

Dr. THI PHUOC LAI NGUYEN
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Asian Institute of Technology,
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Dr. Thi Phuoc Lai Nguyen is an environmental social scientist. Her research crosses beyond conventional social science disciplinary and integrate interdisciplinary aspects to address the complexity and uncertainty that challenge development planning. It centers upon understanding human dimension in planning and management of the environment regarding social attitudes, epistemological processes and behaviors of how to understand, mitigate and adapt to social environmental changes.

Specific areas of interest are: coupled human-environment complex systems, social environmental changes, institutions and governance of socio-ecological systems, STEM education and innovation for sustainable development.

EDUCATION AND QUALIFICATION

- 2014 PhD in Governance and Complex System, University of Sassari, Italy.
2009 M.A. in Development, Innovation and Change (MIDIC), University of Bologna, Italy.

ACADEMIC EXPERIENCE

- 2017-Present: *Assistant Professor*, Department of development and Sustainability, Asian Institute of Technology (AIT), Thailand
2017–Present: *Associate Faculty*, Ostrom Center for the Advanced Study in Natural Resource Governance. Asian Institute of Technology (AIT), Thailand.
2015-2017: *Lecturer*, School of Geography, University of Nottingham, Malaysia Campus.
2015- 2016: *Visiting Researcher*, Ton Duc Thang University, Vietnam.
2012 – 2013: *Visiting Researcher*, The Open University, UK.
2010- 2015: *Researcher*, Desertification Research Centre, University of Sassari, Italy.
2008 – 2010: *Research Associate*, Geotechnologies Centre, University of Siena, Italy.
2005 – 2007: *National Project Manager*, Food and Agricultural Organization of the United Nations.

ACADEMIC POSITIONS

- Jan 2021 – today Program Chair, Academic Program in Development Planning Management and Innovation (DPMI)
Jan 2020 – today Program Chair, Professional Master in Development and Sustainable Development (ESD)
Jan 2021 – today Committee Member, Urban Innovation and Sustainability (UIS)
Jan 2021 – today Committee Member, Society and Environmental Governance (SEG)
July 2017- Dec 2020 Committee Member, Academic Program in Regional and Rural Development Planning (RRDP)
Oct 2020 – today Associate Editor, Gender, Technology and Development Journal, Taylor& Francis Online

CURRENT TEACHING/COURSE DEVELOPMENT

1. Public Policy
2. Policy, Institutions and Governance

3. Science, Society and Environmental Governance
4. International Environmental Governance
5. Socio-ecological systems Approach and Diagnosis
6. Innovation and Sustainable Development
7. Development Planning Workshops
8. Development Project Planning and Management
9. Agricultural Development and Social Innovation

SELECTED PUBLICATION

Nguyen, T.P.L., Nguyen, T.H., Tran, T.K. (2020). STEM education in secondary schools: Teachers' perspective towards sustainable development. *Sustainability* 2020, 12(21), pp. 1–16, 8865.

Cammaert, R. **Nguyen, T.P.L.**, Tanaka, S.(2020). Kindergarten to Grade 12 Reforms in Viet Nam. *Education in the Asia-Pacific Region*, 2020, 55, pp. 89–97

Nguyen, T.P.L. Inkong, N. Faysse, N. (2020). Role of local institutions in the transition towards sustainable agriculture: The case study of Thailand. *WIT Transactions on Ecology and the Environment*, 2020, 245 pp. 135–143

Nguyen, T. P. L., Seddaiu, G., Roggero, P.P. (2019). "Declarative or procedural knowledge? Knowledge for enhancing farmers' mitigation and adaptation behavior to climate change." *Journal of Rural Studies* 67: 46- 56.
<https://doi.org/10.1016/j.jrurstud.2019.02.005>

Nguyen, T.P.L.; Peña-García, A. (2019) Users' Awareness, Attitudes, and Perceptions of Health Risks Associated with Excessive Lighting in Night Markets: Policy Implications for Sustainable Development. *Sustainability* 2019, 11, 6091.

Ruiz Salvago, M., Phiboon, K., Faysse, N., & **Nguyen, T. P. L.** (2019). Young people's willingness to farm under present and improved conditions in Thailand. *Outlook on Agriculture*. <https://doi.org/10.1177/0030727019880189>.

Peña-García, A., **Nguyen, T.P.L.** (2018) A global perspective for sustainable highway network tunnel lighting regulations towards road safety. (2018). *International Journal of Environmental Research and Public Health* 2018, 15(12), 2658;
<https://doi.org/10.3390/ijerph15122658>

Nguyen, T.P.L., Sean. C (2018). What shapes young people's concerns about water-use resources? The case of Ho Chi Minh City. *WIT Transactions on Ecology and the Environment*, Vol 215, WIT Press. www.witpress.com, ISSN 1743-3541.
doi:10.2495/EID180301.

Nguyen, T.P.L., Seddaiu, G., Viridis, S.G.P., Tidore, C., Pasqui, M., & Roggero, P.P. (2016). Perceiving to learn or learning to perceive? Understanding farmers' perceptions and adaptation to climate uncertainties. *Agricultural Systems*, 143, 205- 216.
doi:10.1016/j.agry.2016.01.001

Nguyen, T.P.L., Mula, L., Cortignani, R., Seddaiu, G., Dono, G., Viridis, S.G.P., Pasqui, M., & Roggero, P.P. (2016). Perceptions of Present and Future Climate Change Impacts on Water Availability for Agricultural Systems in the Western Mediterranean Region. *Water*, 8, 523.

Nguyen, T.P.L., Seddaiu. G., Roggero. P.P. (2014). Hybrid knowledge for understanding complex agro- environmental issue: nitrate pollution in Italy. International journal of agricultural sustainability. Doi:10.1080/14735903.2013.825995

Allan, C., **Nguyen, T. P. L.**, Seddaiu, G., Wilson, B., Roggero, P. P. (2013). Integrating local knowledge with experimental research: case studies on managing cropping systems in Italy and Australia. Italian Journal of Agronomy, 8 (2). doi:10.4081/ija.2013.e15.

RESEARCH AND DEVELOPMENT PROJECTS

1. PI, STEM education: conceptions and practices for sustainable development in Vietnam. Donor: ADB/VNMOET (on-going)
2. Co-PI, Assessment of Groundwater Sustainability in the Special Economic Zone of Thailand for Operational Groundwater Management. Donor: SUMERNET 4 ALL (on-going)
3. Co-PI Strengthening ground water governance in urbanizing areas of lower Mekong region. Donor: SUMERNET 4 ALL (on-going)
4. PI - Farming systems and role of institutions in transition towards sustainable agricultural sectors in Thailand (ongoing). Donor: CIRAD, Centre de Cooperation Internationale en recherche Agronomique pour le Development, France.
5. PI- Public concerns about water use resources in Vietnam: “matter of climate change’ or matter of urban development (2017-2018). Donor: Asian Institute of Technology.
6. PI, Governance arrangement for STEM education implementation in Vietnam (2017-2018). Donor: ADB/VNMOET
7. Member - CADWAGO “Climate change adaptation and water governance: reconciling food security, renewable energy and the provision of multiple ecosystem services". <http://www.cadwago.net>. Donor: Europe and Global Challenges programme" by Compagnia di San Paolo, VolkswagenStiftung and Riksbankens Jubileumsfond.
8. Member - MACSUR “Modelling European Agriculture with Climate Change for Food Security”, <http://www.macsur.eu/index.php> (2013-2015). Donor: Italian Ministry of Agriculture and Forestry.
9. Member - AGROSCENRI “Scenarios of adaptation to climate change of Italian agricultural systems, <http://www.agrosценari.it/> (2009-2014). Donor: Italian Ministry of Agriculture and Forestry
10. Member - IDRISK “Pollution risk and prevention of groundwater resources degradation (2012-2014). Donor: Region of Sardina, Italy. Donor: Region of Sardina, Italy.
11. Manager- FAO Project GCP/VIE/029/ITA “Integrated management of lagoon activities, Thua Thien Hue province, Vietnam” (2005-2009)

STUDENT RESEARCH SUPERVISION

Summary of student research supervision at AIT (July 2017– to date)

Students	Completed (as of May 2019)		In-Progress	
	Chair	Co-Chair	Chair	Co-chair
Doctoral	-	-	6	2
Master’s	9	-	4	-