

Record of Doctoral Dissertation Screening

Graduate School of Asia Pacific Studies

*If possible please fill out this form in both English and Japanese.

Name/ DOB / Nationality	WANG Baixun	11/18/1980	China
Last Institution Attended	September, 2015 Graduate School of Asia Pacific Studies Ritsumeikan Asia Pacific University Doctoral Program Completed		
Degree Type	Doctor of Philosophy in Asia Pacific Studies	Date of Award	September 20, 2015
Requirements for Degree Conferral	Persons who comply to the Ritsumeikan Asia Pacific University Degree Regulations Article 13 Section 1	Degree Regulation Article 4 Section 1	
Title of Dissertation (Eng./Jap.)	The Rise of International Logistics in East Asia: Focusing on Maritime Transportation 東アジアにおける国際ロジスティックスの勃興：海運に関する研究		
Examiners (Affiliation)	(Supervisor)1. WANG Mariner	2. SUZUKI Yasushi	
	3. MATSUO Toshihiko (Osaka University of Commerce)	4.	
Summary of Dissertation Contents	<p>The dissertation consists of six chapters. Chapter I summarizes the structure of the dissertation, Chapter VI concludes by discussion the findings and pending issues and the main contents for remaining four chapters are as follows.</p> <p>The study firstly explores the factors that contributed to the rise of container transportation in the 1980s and the increase of container tonnages from the 1980s to 2013 in East Asia, especially China. The descriptive and correlative analyses are applied to the study. In particular, it focuses on the impact of ODA and FDI on China.</p> <p>Secondly, the study discusses the performance of shipping lines in the development of global shipping alliances from mid-1990s and current shipping network in East Asia. The descriptive analysis regarding the current shipping network in Asia/ North America and Asia/ Europe trade lane also has been done.</p> <p>Thirdly, the study takes the development of Port of Dalian, China from 2003 to 2013 as the case study of container port in East Asia. The average growth rate of container throughput of the port was 18.21% from 2001 to 2014, which is the highest index in East Asia during the same period. Thus, the port is selected as the case study. The study tries to find how the port developed and the pending issues during the expansion period. Moreover, a model based on <i>triple exponential smoothing</i>, a mathematical method can be applied to forecast the future tendency of economic data, was developed to forecast container throughput spanning from 2015 to 2017 of major seaports (Hong Kong, Yokohama, Kaohsiung, Dalian and Busan, etc.) in East Asia.</p> <p>The fourth section examines the expansion of Sino-Taiwan trade and realization of direct shipping between China and Taiwan. The ratio of trade amount that Taiwan against China between 1990 and 2014 accorded with sigmoid, which indicates the tendency follow the logistic function, a model which can be applied to economic and statistical issues. Thus, the function is applied to forecast the ratio of trade amount that Taiwan against China from 2015 to 2020.</p>		

<p style="text-align: center;">Summary of Dissertation Screening Results</p>	<p>The dissertation screening was conducted successfully. The Oral Defense took two hours to finish the screening based on the dissertation submitted by the Ph.D. candidate Mr. Wang Baixun.</p> <p>Professor Matsuo raised a question regarding the Logistic Model Analysis applied on the forecast of Sino-Taiwan Trade (Chapter 5) and Mr. Wang concisely explained it and the answer was agreeably accepted.</p> <p>Professor Suzuki raised questions pertaining to the possibility of an increase of Sino-Taiwan Trade in the future.</p> <p>Professor Wang raised questions regarding the motivation in writing the dissertation and the structure of the main body as well as why Mr. Wang chose Dalian Port as the case study instead of the Port of Hong Kong from the point view of port development and management.</p> <p>In addition, as the final question, Professor Wang raised the question pertaining to the possibility of Dalian Port becoming the hub port in Northeast Asia competing with the Port of Pusan, Korea.</p> <p>Based on the questions raised above, Mr. Wang defended his dissertation logically and reasonably.</p>
<p style="text-align: center;">Summary of Examination Results or confirmation of Academic Skills</p>	<p>The dissertation is well written in terms of the contents and efforts which Mr. Wang has put into it. Mr. Wang supports the dissertation not only by consulting many relevant references but also applies mathematic approaches certifying the results of his findings.</p> <p>We can see that Mr. Wang spent substantial energy in finishing the dissertation. It is a good dissertation and a pass was agreed unanimously by all the examiners.</p>