

ABSTRACT

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Study Program: Architecture

Title : The Design of Air Pollution Education Containers for Early
Childhood with Behavioral Architecture Approach in Jakarta

The issue of air pollution is still a major problem in various dense cities in the world, Jakarta is no exception. Based on Air Visual data (an application for monitoring air quality stations), high levels of air pollution have made the city of Jakarta crowned as polluted city on June 25, 2019. This is certainly caused by the gap of information from the government about tips on improving air quality to the people in Jakarta. According to WHO data in 2016, it states that 99% of children aged 0-5 years in Southeast Asia are vulnerable to the effects of air pollution, if the air pollution situation in Jakarta continues to be ignored, then this can damage the nation's future.

Therefore, an education forum is needed to be able to equalize the understanding of children what air pollution is at the same time form the behavior of children to protect and respect nature as part of the solution to improve air quality.

By using a behavioral architecture approach and a combination of qualitative methods and correlations based on research data from parents and early childhood respondents in a number of educational institutions in Jakarta, this study discusses an idea of an appropriate educational architectural typology for air pollution and appropriate educational space criteria with the child's behavior and interest in an educational forum.

Keywords: Air Pollution 1, Behavioral Architecture 2, Educational Architectural Typology 3, Children Behavior 4