

Summary of the Ph. D. thesis

Dissertation title:

**The Impact of Digital Photography Development on Transformations in the Architect's Workshop**

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Changes in the architect's workshop can have various causes, ranging from market needs, client requirements, availability of new tools and working methods, to economic factors such as project timeline and designers' skills. The emergence of digital photography has led to a significant increase in the quantity of created photographic images, and its development has opened up additional areas for their utilization.

This doctoral dissertation attempts to answer the question of whether this increase in the quantity of available images, as well as the new possibilities of their utilization, have influenced changes in the application of photographic images in the architectural design workshop. The specific objective of this study is to investigate the connections between the successive stages in the development of digital photography and image processing software, and the changes in the way photographs are used in architectural design during this period. The author's intention was to take an engineering approach to the architectural applications of new technologies and focus on the types and methods of utilizing these technologies in the design process. The study conducted a review and analysis of the applications of photography in the design process based on available literature, as well as original research conducted through the use of photography in educational activities at the Faculty of Architecture of the Warsaw University of Technology.

The research findings enabled the identification of relationships between the development of digital photography and changes in its utilization in architectural design. The summary also indicates projected directions for further development, which can be utilized in educational work and in properly preparing architecture students for the evolving architect's workshop in the coming years, influenced by technological advancements.

Keywords: digital photography, architectural design, architect's workshop

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