

# DOCTORAL DISSERTATION'S NEW CONTRIBUTIONS

*Title:*

## LANDSCAPE ARCHITECTURE IN VILLAGES WITHIN THE GREEN BELT OF NHUỆ RIVER, HANOI CITY

*Specialization:*                      **Architecture – Code: 9580101**

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### SUMMARY OF NEW CONTRIBUTIONS OF THE THESIS

This thesis focuses on researching the characteristics to clarify the value of villages in the Nhuệ River green belt while classifying and proposing models and solutions for the organization of landscape architecture in these villages. The aim is to meet the requirements for sustainable development, cultural heritage conservation, and enhancing the quality of life for the community. Below is a summary of the new contributions of the thesis:

#### 1. Classification and assessment of landscape architecture conditions

The thesis categorizes and evaluates the current state of landscape architecture of the villages within the Nhuệ River green belt in Hanoi City. This includes identifying and analyzing in detail the characteristics of both natural and man-made landscape elements and their relationships within the modern urban context. This important work helps to identify challenges and opportunities for sustainable development of the villages with a new approach.

#### 2. Scientific basis

The thesis provides a scientific basis for the organization of landscape architecture in the villages within the Nhuệ River green belt, based on the synthesis of current legal bases and theories applied under the specific conditions of Vietnam, especially Hanoi. This leads to the proposal of practical solutions based on the analysis of natural, cultural-social characteristics, and economic features of each village.

#### 3. Models and solutions

The thesis proposes models and solutions for the organization of landscape architecture for villages within the Nhuệ River green belt with the goal of improving the quality of life, preserving traditional cultural values, and promoting sustainable development. These bring innovations and improvements in the approach, analysis, and resolution of issues related to the organization of landscape architecture in villages, especially in the context of urban green belts:

Village landscape planning model: A significant contribution of the thesis is the development of a landscape planning model for the villages within the Nhuệ River green belt, distinguishing clearly between different types of villages (agricultural, craft, and residential villages) and providing specific solutions for each type. This model optimizes land use, protects the environment, and enhances cultural values.

Diverse and Rich Landscape Architecture Organization Solutions: From conserving and restoring areas with historical and cultural value to developing new green spaces and improving technical infrastructure. The proposed solutions address specific issues of each village and contribute to the overall planning of the green belt area.

The thesis not only clarifies the issues of landscape architecture organization in the villages within the Nhuệ River green belt but also proposes practical solutions that can contribute to sustainable urban planning and development in Hanoi and other areas with similar conditions.

PhD CANDIDATE