香港城市大學
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Exploring the case and problem based teaching curriculum by developing a virtual web-based experience mining system

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Abstract:

This project aims to develop a “virtual web-based experience mining system” that seeks to equip students with an enhanced tool for discovering the representative domains, cases, problems and themes focusing on the sustainable housing development at international housing society. In a rapidly changing and urbanizing world, the provision of adequate and sustainable housing remains a key priority for all governments. However, the concept of housing requires a new understanding to effectively and synergistically address the pressing issues of climate changes, urban expansion, poverty alleviation, affordable housing provision, and access to quality residential services, clean energy and environmental conditions. Sustainable housing outlines key concepts and considerations underpinning the idea of sustainable housing and provides a comprehensive framework for designing sustainable housing policies and practical actions. This project advocates a more holistic approach, which recognizes the multiple functions of housing-as both a physical and social system-and which seeks to enhance and harmonize the environmental, social, cultural, and economic dimensions of housing sustainability. Thus, along with the solutions for the built environment (resource and energy efficiency, environmental, ecological and health safefy, resilience and natural disasters), sustainable housing policies should deal with the affordability, social justice, cultural and economic impacts of housing, and contribute to making healthy residential neighborhoods and sustainable cities.