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

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Abstract

The present study describes the results of air quality analysis and surfaces inside the Orthodox Church in Oradea City, Romania, 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 surfaces and 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: carbon dioxide, microaeroflora, relative humidity, temperature, wooden church

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