

Information on Doctoral Thesis of Fellows Kim Thi Thuy Ngoc

Official thesis title: ***Theoretical and Practical Study on Mainstreaming of Ecosystem Services in to Wetland Management and Conservation in Viet Nam***

1. Full name: Kim Thi Thuy Ngoc
2. Sex: Female
3. Date of birth: 10th November 1973
4. Place of birth: Ha Noi
5. Admission decision of Director of Vietnam National University, number 3678/QĐ-ĐT dated 28th October 2009
6. Changes in academic process: No
7. Official thesis title: Theoretical and Practical Study on Mainstreaming of Ecosystem Services in to Wetland Management and Conservation in Viet Nam.
8. Major: Environment and Sustainable Development
9. Code: Pilot
10. Supervisors: Ass.Prof. Dr. Nguyen The Chinh and Dr. Hoang Van Thang
11. Summary of the new findings of the thesis:
 - The thesis has studied theoretical base of mainstreaming of wetland ecosystem services, the approaches and tools to support mainstreaming processes of ecosystem services in to wetland management and conservation in Viet Nam.
 - The thesis has applied different approaches such as qualitative and quantitative analysis, spatial analysis and ecosystem service valuation to support mainstreaming of mangrove ecosystem services in number of provincial policies in Ca Mau (i.e. land use planning, payment for ecosystem services, investment policy for mangrove).
 - The thesis has proposed approach and specific steps to mainstream ecosystem services in to wetland management and conservation in Viet Nam
12. Practical applicability

The results of the thesis are valuable reference for policy makers at national and provincial level to mainstreaming of ecosystem services in to wetland management and conservation, contributing to sustainable management and utilization of wetland ecosystem and ecosystem services

13. Further research directions

- The results of the thesis will support mainstreaming processes of ecosystem services in Viet Nam. However, pilot study was only applied in mangrove ecosystem which are one of most popular wetland in Viet Nam. Further application of the approach to other wetland types is needed to replicate results of the study.
- Application of spatial analysis to evaluate different development scenarios in the future is recommended to evaluate and select the appropriate management options for wetland management and conservation in Viet Nam.

14. Thesis-related publications

- Kim Thi Thuy Ngoc (2011), "Mainstreaming of wetland ecosystem services in to development planning: approaches and methodology", *National Scientific Conference on Wetland and Climate Change*, Center for Natural Resources and Environmental Studies, Viet Nam National University, Ha Noi, Science and Technology Publisher, pp. 215 – 231.
- Kim Thi Thuy Ngoc (2012), "Mainstreaming of ecosystem-based adaptation in to climate change policies and strategies", *National Scientific Conference on Enhancing Climate Change Resilience*. Center for Natural Resources and Environmental Studies, Viet Nam National University, Ha Long, Science and Technology Publisher, pp. 113 – 127.
- Kim Thi Thuy Ngoc (2012), "Mainstreaming of Wetland Ecosystem Services in Policy Planning Process-Case of Viet Nam". *International Conference on Greater Mekong Subregion (GMS) 2020: Balancing Economic Growth and Environmental Sustainability*. Asian Development Bank (ADB), pp. 312-320.
- Kim Thi Thuy Ngoc (2013), "Mainstreaming ecosystem-based adaptation in to climate change", *Journal of Natural Resources and Environment*, (5), pp. 31-32
- Kim Thi Thuy Ngoc and Tran Trung Kien (2013), "Initial Results of spatial analysis of mangrove ecosystem services in Ca Mau", *Journal of Environment* (12), pp. 61 - 64
- Kim Thi Thuy Ngoc and Nguyen Van Tai (2013), "Mainstreaming of ecosystem services in decision making process: approaches and methodology for Ca Mau". *The 5th Forum in Conserving Natural and Cultural Values for Sustainable Development in the Mekong Delta Region*. World Wide Fund, Ca Mau, Labor and Social Publisher, pp. 177-187.
- Kim Thi Thuy Ngoc (2014), "Mainstreaming of ecosystem services in to wetland management and conservation in Viet Nam", *Journal of Environment*, (6), pp.24 - 25
- Kim Thi Thuy Ngoc (2014), "Role of Natural Capital in Implementation of Green Growth Objectives", *Journal of Environment*, (9), pp. 48-49.