

A One-minute Research Presentation

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Research Theme : **THERMAL ENVIRONMENT OF ELEMENTARY SCHOOLS IN INDONESIA**
Research Purposes :

01

Thermal Environment

to report the thermal environmental conditions of public elementary schools in Indonesia for the whole of the year

02

Thermal Perception

to analyze the students' and teachers' responses to the thermal environmental conditions in their building;
to find out the neutral and comfortable temperature in the public elementary school buildings

03

Simulation

to simulate the thermal environmental conditions using Computational Fluid Dynamics (CFD)

04

Passive Designs

to improve the thermal environment in the schools

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