



PERSONAL INFORMATION

**Assoc.Prof. TRAN TRONG PHUONG (Ph.D)**

Department of Geodesy and Cartography, Faculty of Natural Resources and Environment, Vietnam National University of Agriculture (VNUA), Gia Lam district, Ha Noi city, 10,000, Vietnam

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Skype:

Sex Male | Date of birth 13/11/1973 | Nationality Vietnamese

CURRICULUM VITAE

WORK EXPERIENCE

June 2021 - Present: Dean

Faculty of Natural Resources and Environment, VNUA, Hanoi, Vietnam

April 2012 - May 2021: Vice Dean

Faculty of Land Management, VNUA, Hanoi, Vietnam.

Main duties: (a) Lecture on cartography, modelling land use planning and management, Environmental Impact Assessment (b) Conducting research on effect of urbanization to agricultural land use in the orientation of ecological urban agriculture, pre-urban agriculture; land management and use for socio-economic development; application of information technology on land use planning and management; and (c) Management duties for Faculty of Natural Resources and Environment and Dept. of Geodesy and Cartography.

October 2013 - Present: Head

Dept.of. Geodesy and Cartography, Faculty of Land Management, VNUA, Hanoi, Vietnam.

October 2010 - April 2012: Deputy Director

Center of Technological Science for Natural Resources and Environment, Vietnam National University of Agriculture, Vietnam.

October 2007 - April 2012: Deputy Head

Dept.of. Geodesy and Cartography, Faculty of Land Management, VNUA, Hanoi, Vietnam.

October 1996 - October 2007: Lecturer

Dept. of. Land Information, Faculty of Land Management, VNUA, Hanoi, Vietnam.

EDUCATION AND TRAINING

University Degree**PhD. 2012. Land Management**

Vietnam National University of Agriculture (VNUA), Hanoi, Vietnam

Title of Dissertation: "*Impacts of development of ecological urban agriculture in Haiphong City*"

MSc. 2001. Land Management

Vietnam National University of Agriculture (VNUA), Hanoi, Vietnam

Title of thesis: "*Assessment of Agro-Forest Land Use Efficiency after Implementing Land Allocation in Ky Son district, Hoa Binh province*"

BSc. 1996. Land Management

Vietnam National University of Agriculture, Vietnam

Title of thesis: "*Application of AUTOCAD software in building land use planning in Nam Dinh city*".

**Other Trainings****28th June - 20th July 2019. Visiting Researcher**

UCLouvain, Belgium

Main duties: Discussion for Academic and Research Collaboration between VNUA and UCLouvain

23rd June - 12th July 2017. Resource Person

Kyushu University, Japan

Main duties: Workshop and Collaboration on Agricultural Production Models Under impacts of Urbanization in Hanoi, Vietnam and Fukuoka, Japan.

1st - 9th November 2015. Visiting Researcher and Conferences

Kyushu University, Japan

Main duties: Workshop, Effective Land, Water Use in Agriculture and Protection of Rural Environment in Japan and Vietnam.

28st March- 7th April 2013. Visiting Researcher

Kyushu University, Japan

Main duties: Impacts of Land use changes on the Soil and Water quality and Rural Environment in Japan.

1st Oct - 22th December, 2009: Research Fellow

University of Warmia and Mazury in Olsztyn. Poland

Main duties: Urban Planning, RS, Cartography.

PERSONAL SKILLS

Mother tongue(s) Vietnamese

Other language(s)

English
Communication skills

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B2
Communication skills	good communication skills gained through my experience as a lecturer and project leader				

Organisational / managerial skills

Leadership

Job-related skills

good command of Urban Land Use Planning, Agricultural Land Use Adaptation, Climate change and Land Use

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent	Independent	Independent	Independent	Independent

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

good command of office suite (word processor, spread sheet, presentation software)

ADDITIONAL INFORMATION

A. Publications

1. **Tran Trong Phuong**, Ngo Thanh Son, Tran Van Khai, Nguyen Khac Viet Ba, 2021. Assessment the status of Agricultural land use and Management for Land use planning of Dien Chau district, Nghe An province, Science and Technology Journal of Agriculture and Rural Development, No5 (3/2021). ISSN 1859-4581
2. Tran Van Khai, **Tran Trong Phuong**, Nguyen Thi Ngoc Lanh, 2020, Impacts of some factors on Land fund development for Infrastructure construction and Urban Development in Pleiku City, Gia Lai province, Vietnam Agricultural Science Journal (VNUA), ISSN 1859-0004, Volume 18, No.12, 2020, pp. 1160-1171



3. Tran Van Khai, **Tran Trong Phuong**, 2020. Solutions to complete the development of Land funds to attract Investment for Infrastructure construction and Urban Development in Pleiku City, Gia Lai province, Journal of Vietnam Agricultural Science and technology, ISSN 1859-1558, No8, 2020
4. **Tran Trong Phuong**, Nguyen Thi Thu Hien, Nguyen Duc Loc, Doan Thanh Thuy, Nguyen Khac Nang, Nguyen Quoc Chinh, 2020. Assessment of the Implementation of Land user's rights in Viet Tri city, Phu Pho Province. VietNam soil science, ISSN: 2525-2216, No.60/2020.
5. Doan Thanh Thuy, **Tran Trong Phuong**, Nguyen Khac Viet Ba, 2020. Applying landsat 8 data to Evaluate droughts in Loc Ha district, Ha Tinh province, Science and Technology Journal of Agriculture and Rural Development, No5 (5/2020). ISSN 1859-4581.
6. Tran Van Khai, **Tran Trong Phuong**, 2020. Assessment of Land use management during the process of building infrastructure and Developing urban area in Pleiku city, Gialai province, Science and Technology Journal of Agriculture and Rural Development, No2 (2/2020). ISSN 1859-4581.
7. **Tran Trong Phuong**, Ta Thi Phuong Lien, Doan Thanh Thuy, Do Van Nha, Nguyen Duc Loc, Nguyen Thi Thu Hien, Mai Minh Huyen, 2019. Assessment of land allocation, Land lease in Ninh Binh city, Ninh Binh province, Science and Technology Journal of Agriculture and Rural Development, No20 (12/2019). ISSN 1859-4581
8. Thanh Noi Phan, Martin Kappas, Khac Thoi Nguyen, **Trong Phuong Tran**, Quoc Vinh Tran & Ammar Rafiei Emam, 2019. Evaluation of MODIS land surface temperature products for daily air surface temperature estimation in northwest Vietnam, **ISI, IF: 1.782**, International Journal of Remote Sensing, Volume 40, Issue 14 2019, DOI:10.1080/01431161.2019.1580789. Taylor & Francis, pp 5544-5562
9. **Tran Trong Phuong**, Ngo Thanh Son, Pham Bich Tuan, Nguyen Dinh Trung, Hoang Ha, 2019, Impact of urbanization on farm households' agricultural production, economic and labour in Tu Son district, Bac Ninh province, Journal of Vietnam Agricultural Science and technology (Vietnam Academy of Agricultural Sciences), ISSN 1859-1558, pp 66-75
10. **Tran Trong Phuong**, Nguyen Thi Lan Phuong, Tran Van Khai, 2019, Development policy for urban and peri-urban agriculture in the Hanoi's urbanization process, Proceedings of ICACE, 2019. International conference. Pp 150-160
11. **Tran Trong Phuong**, Ngo Thanh Son, Nguyen Duc Loc, Nguyen Quang Tai, 2019, Assessing results of implementation of planning for renewing rural area in Soc Son district, Hanoi province, Journal of Vietnam Agricultural Science and technology (Vietnam Academy of Agricultural Sciences), ISSN 1859-1558, Volume 3 (100), pp 63-72.
12. Nguyen Dac Nhan, Nguyen Tien Cuong, **Tran Trong Phuong**, 2019, Current situation and propose of efficiency evaluation criteria of the planning of land use planning, Science and Technology Journal of Agriculture and Rural Development, No 5 (2019). ISSN 1859-4581, pp 123-132
13. Truong Quang Ngan, Nguyen Khac Thoi, **Tran Trong Phuong**, 2019, Assessment of Land Use Management during construction and development area in Southeast Nghe An, Science and Technology Journal of Agriculture and Rural Development, No 3+4 (2019). ISSN 1859-4581, pp 301-309
14. **Tran Trong Phuong**, Ho Thi Lam Tra, Trinh Minh Thuy, Nguyen Thi Thu Hien, Nguyen Khac Nang, 2019, No 7 (2019), Solution of efficient improvement of working registration of security transaction by land use right, house's proprietary rights and other assets associated with land in Ung Hoa district, Ha Noi city, pp 120-129. Science and Technology Journal of Agriculture and Rural Development, ISSN 1859-4581.
15. Tran Van Khai, **Tran Trong Phuong**, Do Van Nha, Nguyen Duc Loc, Nguyen Thu Huong, 2019. Assessment of the implementation of Land user's rights in Pleiku City, Gia Lai province, No 1 (2019), pp 135-145. Science and Technology Journal of Agriculture and Rural Development, ISSN 1859-4581.
16. Nguyen Khac Nang, Nguyen Duc Loc, **Tran Trong Phuong**, 2019. Three-dimensional Modelling by Volunteered Geographic Information Data, Vietnam J. Agri. Sci. 2018, Vol. 16, No. 11: pp 1017-1023
17. Pham Quy Giang, **Tran Trong Phuong**, 2018. Evaluation of Loss of Rice Production due to Climate Change Reinforced Flood in Vietnam Using Hydrological Model and GIS. Environment Asia. 11(3). pp 65-78. DOI 10.14456/ea.2017.38.
18. Thanh Noi Phan, Martin Kappas, **Trong Phuong Tran**, 2018. Land Surface Temperature Variation Due to Changes in Elevation in Northwest Vietnam, Climate, volume 6, issue 2, Climate 2018, 6(2), 28; <https://doi.org/10.3390/cli6020028>, mdpi, Open Access Journals.
19. Nguyen Duc Loc, **Tran Trong Phuong**, 2018. Building online campus map of Vietnam National University of Agriculture, Science and Technology Journal of Agriculture and Rural Development, No 10 (2018). ISSN 1859-4581. pp 33-38.
20. Do Thi Tam, **Tran Trong Phuong**, 2018. Study on effects of land use planning to land prices in Ho Sen-Cau Rao 2, urban project, Hai Phong city, No 51, Science and Technology Journal of Agriculture and Rural Development, ISSN 1859-4581, pp 123-129



21. **Tran Trong Phuong**, Nguyen Van Phan, 2018. Efficiency of Agricultural Production Models in Suburban towards Urban Agriculture in Hoai Duc District, Hanoi City, *Journal of Vietnam Agricultural Science and technology*, ISSN 1859-1558, No. 2 (75), 2017 pp. 52-57.
22. **Tran Trong Phuong**, Ngo Thanh Son, 2017. Land Use Change and Its Interactions with Soil, Water Resources, and Rural Livelihoods in Hoa Binh province. *Vietnam Agricultural Science Journal (VNUA)*, ISSN 1859-0004, Volume 15, No. 3, 2017, pp. 349-362.
23. Ngo Thanh Son, **Tran Trong Phuong**, 2017. Research on Effect of Urbanization on Agricultural Production, Livelihoods and Employment of Local People in Quoc Oai District, Ha Noi City in the period of 2011-2015, Term 1, No 9, pp 11-17, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
24. **Tran Trong Phuong**, 2017. Status of land use and management without fee of authorized organizations in Thanh Liem district, Ha Nam Province, No 3 (76), pp 78-83, *Journal of Vietnam Agricultural Science and technology*, ISSN 1859-1558.
25. Hoang Le Huong, **Tran Trong Phuong**, Ngo Thanh Son, 2017. Assessing Correlation between Geography and Land Use Changes in Nam Rom River Basin, Dien Bien province, No 3 (76), pp 71-78, *Journal of Vietnam Agricultural Science and Technology (Vietnam Academy of Agricultural Sciences)*, ISSN 1859-1558.
26. **Tran Trong Phuong**, Tran Van Khai 2017. Development of peri-urban agriculture in the direction of urban eco-urbanization in the process of urbanization in Hanoi city, No 10, pp 23-26, *Natural resources and environment magazine*, ISSN 1859-1477.
27. Nguyen Dinh Trung, **Tran Trong Phuong**, 2017. Applying QH Software in the Integration of Spatial data and Attribute data for the Adjustment of Land Use Planning of KimSon District, Ninh Binh Province, No 5 (78), pp 77-83, *Journal of Vietnam Agricultural Science and technology (Vietnam Academy of Agricultural Sciences)*, ISSN 1859-1558.
28. **Tran Trong Phuong**, 2017. Improvement of Implementation of man's Land use Rights in Hai Duong City, Hai Duong Province, Term 1, No 7, pp 10-16, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
29. Nguyen Duc Loc, **Tran Trong Phuong**, 2017. Building online map for litchi planning area in Thanh Ha District, Hai Duong Province, Term 1, No 11, pp 109-115, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
30. **Tran Trong Phuong**, Vu Quang Hung, 2017. Assessment of Land Management and Use of Economic Organizations on Government Land's Allocation and Lease in Cam Giang District, Hai Duong province, No 3 (76), pp 83-89, *Journal of Vietnam Agricultural Science and technology (Vietnam Academy of Agricultural Sciences)* ISSN 1859-1558.
31. Do Nguyen Hai, **Tran Trong Phuong**, 2017. Land use towards oriented to commodity Agriculture production in My Duc ditrict, Ha Noi city, Term 2, No 8, pp 12-20, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
32. **Tran Trong Phuong**, 2017. Assessing Reality and Implementation of Planning in New Rural Construction in Quang Xuong district, Thanh Hoa province, Term1, No 8, pp 117-123, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
33. Ho Thi Lam Tra, **Tran Trong Phuong**, Mai Thuy Duong, 2017. Affecting factor on land fund creation in Cam Pha city, Quang Ninh province, Term 1, No 11, pp 23-31, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
34. Tran Van Khai, **Tran Trong Phuong**, Dang Tuan Anh, 2017. Assessing the Implementation of Rights of Land Users at My Duc district, Ha Noi City, Term 2, No 10, pp 112-119, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
35. **Tran Trong Phuong**, Do Thi Tam, Chu Viet An, 2017. Assess the results of the implementation of planning for renewing rural area in Tam Nong District, Phu Tho Province, Term 1, No 17, pp 37-44, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
36. Do Thi Tam, Bui Van Duy, **Tran Trong Phuong**, 2017. Study on effects of land use planning to land prices in Ho Sen-Cau Rao 2, urban project, Hai Phong city, No 51, pp 123-129, *VietNam soil science*, ISSN: 2525-2216.
37. **Tran Trong Phuong**, Nguyen Dong Hieu, 2016. Evaluate the effectiveness of agricultural land use and propose some solutions for urban eco-agricultural development in Dan Phuong district, Hanoi. *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581, No. 9/2017.
38. **Tran Trong Phuong**, Nguyen Thanh Tinh, 2016. Solutions to improve the efficiency of land management and utility of organizations, which are allocated land without fee in Thanh Mien district, Hai Duong province, Term 1, No 15, pp 21-28, *Science and Technology Journal of Agriculture and Rural Development*, ISSN 1859-4581.
39. **Tran Trong Phuong**, 2016. Solutions to Enhance Land Use Efficiency of Economic Organizations in Van



Lam District, Hung Yen Province, Term 2, No 10, pp 41-46, Science and Technology Journal of Agriculture and Rural Development, ISSN 1859-4581

40. **Tran Trong Phuong**, 2016. Assessing current allocation, lease, and acquisition land in the period of 2010-2015 in Hoai Duc district, Ha Noi city, Term 2, No 12, pp 3-11, Science and Technology Journal of Agriculture and Rural Development, ISSN 1859-4581
41. Tran Xuan Bien, Nguyen Thi Hong Hanh, **Tran Trong Phuong**, 2016. Situation and orientation for agricultural land use in the context of climate change in Giao Thuy District, Nam Dinh province, No 10/2016 pp 64-70, Science and Technology Journal of Agriculture and Rural Development, ISSN 1859-4581.
42. **Tran Trong Phuong**, Tran Van Khai, 2016. The study on the impacts of urbanization and agricultural land acquisition process on the livelihoods of farmer in Dan Phuong district, Ha Noi city, No 48, pp 28-134, VietNam soil science, ISSN: 2525-2216.
43. **Tran Trong Phuong**, 2016. The impacts of urbanization on labor issuer and employment after the land acquisition for agricultural production in Kim Chung commune, Hoai Duc district, Ha Noi city, No 7, Natural resources and environment magazine, ISSN 1859-1477.
44. Do Thi Thanh Duong, Ngo Thanh Son, **Tran Trong Phuong**, 2015. Policy and Subsidy for Growers in Afforestation and Perennial Crops Project in relation to Local Livelihood, Northwest Vietnam, page 156-161, Proceedings of Workshop: Joint Symposium between Kyushu University and Viet Nam National University of Agriculture - "Impacts of land use changes on the soil and water quality and rural environment in Vietnam - Japan". Agricultural University Press. ISBN 978-604-924-200-7.
45. **Tran Trong Phuong**, Do Nguyen Hai, Nguyen Van Bo, 2014. Research on Developing ecological Urban Agriculture in Hai Phong Province, Viet Nam, page 51-60, Proceedings of Workshop: Joint Symposium between Kyushu University and Viet Nam National University of Agriculture - "Effective Land, Water use in Agriculture and Protection of Rural Environment in Vietnam and Japan". Agricultural University Press. ISBN 978-604-294-154-3.
46. Do Nguyen Hai, Do Thuy Nguyen, **Tran Trong Phuong**, 2014. Agricultural Land use and Adaption with Climate Change in Red River Delta (RRD), page 156-161, Proceedings of Workshop: Joint Symposium between Kyushu University and Viet Nam National University of Agriculture - "Effective Land, Water use in Agriculture and Protection of Rural Environment in Viet nam and Japan". Agricultural University Press. ISBN 978-604-294-154-3.
47. **Tran Trong Phuong**, Nguyen Van Bo, Nguyen Quang Hoc, 2011. The efficiency of productive models towards ecological urban agricultural in Hai Phong city, No 38, pp 173-179, VietNam soil science, ISSN: 0868-3743 (ISSN: 2525-2216).
48. **Tran Trong Phuong**, Nguyen Van Bo, Nguyen Quang Hoc, 2011. Agricultural land use planning towards ecological urban agriculture up to 2020 in Hai Phong city, Term 2, No 24, pp 16-21, Science and Technology Journal of Agriculture and Rural Development, ISSN 0866-7020 (ISSN: 1859-4581).
49. **Tran Trong Phuong**, 2006. The impact of agricultural and forestry land allocation policy on land-use effectiveness of household in district Thach Ha - Ha Tinh Province, No 25, pp 99-103, Vietnam soil science, ISSN: 0868-3743 (ISSN: 2525-2216).
50. **Tran Trong Phuong**, 2006. The impact of agricultural and forestry land allocation policy on land-use effectiveness of household in district Ha Hoa, Phu Tho Province, Term 1, No 76, pp 16-21, Science and Technology Journal of Agriculture and Rural Development, ISSN 0866-7020 (ISSN: 1859-4581).

B Textbook

1. **Tran Trong Phuong**, 2013. **Cartography textbook**, Agricultural University Publishing House, 210 pp.
2. **Tran Trong Phuong**, Nguyen Dinh Trung 2016. **Topographical map textbook**, Agricultural University Publishing House, 166 pp., ISBN 987-604-924-233-5
3. **Tran Trong Phuong** (Co-Author) et al., **Land valuation in a market economy in Vietnam**, Labor-Social Publishing House, 2017, ISBN 978-604-65-3068-8
4. **Tran Trong Phuong**, Nguyen Thanh Tra, Nguyen Dinh Trung, 2020. **Cadastral map textbook**, Agricultural University Publishing House, ISBN 987-604-924-467-4.

C. Funded projects (last 5 years):

1. **LIRLAP-Linking Disaster Risk Governance and Land-Use Planning-The case of hazard prone informal settlements in the Philippines,Thailand and Vietnam. Project leader for Vietnam.** 2021-2024, by the German Federal Ministry of Research and Education (BMBF).
2. Research on solutions to regulate the added value from land due to planning, change of land use purposes and infrastructure development. 2020-2022. **Project leader.**
3. Agricultural Land Use and Management to Adapt Climate Change Serving the Goal of Agriculture Reconstruction in North Central Coast of Vietnam. Research project conducted by World Bank and Ministry



of Agriculture and Rural Development, 2019 - 2020. **Project leader.**

4. Assessment of the implementation of Land user's rights in Pleiku City, Gia Lai province 2018-2019, **Project leader.**
5. Impact of urbanization on the efficiency of agricultural land use in the direction of urban agriculture and pre-urban agriculture, 2017-2018. **Project leader.**
6. Assess the implementation of land use rights in rural agriculture and new rural construction planning 2016-2017. **Project leader.**
7. The impact of long-term agro-forestry land allocation policy on household land use efficiency, 2015-2016. **Project leader.**
8. Theory and practice based of assessing land potentials on contributing to rational use and protection of land resources in the process of industrialization and modernization in Vietnam, 2013-2014 (Ministry of Natural Resources and Environment). **Team member.**
9. Assessing the real situation and proposing solutions to land handling mechanism of economic development investment projects, 2014-2015 (Ministry of Natural Resources and Environment). **Team member.**
10. Application of information technology to establish geographical indication map and management of land changes, 2015-2016. **Team member.**
11. Evaluating the effectiveness and propose sustainable use of agricultural land in the direction of urban eco-agriculture and pre-urban agriculture, 2014. **Project leader.**

D. Project Implementation in Local areas in Vietnam

1. Land Use Planning in Tien Du district, Bac Ninh province; Can Loc district, Ha Tinh province; Dan Phuong district, Ha Noi city from 2021-2030. **Project Leader.**
2. Inventory of land and Establishment a map of the current status of land use in Thanh Mien district, Hai Duong province; Dan Phuong district, Hanoi city, 2019. **Project Leader.**
3. Land Use Planning in Dan Phuong and Hoai Duc district, Ha Noi city; Can Loc, district and Loc Ha, district, Ha Tinh province; Thanh Mien district and Binh Giang, district Hai Duong city; My Hao district, Hung Yen province; Cam Pha district, Quang Ninh city, etc. from 2010-2020. **Project Leader.**
4. Inventory of land and Establishment a map of the current status of land use in Thanh Mien district and Binh Giang district, Hai Duong province; Dan Phuong, district and Hoai Duc, district, Hanoi city, 2014, **Project Leader.**
5. Planning and Rural Construction in Dan Phuong, district and Hoai Duc district, Ha Noi city; Ha Tinh city and Huong Khe, district, Ha Tinh province; Binh Giang district and Thanh Mien district Hai Duong province, 2011-2020. **Project leader.**

E. Scholarships, Prizes, honours, awards and other recognition

1. A scholarship of Vietnam Government for my undergraduate program from 1992 to 1996
2. A scholarship of TRIG, World Bank (WB) for Research Fellow in Poland

Hanoi, July 15th, 2021
(Full name and signature)

TRAN TRONG PHUONG