency of countries to go to sea has caused complicated developments in the sea and island situation such as risks of insecurity, risk of resource depletion, energy crisis, environmental pollution, sovereignty disputes, and failure to ensure maritime safety,...

4.1.2. Situation in the country

(1) Vietnam wants to become a strong country in the sea, develop socio-economic development in sea, island and coastal areas in association with national protection requirements and in the trend of economic integration with the region and the world; (2) The trend of "enrichment from the sea" is guided by the viewpoint of closely combining socio-economic development with ensuring national defense, security, international cooperation and environmental protection. Closely combine the development of sea, coastal and island areas with the development of inland areas in the direction of CNH, OS; (3) Thai Binh has clear advantages when implementing a strategy towards the sea with strategic terrain; (4) The marine economy of Thai Binh province will face consequences caused by environmental problems, exploitation and use of marine and coastal resources.

4.2. VIEWS ON PROMOTING MARINE ECONOMIC DEVELOPMENT IN ASSOCIATION WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE UNTIL 2030 WITH A VISION TO 2045

(1) Marine economic development associated with ensuring national defense and security in Thai Binh province is the responsibility of both the political system and the whole people; (2) Maintain the socialist orientation in the process of marine economic development in association with ensuring national defense and security in Thai Binh province. (3) Ensure comprehensiveness, solidity, focus, focus and efficiency in the process of marine economic development in association with ensuring national defense and security; (4) Marine economic development associated with ensuring national defense and security should closely combine political, diplomatic, legal, economic, defense and security forms and measures in the management and protection of the territory, territorial sea and airspace of the Fatherland; (5) Marine economic development associated with ensuring national defense and security must be implemented right from the guidelines, master plans and plans for marine economic development of the province and of the sector; (6) Marine economic development associated with ensuring national defense and security should take enterprises and people as the core subjects; associated with building an all-people defense posture associated with a solid people's security posture at sea; (7) Settle economic disagreements and disputes at sea through peaceful negotiations, mutual respect and mutual benefit to ensure national defense and security.

4.3. SOLUTIONS TO PROMOTE MARINE ECONOMIC DEVELOPMENT IN ASSOCIATION WITH ENSURING NATIONAL DEFENSE AND SECURITY IN THAI BINH PROVINCE UNTIL 2030 WITH A VISION TO 2045

4.3.1. Raising awareness of promoting marine economic development in association with ensuring national defense and security for cadres, Party members and people of Thai Binh province

(1) Party committees and authorities of Thai Binh province should regularly deeply understand the guidelines and strategic solutions for sustainable marine economic development associated with ensuring national defense and security; (2) It is necessary to do well the work of educating and propagandizing among the people on the policy of marine economic development in association with ensuring national defense and security; (3) Continuously improve the effectiveness of defense and security education for subjects and people in the area; (4) Invest adequate resources and implement socialization for education to raise awareness of marine economic development combined with maintaining national defense and security; (5) In the course of implementation, it is necessary to combat the

ideology of hasty, subjectivity, willpower and absolutization tendencies for marine economic development, leading to disregard for maintaining national defense, security and security or, conversely, absolutizing the maintenance of national defense and security to disregard marine economic development.

4.3.2. Complete master plans and plans to promote marine economic development in association with ensuring national defense and security in Thai Binh province

(1) Planning for development of coastal economic zones: Formulate provincial coastal area planning, serve as a basis for detailed planning of functional areas; Improve the quality of plannings to orient investment attraction to ensure fast and sustainable development; Strengthen interdisciplinary coordination among vertical management units to minimize overlap in planning leading to conflicts of interest between sectors); (2) Planning of coastal economic zones and clusters: Planning for construction of river ports and seaports; Construction of coastal economic zones; (3) Infrastructure development planning: It is necessary to accurately review and assess the advantages, potentials and disadvantages of coastal economic zones; It is necessary to clearly identify the strengths of each coastal economic zone, avoid investment concentration, avoid investment in development spread out in many fields. Select qualified investors who can participate in development planning and strategic orientation; Create a connection between coastal economic zones, form a driving axis for coastal development, in which, there is a close assignment in the development of sectors and fields among economic zones; It is necessary to accelerate the implementation of key projects, interregional and regional projects; continue to promote the mobilization of investment capital sources for construction and synchronous upgrading of the technical infrastructure system in coastal areas.

4.3.3. Complete mechanisms and policies, create an attractive business environment to promote marine economic development in association with ensuring national defense and security in Thai Binh province

(1) Improve the open and favorable investment environment to promote the development of economic sectors, attract external capital, take full advantage of concentrated investment capital of the province under projects on socio-economic infrastructure development and rural development;

(2) Continue to promote the improvement of the investment and business environment, ensure openness and transparency of healthy and equal competition Promote administrative reform, support and assist investors to remove difficulties and obstacles in time during the project implementation;

(3) Improving the efficiency of production and business and comprehensive marine economic development: Coordinating development between Thai Binh and provinces in the Region and central agencies; Upgrade highways 10, 39, 37; Construction of Hong Quynh Bridge, Hong Tien Bridge, An Khe Bridge, Sa Cao Bridge ...; Focus on developing seafood exploitation and processing; port systems and shipping services, anchorage areas, logistics services for fishing, processing and fishing; Strongly develop and diversify trade in services, encourage economic sectors to actively invest; Development of marine ecotourism, combining visits to historical relics, traditional cultural values and spirituality; actively organize forces, participate qualitatively in drills and carry out flood and storm prevention, search and rescue on rivers and at sea; At the same time, establish a

communication system for flood and storm prevention, search and rescue between the Command and Border Guard stations and fishing vessels to protect fishermen and promptly inform and handle situations at sea.

(4) Investment promotion and management: Implement mechanisms and policies to attract investment according to Decision No. 13/2020/QĐ-UBND of Thai Binh People's Committee. Formulate and organize the effective implementation of mechanisms and policies to encourage all economic sectors to invest in the development of the marine economy.

4.3.4. Thai Binh province shall formulate specific but unified policies with the Northern Sea, strengthen international cooperation to develop the marine economy in association with ensuring national defense and security

(1) The policy system in each sub-sector of marine economic development in Thai Binh province must be developed uniformly, with emphasis on the specific factor of the Northern marine economic region; (2) Ensure openness and integration with the international economy, while ensuring interaction with neighboring provinces and unified coordination from the Central Government; (3) Aligning marine economic growth with addressing social and environmental issues; (4) The formulation of strategies, master plans and policies for the development of industries and products with advantages from the sea should be one step ahead; (5) With regard to international cooperation, diplomatic activities play an important role in the protection of national sovereignty at sea.

4.3.5. Development of sea-related human resources in order to promote marine economic development in association with ensuring national defense and security in Thai Binh province

(1) Focus on reviewing and forecasting long-term human resource needs: This is a strong statistical work and forecast of human resource needs; Implement the Provincial Human Resource Development Plan to 2030 with a vision to 2045; (2) Organize training in new industries with high demand to ensure the quantity and quality of human resources, especially tourism, port services, shipping, exploitation and aquaculture, oil and gas exploitation, natural resources and environment; It is necessary to organize training according to appropriate professions; Clearly define training standards; Balancing the rate of training by level and profession; Expand the socialization of vocational training in appropriate forms; Continue to invest and expand vocational training centers in Thai Thuy and Tien Hai districts; It is necessary to encourage fishermen to stick to the sea for economic development.

4.3.6. Ensure resources to promote marine economic development in association with ensuring national defense and security in each branch and field

(1) Building modern marine economic development infrastructure associated with ensuring national defense and security in Thai Binh province; Building a strong armed force, first of all, the Navy as the core of sea and island protection, as a solid foundation for marine economic development; Coordinate in protecting security and sovereignty of seas and islands among departments, branches, authorities and local people and the armed forces, first of all the Navy; (4) Consolidate and improve the operational efficiency of the political system in island districts to meet the requirements of marine economic development associated with ensuring national defense in Thai Binh province.

CONCLUDE

Studying the issue of marine economic development associated with ensuring national defense and security in Thai Binh province, initially, the thesis analyzed and clarified the contents of the connection between marine economic development and ensuring national defense and security manifested in planning, planning and implementation organization; in building rational economic structures, in infrastructure construction, in mobilizing resources, in examining and evaluating the organization and implementation and in other areas of development. At the same time, this cohesion is also assessed through criteria including the group of evaluation criteria for the development of production forces associated with ensuring national defense and security and the group of evaluation criteria on perfecting production relations in marine economic development associated with ensuring national defense, security. The thesis analyzed the factors affecting marine economic development with ensuring national defense and security, as well as stating some lessons of some localities in Vietnam on effectively addressing the dialectical relationship between marine economic development and ensuring national defense, security that Thai Binh province needs to study and apply.

On that basis, the thesis focuses on analyzing and clarifying the situation of marine economic development associated with ensuring national defense and security in Thai Binh province, pointing out the results achieved in the period of 2010 – 2022. However, marine economic development associated with ensuring national defense and security in Thai Binh province still has some limitations and problems in planning, implementation organization, in building socio-economic infrastructure, in mobilizing resources, including in thinking, awareness and vision of cadres in the political system at all levels and among the people, especially in the two coastal districts.

From these assessments and analyses, the thesis has pointed out some basic views and main solutions to overcome the limitations and problems raised, focusing on solutions: (i) Raising awareness on promoting marine economic development in association with ensuring national defense, security for cadres, Party members and people of Thai Binh province; (ii) Complete the master plan and develop strategies to promote marine economic development in association with ensuring national defense and security in Thai Binh province; (iii) Complete mechanisms and policies, create an attractive business environment to promote marine economic development in association with ensuring national defense and security in Thai Binh province; (iv) Thai Binh province shall formulate specific but unified policies with the Northern Sea, strengthen international cooperation to develop the marine economy in association with ensuring national defense and security; (v) Develop sea-related human resources in order to promote marine economic development in association with ensuring national defense and security in Thai Binh province; (vi) Ensure resources to promote marine economic development in association with ensuring national defense and security in each branch and each field./.

**LIST OF SCIENTIFIC RESEARCH WORKS OF THE AUTHOR
RELATED TO THE THESIS TOPIC**

1. Nguyen Ngoc Khanh (2022), "Factors affecting marine economic development associated with ensuring national defense and security in Vietnam", *Journal of Finance and Accounting Research*, (11), pp.79-82.
2. Nguyen Ngoc Khanh (2023), "Achievements in marine economic development associated with ensuring national defense and security in Thai Binh province", *Journal of Finance and Accounting Research*, (01), pp.45-49.
3. Nguyen Ngoc Khanh (2023), "Solutions to develop the marine economy associated with ensuring national defense and security in Thai Binh province in the current period", *Journal of Finance and Accounting Research*, (03), pp.92-96.