

DOCTORAL DISSERTATION INFORMATION

Ph.D Candidate: **VUONG TOAN THU THUY**

Dissertation title: the ports of Haiphong's influence on the economic development of Haiphong city.

Major: Transport organization and management

Major ID: 9840103

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SUMMARY OF THE DISSERTATION

1. The purposes and objects of research

The purposes of research: systematizing theory base of seaport and cities' economic development and their connection; after accessing the current situation of ports of Haiphong and Haiphong city's economic development through basic economic targets, the dissertation analyzes the relationship of these two objects through two methods which are statistic and mathematical model. These are basis for suggesting effective solutions to advance ports of Haiphong in relation with Haiphong city's economic development.

The objects of research: The research objects are the economic situation of ports of Haiphong and Haiphong city and their relationship.

2. Methods

The dissertation utilizes two methods which are statistic and mathematical model. The model whose variables are followed over 29 years in the period of 1990 and 2018 with secondary data, is applied by EVIEWS, 9.0 version.

3. Major results and conclusions

Firstly, the paper analyzes general theories of seaport and cities' economic development and suggests two methods to evaluate their relationship.

Secondly, the paper evaluates ports of Haiphong development process which has an increasing trend excluding profit before tax over invested capital,

and economic development process of Haiphong city which has gained a high growth excluding ICOR and domestic receipt over invested capital.

Thirdly, the paper researches an impact of ports of Haiphong on economic development of Haiphong city according to two methods. The statistic method, basing absolute and directed numbers showing that the relationship between GRDP and cargo throughput, GRDP and revenue, GRDP and invested capital of the ports of Haiphong; between domestic receipt gross and cargo throughput, revenue and invested capital of the ports of Haiphong are in direct proportion and increasing.

In addition, mathematical model method indicates an effective model, being $LGRDP_t = 24,089484 + 0,104135 * D(LINV_{t-2}) + 0,304217 * D(LQ_t) + 1,867592 * LQ_t$. It reality can be used to explain a variation of Haiphong city 's GRDP by cargo throughput and invested capital of the ports of Haiphong which are a foundation to suggest solutions to develop Haiphong city's economy.

Lastly, on the basis of analyzing developing goals and strategies of the ports of Haiphong and Haiphong city, the paper promotes two solution groups which developing ports of Haiphong in a relation with Haiphong city's economic development.

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