**INFORMATION ON DOCTORAL THESIS**

1. Full name: Nguyen Van Hieu

2. Sex: Male

3. Date of birth: 10/09/1979

4. Place of birth: Đong Vinh commune, Đong Hung district, Thai Binh province

5. Admission decision of President of Vietnam National University, Ha Noi number 3211/QĐ-SĐH, dated 8/11/2010.

6. Changes in academic process:

Admission number 113/QĐ-ĐHQGHN, dated 16/1/2017, President of Vietnam National University, Ha Noi on dealing with the out of study time PhD student.

7. Official thesis title: **Researching impacts of land use change on water resources sustainable use and management in Cong river basin.**

8. Major: Environment and Sustainable Development.

9. Code: Pilot training program

10. Supervisors:

1. Dr. Vo Thanh Son;

2. Assoc. Prof. Pham Van Cu

11. Summary of the new findings of the thesis:

Clarified impacts of land use change on water resources, impacts specificlly on water use demands and water pollution loads in Cong river basin, on spatial and temporal scales.

Built a land and water resources intergated management information system, this system will be a consultant tool for local governments, organizations and people in land use planning, sustainalbe water use and management, water environment protection in Cong river basin.

12. Practical applicability:

Research results of the thesis have assessed land use change developments and trends, water use denmands and water environment pollution loads, current status of water resources management, and built a water and land resources integrated management information system. These results may be used as efficient references, consultant tools for decisioning in sustainable water and land resources management activities in Cong river basin.

13. Further research directions:

From scientific and practical foundations of impacts of land use changes to water resources in Cong river basins, these may open an in-depth research direction for building a water balance system, water use allocation system, water quality environment mornitoring and protection system based on land use in other river basins.

14. Thesis-related publications:

1. Ha Van Thuan, **Nguyen Van Hieu**, Nguyen The Hung, Nguyen Ngoc Anh (2012), “ The research applying landsat satellite image and GIS tool to assess the change in forest land area”, *The* *Journal of Agriculture and Rural Development,*Thematic science and technology of mountainous agriculture and forestry, March 2012, ISSN 0866-7020, Page. 165-168.
2. **Nguyen Van Hieu** (2012), “Using spatial materials and GIS & SWAT tools in delineation of the Cong river sub-basin - Thai Nguyen province”, *Scientific seminars of technical universities about the sustainable development of Socio-economy in Quang Ninh province*, 41st report, Agricultural publishing house, Page. 151 – 155.
3. **Nguyen Van Hieu**  (2015), “Assessment of surface water quality of Cong river basin in Thai Nguyen province by WQI index and Arcgis software”,*The* *Journal of Science and Technology*, Thai Nguyen university, Episode 132, No. 02, ISSN 1859-2171, page. 195 - 200.
4. **Nguyen Van Hieu**  (2018), “Using spatial analysis method to evaluate the land use change in Cong river basin,Thai Nguyen province”, *The Journal of Agriculture and Rural Development,*thematic of sustainable agricultural development in the midland and northern mountainous areas, November 2018, ISSN 1859 – 4581, Page. 253 – 259.
5. **Nguyen Van Hieu**  (2019), “Rapid assessment of environmental pollution load on the basis of land use in Cong river basin, Thai Nguyen province”, *The Journal of Theory, Politics, Science and Profession of Natural Resources & Environment ministry*, No 6(308), March 2019, ISSN 1859 – 1477, Page. 16-18.