

Information on Doctoral thesis of Fellows Ngo Van Gioi

1. Full name: Ngo Van Gioi
2. Gender: Male
3. Date of birth: September 4th, 1980
4. Place of birth: Hai Duong
5. Admission decision number: No. 2385/SDH, Dated: June 29st, 2007 by President of Vietnam National University, HN
6. The changes in academic process: Adjusted title of the thesis according to Number of decision 1147/QD-SDH-TN, Dated: December 31st, 2010 of Rector of Hanoi University of Science.
7. Official thesis title: Building the set of indicators to assess the sustainability of agricultural land use in resettlement areas in Son La province.
8. Major: Soil and Water Environment
9. Code: 62850205
10. Supervisors: 1. Assoc. Prof. Dr Nguyen Xuan Cu
2. Assoc. Prof. Dr Luong Thi Hong Van
11. Summary of the new findings of thesis:
 - Supplementing theoretical and practical basis to build the set of soil quality assessing indicators in Vietnam in general and in rural and mountainous areas in particular.
 - Clarifying characteristics and properties of the sloping land in relationship with the process of land use in resettlement areas in Son La province.
 - Providing scientific basis for the sustainable use of agricultural land in Vietnam northern mountain areas in general and Son La province in particular.
 - Contributing to the development of the scientific basis for establishing the set of indicators assessing the sustainability of land use in particular and the environment in general in Vietnam.
 - In Vietnam, it's been the first research on building the set of indicators for assessing the sustainability of agricultural land use and applied it to estimate the sustainability of agricultural land use in resettlement areas in Son La province.
 - The thesis make a contribution to orientation, promoting and finding the solutions for sustainable development of resettlement communities and specially in management and sustainable soil resource use.

The results of thesis provide reference basis for making decision and adjusting resettlement policies in accordance with the actual conditions.

12. Practical applicability

- The set of agricultural land use sustainability indicators (ASI) are adopted in resettlement areas in Son La province, and it can be applied for other equivalent conditional regions.
- The proposed solutions are applied, which enhances the sustainability of agricultural land use in study areas and other equivalent conditional regions.

13. Further research directions:

- This research need continuing to develop.
- Disseminating the set of indicators in broader scales.

14. Thesis-related publications:

1. Nguyen Xuan Cu, Ngo Van Gioi (2006), "The present status and solutions to improve the sustainability of Tien Son and Na Nhung resettlements in Son La", *VNU, Journal of Science, Nat., Sci., & Tech* Vol.XXII(3B), pp.6-14.
2. Nguyen Xuan Cu, Ngo Van Gioi (2007), "The limitation factors for agriculture production on slopping land in Son La and the solutions", *VAST, Journal of Soil Sciences* Vol.29(4), pp.355-359.
3. Ngo Van Gioi, Nguyen Thi Nham Tuat (2008), "State of use and pesticide residues in agricultural land in some areas in Son La province", *The 8th IST ASIA Pacific meeting*, Vietnam, pp.164.
4. Ngo Van Gioi, Nguyen Thi Nham Tuat, Duong Thi Bich Hong (2010), "Research on indicators to assess ability sustainable for land resource in some resettle areas in Mai Son district Son La province" *TNU, Journal of Science and Technology*, Vol.64(2), pp.58-62.
5. Ngo Van Gioi, Luong Thi Hong Van (2011), "State and some solutions to manage and resources land use sustainability in Son la province", *VASS, Journal of Sustainable development review* Vol.31(2), pp.25-31.
6. Ngo Van Gioi, Nguyen Xuan Cu, Nguyen Thi Nham Tuat (2011), "Developing a set of indicators to evaluate the sustainability of soil environment - A case study in Tan Lap resttlement area in Moc chau district, Son La province", *Journal of Vietnam Soil Science* (38), pp.115-119.
7. Ngo Van Gioi, Nguyen Thi Nham Tuat (2012), *Indicators to measure sustainability of soil environment-a case study in MuongBu resettlement area in MuongLa district, SonLa province*, Актуальные проблемы гуманитарных и естественных наук, Февраль, НАУКИ О ЗЕМЛЕ , Номер выпуска 6 (42), Страницы 309-315.

8. Ngo Van Gioi, Ninh Van Quy, Tran Thi Ngoc Ha (2012), "Variation of content of some available nutrients in agricultural land in resettlement area Muong Bu, Muong La district, Son La provience", *TNU, Journal of Science and Technolog* Vol.96(8), pp.237-241.