

Developing a Transdisciplinary Collaboration Framework (TCF) for Nature-Based Design (NBD) of Sustainable Buildings



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Trans-disciplinary collaboration (TDC) continue to address complex societal problems such as sustainable development, global environmental change, and public health challenges.

Nature-based design (NBD) methods including biomimicry, biomorphism, biophilia, bio-utilization and zoomorphism are needed for the design of the sustainable buildings.

Currently, there is no trans-disciplinary collaboration framework (TCF) to support the NBD of sustainable buildings. The thesis aims to explore multidisciplinary approaches to the design of sustainable buildings and aims to develop and test the TCF for NBD of sustainable buildings aligned with the RIBA Plan of Work.

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