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INVESTIGATIONS REGARDING THE AIR QUALITY IN THE HISTORIC WOODEN CHURCH IN ORADEA CITY, ROMANIA

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Abstract

The present study refers to the investigations on analysis of air quality and surfaces inside the Orthodox church, a wooden monument (BH-II-m-B-20958), originally built in the village Letca from Sălaj County and displaced in 1991 to the campus of the University of Oradea. The paper focuses on the degree of microbial and fungal contamination of the surfaces and the air inside the wooden church. It also identifies various microbial species with potential risk on the health of parishioners and those in charge of maintaining the halidom.

Key words: wooden church, microaeroflora, carbon dioxide, temperature, relative humidity

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