

Curriculum Vitae

Master. Arch. NGUYEN THI VAN HUONG

GENERAL INFORMATION

Workplace: Hanoi University of Civil Engineering (HUCE), Vietnam.
Faculty of Architecture and Urban Planning

Position: Senior Lecturer

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EDUCATION

PhD candidate in Urban Planing and Arrchitecture 2022 - Present
Hanoi University of Civil Engineering

RESEARCH INTERESTS

- Smart City in Vietnam, Smart buildings.
- Smart dormitory design
- Green buildings, Green Industrial buildings.
- Green and Smart Industrial Park, Green and Smart Industrial Clusters.
- Social housing for low incomes in cities and workers in industrial parks.

RESEARCH PROJECTS

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| • Basis for planning urban - tourist - ecological villages in Hanoi. Construction Ministry Research Project. | 2003-2004 |
| • Research on planning and development of concentrated agricultural production areas applying high technology and sustainable development. University research project. (Project Code: 2015/KHXD-TD) | 2015-2016 |
| • Building a database system on workers' housing in Hanoi industrial parks. University research project. (Project Code: 120-2017/KHXD-TD) | 2017-2018 |
| • Research on industrial architectural design bases following green building trends. University research project. (Project Code: 08-2018/KHXD) | 2017-2028 |
| • Research on smart housing units in the direction of applying technology in architecture. University research project. (Project Code: 01-2019/KHXD) | 2018-2019 |
| • Research on smart student dormitory design. University research project. (Project Code: 01-2020/KHXD) | 2019-2020 |
| • Research on overview of smart industrial clusters. University research project. (Project Code: 02-2022/KHXD) | 2022-2023 |
| • Assess the current situation and propose solutions for building residential areas to serve industrial and export processing zones in Hanoi. Hanoi City Research Project. (Project Code: CT05/03-202202). | 2022-2024 |
| • Research on overview of green industrial cluster model. University research project. (Project Code: 01-2024/KHXD-TD) | 2024-2025 |

PUBLICATIONS

Articles in Vietnamese journals and conferences

- **Nguyen Thi Van Huong.** *Plantation factory- An Effective Model in Sustainable Urban and Rural Development.* Architecture Magazine, No. 252, ISSN: 0866 - 8617. 4/2016. 2016

- Le Lan Huong, **Nguyen Thi Van Huong**. *Workers' Housing Database: Platform for Creating a National Real Estate Information System*. Architecture Magazine, No. 04/2018. (53-57).. 2018
- **Nguyen Thi Van Huong**. *Green Industrial Buildings in Vietnam - Development Trends for World Integration*. Architecture Magazine No. 282. 4/2019. 2019
- Le Lan Huong, **Nguyen Thi Van Huong**, Nguyen Thuy Trang, Nguyen Thu Trang. *Building a database of workers' housing in Hanoi industrial parks*. Journal of Construction Science and Technology, University of Civil Engineering, No. 13/2019. (84-95). 2019
- **Nguyen Thi Van Huong**. *Green Industrial Buildings in Vietnam - Development Trends for World Integration*. Architecture Magazine No. 282. 4/2019. 2019
- **Nguyen Thi Van Huong**. *Green Industrial Buildings in Vietnam and the World with LEED Certification - Comparison and Contrast*. Architecture Magazine No. 288. 9/2019. 2019
- **Nguyen Thi Van Huong**. *Smart City - Development Trend in the World and Vietnam*. Architecture Magazine No. 293, 11/2019. 2019
- **Nguyen Thi Van Huong**. *Buildings with LEED and LOTUS Green Certification - Current Status and Development Trends in Vietnam*. Architectural Design Conference: From Theory to Practice in the Context of the 4.0 Revolution. ISSN: 978-604-67-1406-4. 11/2019. 2019
- **Nguyen Thi Van Huong, Tran Trung Dung**. *Smart Building - Future Trend in Dormitory Design*. Architecture Magazine, 0866-8617. 11/2022 2022
- **Nguyen Thi Van Huong**. *Planning for Industrial Cluster Development in Hanoi: Past, Present and Future*. Architecture and Planning Conference: Innovation in Training and Design, ISBN No. 978-604-375-393-6. June 22, 2022. 2022
- **Nguyen Thi Van Huong**. *Research on industrial cluster models in the world approaching smart trends*. Journal of Construction Science and Technology (KHCCNXD) - Hanoi National University of Civil Engineering, 16(4V). October 2022. Retrieved from <https://stce.huce.edu.vn/index.php/vn/article/view/2404> 2022
- **Nguyen Thi Van Huong**. *Mo Lao urban area - a case of compact urban area in Hanoi*. Sustainable Architecture and Planning Conference: Continuing traditional values, towards the future, ISBN No.: 978-604-472-150-7. April 26, 2023 2023
- **Nguyen Thi Van Huong**. *Digital twins from industrial production processes to smart urban planning, construction and management*. Architecture Magazine No. 4.2023, 11/2023. 2023
- **Nguyen Thi Van Huong, Tran Trung Dung**. *Design of smart dormitories to meet the livable environment of students in Vietnam*, Construction Magazine, ISSN 2734-9888, No. 122023. 2023
- **Nguyen Thi Van Huong, Pham Thi Hai Ha**. *The current status of green industrial building design in Vietnam and the challenge of low carbon*, National Conference: Developing Green Industrial Parks in Vietnam towards Carbon Neutrality, 11/2023. 2023
- Le Lan Huong, Nguyen Cao Lanh, Nguyen Thuy Trang, **Nguyen Thi Van Huong**. *Models of planning residential areas for workers in Hanoi industrial parks*. Journal of Construction Science and Technology (TCKHCNXD) - National University of Civil Engineering, 18(4V), (45-58). 2024
- Nguyen Thuy Trang, Le Lan Huong, Nguyen Cao Lanh, **Nguyen Thi Van Huong**. *Assessment of the current status of architecture and landscape of social housing for workers in Hanoi*. Architecture Magazine, No. 5/2024 (21-26) 2024
- **Nguyen Thi Van Huong, Le Lan Huong, Nguyen Cao Lanh, Nguyen Thuy Trang**. *Assessment of the current status of management and operation of social housing areas for workers in Hanoi*. Construction Magazine, No. 082024 (78-83) 2024
- **Nguyen Thi Van Huong**. *Developing green industrial buildings in Hanoi industrial clusters - Towards a green industrial cluster model for a low carbon economy*. Construction Magazine No. ISSN 2734-9888, No. 112024, (127-133). <https://tapchixaydung.vn/tap-chi-xay-dung-so-11-2024-20201224000026984.html#page/129> 2024

TEACHING EXPERIENCE

Teaching many subjects for bachelor: principles of architectural design, architectural structure design, specialized topics of architecture, smart city and smart industrial park, smart building, green building...

2001-Present

Supervising students to carry out architectural design projects, specialized architectural technology projects, integrated projects, and graduation projects.

Instructing students to do research projects.