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Type: **Research-oriented Oral Face-to-face presentation**

TEAM-BASED LEARNING AS A TOOL TO FOSTER CRITICAL THINKING: USING PHOTOGRAPH

Saturday 17 May 2025 12:30 (25 minutes)

TITLE

TEAM-BASED LEARNING AS A TOOL TO FOSTER CRITICAL THINKING: USING PHOTOGRAPH

RELEVANT SIG

Art, Research, and Teaching (ART)

FORMAT

Practice-oriented Oral Face-to-face presentation (25 minutes, including Q&A)

Short English description

KEYWORDS

Architecture, sustainability, SDGs, Team-based learning, active learning.

First-time presenter?

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ABSTRACT

Amidst the popularity of university-wide courses taught in English to international students in Japan, sustainability issues, and more specifically the SDGs, have emerged as a transversal topic. Yet integrating an objective assessment of sustainability and a critical approach to the arts into the same curriculum may seem contradictory at first glance. This presentation explores how to address this challenge through a TBL (Team-based Learning) activity in a course titled Sustainability in Japanese Architecture, in which students create an informed critique of a work of contemporary architecture through the lens of the SDGs. As this activity is the culmination of their learning journey, it is when they have to demonstrate critical thinking and application of course content. This presentation will show how the TBL methodology, and more specifically how one of its cornerstones, backward syllabus design, can equip the students with the skills to interpret a work of architecture through the lens of sustainability. This methodology is expected to be helpful to instructors proposing

courses that must meet two opposing yet complementary goals: Interpreting works of architecture, and more broadly, art, and incorporating the SDGs into the course syllabus.

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