

Information on Doctoral Thesis of Fellows Nguyen Thi Huyen

1. Full name: **Nguyen Thi Huyen**

2. Sex: Female

3. Date of birth: 24th September, 1974

4. Place of birth: Thua Thien Hue

5. Admission decision number: 1691/QĐ-SĐH signed on 7th May, 2009 by President of Hanoi National University.

6. Changes in academic process: Change the name of the subject (admission decision number 76/QĐ-SĐH -TN signed on 19th March, 2010 by Principal of the University of Natural Sciences).

7. Official thesis title: *“Researching and assessing landscape for using area of Lai Giang river basin reasonably”*

8. Major: Natural Geography

9. Code: 62 44 02 17

10. Supervisors: Prof. Dr. Truong Quang Hai and Dr. Luong Thi Van

11. Summary of the new findings of the thesis:

- Clarifying the natural characteristics and differentiation of the territory and creating the landscape map of Lai Giang river basin with rate 1:5000.

- Applying successfully and scientifically the integrated basin analysis (through watershed protection classification) with assessing and analysing landscape for serving the reasonable using orientation of Lai Giang river basin by appropriate research methodologies and techniques.

12. Paratical applicability, if any:

The results, recommendations, and solutions are presented in this study provide reliable documents for managers, local authorities in planning task, territorial organization, and suitable plan for natural resource exploitation, as well as environmental protection, improving the living quality of local citizens at the districts along Lai Giang river basin.

13. Further research directions, if any:

Studying the changes of landscape on accordance with the period of time, natural hazards such as floods, riverbank erosion, etc. in order to use area, protect water, soil, forests and minimize the

damages caused by natural disasters, toward natural resources' integrated management of the river basin.

14. Thesis-related publications:

[1]. Nguyen Thi Huyen, Nguyen Minh Nguyet (2010), "Influence of natural conditions on flood formation of Lai Giang river basin", *Journal of Science of Quy Nhon University*, 4(1), pp. 109 – 119

[2]. Nguyen Thi Huyen (2010), "Existing situation and measures to prevent flooding disasters, landslides at Lai Giang river basin", *Proceedings of the 5th National Scientific Conference on Geography, Ha Noi - Jun 2010*, Publishing House of Natural Science and Technology, pp. 859 – 866

[3]. Phan Thai Le, Luong Thi Van, Nguyen Thi Huyen (2010), "Water resource problems in Binhdin province", *Proceedings of the 5th National Scientific Conference on Geography, Ha Noi - Jun 2010*, Publishing House of Natural Science and Technology, pp. 545 -554.

[4]. Nguyen Thi Huyen (2010), "Assessing the impact of socio-economic activities of local residents on natural resources and environment recession at Laigiang river basin", *Scientific conference Geography - Cadastral*, University of Natural Sciences, Ha Noi National University, pp.160 – 168

[5]. Nguyen Thi Huyen (2011), "Study of the current situation of watershed protected forests at Laigiang River Basin and some protection solutions" *Journal of Science of Ha Noi National University*, Natural Sciences and Technology, 27(4S), pp. 83- 89.

[6]. Luong Thi Van, Nguyen Thi Huyen (2012), "Approach method in research and landscape assessment for serving reasonable use of Lai Giang river basin", *Proceedings of the 6th National Scientific Conference on Geography*, Hue - September 2012, Publishing House of Natural Science and Technology, pp. 100 – 108

[7]. Nguyen Thi Huyen (2013), "Analysing the landscape diversity for agro–forestry development orientation at Lai Giang river basin". *Proceedings of the 7th National Scientific Conference on Geography*, Thai Nguyen, Publishing House of Thai Nguyen University, pp. 229 - 305.