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AN INTEGRATION OF SUSTAINABLE DESIGN STRATEGIES AND ENVIRONMENTAL STEWARDSHIP TO LANDSCAPE DEVELOPMENT PLAN FOR THE FACULTY OF SUSTAINABLE AGRICULTURE

Abstract:

Faculty of Sustainable Agriculture (FSA) is gearing towards the 'Eco Campus' movement which is in line with the university focus to foster sustainable practices in the campus. The lack of landscape elements and facilities in the newly established campus has inspired a landscape development plan equipped with sustainable strategies initiatives for multifunctional uses. Located in the city of Sandakan, the campus was established in 2011 and currently undergoing intensive infrastructure development for teaching and learning purposes. The strategies correspond to the challenges faced by the campus in terms of its rough microclimate and the deterioration of soil condition which could severely affect future landscape implementation if meticulous planning is overlooked. The strategies acknowledge the importance of engaging the stakeholders of the campus; especially the students and staff to create a multifunctional, adaptive, and resilient landscape plan. This is important to encourage more outdoor spaces utilisation and social interaction among community members. The future landscape-related development projects are envisioned to implement the strategies to reflect Universiti Malaysia Sabah 'EcoCampus' aspiration.

Keywords:

sustainable practices, landscape development plan, universities, sustainable strategies

JEL Classification: Q01, O29