CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

SUMMARY OF DOCTORAL THESIS

Thesis title**:** ***Development of port logistics infrastructure in Ba Ria – Vung Tau Province to 2030***

Major:	Transport organization and management
Code:	9840103
Ph.D candidate:	Nguyen Van Tung
Formation course:	2019
Supervisors:	Assoc. Prof. Dr. Tran Quang Phu
Training institution:	Ho Chi Minh City University of Transport

1. Research purpose and objectives

1.1. Research purpose

The thesis aims to propose orientations and solutions for development of port logistics infrastructure in Ba Ria-Vung Tau Province to 2030.

1.2. Research objectives

To fulfill the research purpose, the following objectives need to be achieved:

- Establish the theoretical foundation for logistics infrastructure development.
- Identify factors affecting the development of port logistics infrastructure in Ba Ria-Vung Tau Province.
- Analyze and evaluate the current situation of port logistics infrastructure in Ba Ria-Vung Tau Province
- Measure the impact of factors affecting the development of port logistics infrastructure in Ba Ria-Vung Tau Province.
- Identify the bases for development of port logistics infrastructure in Ba Ria-Vung Tau Province.
- Propose orientations for development of logistics infrastructure in Ba Ria-Vung Tau Province.

2. Subject and scope of research of the thesis

Subject of research: Port logistics infrastructure development

Scope of research:

- Spatial: Study the port logistics infrastructure in Ba Ria-Vung Tau Province.

- Temporal: Study the orientations and solutions for development of port logistics infrastructure in Ba Ria-Vung Tau Province to 2030.

3. Research methodologies:

The thesis adopts both qualitative and quantitative research methods.

Qualitative research methods

The thesis mainly uses the following qualitative research methods:

Desktop review: Study and synthesize theoretical issues related to logistics infrastructure, thereby summarizing scientific arguments on port logistics infrastructure development.

Expert assessment: Conduct in-depth interview to explore, identify, and adjust factors affecting the development of port logistics infrastructure in Ba Ria-Vung Tau Province.

Descriptive statistics: Collect, compile, and analyze secondary data related to logistics infrastructure for analysis and evaluation of current situation.

Quantitative research methods

Formal quantitative research is conducted through survey questionnaires. Information collected from survey questionnaires is processed using SPSS 20.0 software. Scale reliability is measured by Cronbach's Alpha and exploratory factor analysis (EFA). Confirmatory factor analysis (CFA) and structural equation modeling (SEM) will then be conducted using AMOS 20.0 software to analyze the efficacy of constructed model.

Data used in quantitative research are collected using direct survey questionnaire with the sample size of 760 samples (convenience sampling is adopted).

4. Scientific foundation and practical significance of the thesis

4.1. Scientific foundation of the thesis

The thesis has systematized and clarified the theoretical foundation for developing logistics infrastructure. Identify factors affecting the development of port logistics infrastructure.

4.2. Practical significance of the thesis

The thesis has synthesized, analyzed and evaluated the current situation of logistics infrastructure in Ba Ria-Vung Tau Province. Based on scientific arguments, the author has put together a system of relevant solutions for development of port logistics infrastructure in Ba Ria-Vung Tau Province to 2030.

5. Structure of the thesis

In addition to the introduction, conclusion, references, and appendices, the thesis consists of 5 chapters:

Chapter 1: Literature review of research on logistics infrastructure development

Chapter 2: Theoretical foundation for port logistics infrastructure development

Chapter 3: Research design and methodology of factors affecting the Ba Ria - Vung Tau port logistics infrastructure.

Chapter 4: Testing factors and evaluating the current picture of port logistics infrastructure development in Ba Ria - Vung Tau province

Chapter 5: Orientations and solutions for development of port logistics infrastructure in Ba Ria-Vung Tau Province to 2030.

Ho Chi Minh City, July 14th, 2024

Supervisors	**Ph.D candidate**
Assoc. Prof. Dr. Tran Quang Phu	Nguyễn Văn Tùng