

Internal microclimate of historic buildings in various conditions of use

Summary:

The subject of the doctoral dissertation was to investigate the internal microclimate of historic buildings in various conditions of use

The implementation of the goal required:

- analysis of the relevant literature, recommendations of standard conservation and restoration works and methods of assessing the state of dampness and mycological research of historic buildings,
- conducting own research in 2019-2023
- analysis of the results of these tests,

The work is a research study analyzing the results of measurements carried out in the field. The scope of the research included a passive experiment with the possibility of collecting as many measurements as possible. The work is divided into two main parts. Theoretical part and the experimental part. Field studies of the internal microclimate in six historic buildings were carried out. In addition, mycological research was carried out with particular attention to the presence of an environment conducive to the development of microorganisms. The results of internal microclimate analyzes in the examined buildings were described. Based on the obtained results of the passive experiment, conclusions are described.