

THE NEW CONTRIBUTIONS OF THE THESIS

The topic titled: The Management of Space, Architecture and Landscape of Complex of Hue Monuments

Major: Urban and Construction Management - Code: 62.58.01.06

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New contributions of the thesis:

The research results have scientific and practical significance of the thesis and confirmed the three new contributions as follows:

1. The first new contribution: Making contributions to raise the awareness about the significance, importance and role of conservating, promoting outstanding global values in terms of the management of Space, Architecture and Landscape of the world heritages; Completing the scientific basis for world heritage management in terms of space, architecture and landscape in the condition of Complex of Hue Monuments in the direction of green, smart and sustainable world heritage urban development.

Currently, the perception of the meaning, role and importance of conservating and promoting the outstanding global values in terms of space, architecture and landscape of the world heritage is very different as the thesis presented Section 2.1, Chapter 2 of the Thesis, in which the PhD student (Doctorate) clarified a consistent viewpoint of the thesis on the role, position and importance of this work in the global context. globalization and rapid but unsustainable socio-economic development in countries including Vietnam. The PhD student believes that the greatest effect of The management of Space, Architecture and Landscape, the populations of monuments of the ancient capital as world heritage must not only stop at conservation but also promote outstanding values of the world heritage in the contemporary world, considering it as precious material and spiritual assets of each country and of humanity to be passed on to future generations.

The thesis also contributes to completing the scientific basis of the management of Space, Architecture and Landscape in the context of Complex of Hue Monuments in the direction of green, smart and sustainable urban development based on: (i) Ideology and renewing cognitive thinking; (ii) Legal basis including: National and international and domestic legal framework and institution; (iii) Theoretical basis, 05 lessons and 09 factors affecting the management of Space, Architecture and Landscape that previous scientific studies and dissertations have not studied comprehensively and systematically.

2. The second new contribution: Adjusting and supplementing the scope, boundaries and defining the protected areas, promoting the values of Complex of Hue Monuments in the direction of forming a future Hue heritage city in the centrally-run city.

The scope and boundaries of the relic protection area are determined according to the Law on Cultural Heritage and the Governmental Decree No.109/2017/ND-CP, in which

the relic protection zone includes only 02 areas but there has been no scientific basis and method to determine the above scope and boundaries.

To solve the above shortcomings, the thesis has proposed that the protection area and promotes the values of Complex of Hue Monuments. It can be divided into 02 regions and 03 areas:

- Area I: The protected area of historical - cultural relics, scenic spots is the “hard zone” recognized by UNESCO as a world heritage including elements constituting the world heritage, signed by UNESCO, with the symbol R_I;
- Area II: The buffer zone is the soft space adjacent to Area I, symbol R_{II}. Area II includes 02 sub-areas:
 - + Sub-zone II.1 is a direct protection area, green belt - engineering is composed of:
 - (1) The setback (R2.1), from the foot of the citadel wall with the selected critical angle is 30⁰ visibility guarantee; green space and arrangement of necessary technical infrastructure works;
 - (2) Surrounding roads are public roads serving relic protection activities (R2.2),
 - (3) Distance of the area for arrangement of auxiliary works: parking lot, management Management, reception, safety and security of visitors (R2.3).
 - + Sub-zone II.2 is the area to protect and promote the values of the world heritage or the area of influence.

In addition, the PhD student has developed a formula to specifically determine the above scope and boundary (*Formula 2.1 to Formula 2.9 of Subsection 3.2.1 of the Thesis*) to help the State management agencies to specify.

3. The third new contribution: Building the solution groups for the management of Space, Architecture and Landscape integrated in the management of the World Heritage Complex of Hue Monuments and a set of criteria, indicators and monitoring and inspection mechanisms, evaluating the performance of The management of Space, Architecture and Landscape in the management and protection of the Complex of Hue Monuments.

The management of Space, Architecture and Landscape for Complex of Hue Monuments is different from The management of Space, Architecture and Landscape in normal urban areas. Therefore, in the thesis, 05 groups of solutions are proposed. The management of Space, Architecture and Landscape Complex of Hue Monuments, includes: (1) Reviewing, supplementing and completing the legal basis for the management of Space, Architecture and Landscape Complex of Hue Monuments; (2) Zoning and defining requirements the management of Space, Architecture and Landscape Complex of Hue Monuments; (3) Integrating content and solutions The management of Space, Architecture and Landscape in the management, protection and promotion of the value of Complex of Hue Monuments; (4) Developing and applying the project of model innovation and capacity building of Hue Monuments Conservation Center; (5) Principles of building models and institutions that enhance the role of the community and citizen participation, in which it clearly shows the difference between the management of Space, Architecture and Landscape at the Complex of Hue Monuments, which is different from other common architectural ensembles in that The management of Space, Architecture and Landscape of the Complex of Hue Monuments has the central task of protecting,

preserving and promoting the outstanding global value of the world heritage while minimizing the development that changes the original and outstanding global values of the world heritages.

Up to now, the monitoring, inspection and evaluation of the management of Space, Architecture and Landscape of the ancient imperial relic complexes which are world heritages in Vietnam, including Complex of Hue Monuments, has only been carried out through a joint report under the guidance of the World Heritage Committee and made every six years. To overcome this shortcoming, the thesis has proposed a set of criteria, indicators and a mechanism to monitor, check and evaluate the performance of The management of Space, Architecture and Landscape in the management and protection of the Complex of Hue Monuments on a daily basis. year and every 6 years. This proposal is very important for State management in order to help the specialized agencies of the Government and local authorities to always update the current status of the ancient imperial relic complexes which are world heritages of Vietnam. South including the Complex of Hue Monuments. At the same time, it allows effective cooperation with the World Heritage Committee in preserving the integrity, original and outstanding global values of world heritages in Vietnam in general, including the world cultural heritage, the Complex of Hue Monuments.

The above are the new contributions of the thesis and I would like to submit them to your esteemed Department and Graduate School to approve and create favorable conditions for me to continue implementing the next procedures to defend the doctoral thesis at the university level.

Sincerely yours,

The Supervisor

Hanoi, day....month....year 2021
PhD student

Assoc.Prof. Dr. Architect. Tran Trong Hanh

Le Ngoc Kien