

Information on Doctoral Thesis of Fellows Tran Thi Tuyet

1. Full name: **Tran Thi Tuyet**

2. Sex: Female

3. Date of birth: 10/10/1978

4. Place of birth: Bac Giang

5. Admission decision number: Decision 3614/QĐ-SĐH, dated 22/10/2009 by the President of Vietnam National University, Hanoi

6. Changes in academic process: Decision 3139/QĐ-SĐH, dated 21/8/2012 on supplement supervisors by the Rector of VNU University of Science

7. Official thesis title: *“Geographical basis for organizing space of economic development and environmental protection in Mong Cai bordergate city, Quang Ninh province”*

8. Major: Management of Resources and Environment

9. Code: 62 85 01 01

10. Supervisors: Prof.Dr. Nguyen Cao Huan, Assoc.Prof.Dr. Nguyen Ngoc Khanh

11. Summary of the new findings of the thesis

- It has clarified the basis of geographical under approach of landscape (the focus) and socio-economic geography to solve the tasks and contents of the thesis.

- It has determined features and characteristics in landscape differentiation in Mong Cai city. There are 02 kinds of landscape, 03 classes of landscape, 06 sub-classes of landscape and 40 types of landscape belonging to 4 subregions of landscape. Landscape - type level is basic unit for evaluating and analysing landscape potential for adaptation of agriculture, forestry, aquaculture and development of bordergate urban. Landscape - subregion level is basic unit for space orientation of economic development and environmental protection.

- By method of ecological adaptation evaluation, thesis has been determined potentials of ecology and space of landscape types for development purposes: (1) Agriculture: water rice trees and irrigated crops, non- irrigated crops; (2) Forestry: protective forest, productive forest and analysing appropriate level for developing aquaculture, tourism and border gate urban.

- Synthesis of spatial and ecological potential evaluation results of landscapes and analysis results of socio-economic conditions, environmental issues, natural disasters and related development plans, the thesis has proposed spatial orientation framework of economic development, resource use and environmental protection in fields of agriculture, forestry, aquaculture, sea tourism and border gate urban,

including: 04 function sub-regions with development pole, development priority spaces and route – corridor linking, namely:

(1) 01 development pole of border gate urban

(2) 13 development priority spaces

(3) link routes: 04 external link routes (02 link routes on the mainland and 02 link routes on the sea) and internal link routes.

12. Paratical applicability, if any:

The findings suggest methodological of spatial organization of economic development and environmental protection in agriculture, tourism, urban development and urban gate, especially confirmed scientific and aggregated in establishing the basis of geography under approach of landscape and economic geography, on that basis, open up possibilities for practical applications.

13. Further research directions, if any:

Studying spatial organization of economic development and environmental protection for the territory of the district level or equivalent

14. Thesis-related publications:

[1] Tran Thi Tuyet (2010), "Potential of tourism development in Mong Cai border city, Quang Ninh province", *Journal of Sustainable Development Research*, 4 (29) 12/2010, ISSN 1859-1604, pp.32-39.

[2] Tran Thi Tuyet (2011), "Environmental issues in Viet-Trung bordergate economic zones ", *Journal of Sustainable Development Research*, 1 (30) , ISSN 1859-1604, pp.38-43.

[3] Tran Thi Tuyet(2011), "Pollution of marine environment – the challenge for economic development in Vietnam, Proceedings of the Vth National Conference on Marine Science and Technology, publishers of Natural Sciences and Technology.

[4] Tran Thi Tuyet(2012), "Mong Cai border economy: opportunities and challenges on the path of integration and development", *Journal of Sustainable Development Research*, 3 (36), ISSN 1859-1604, pp.23-28.

[5] Tran Thi Tuyet, Mai Hai Linh, Dang Thanh Trung (2012), "Inter-regional cooperation for environmental protection at the Viet-Trung bordergate economic zones ", *Journal of Sustainable Development Research*, 4 (37), ISSN 1859-1604, pp.35-39.

[6] Tran Thi Tuyet (2013), "Partitioning environmental function for Mong Cai territory management ", *Journal of Human Geography Research*, 1, ISSN 1859-1604, pp.12-17.