

SPD5152 Industry-Based Student Project

<http://ibse.hk/SPD5152/>

Proposed Topics (2016-2017)

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Title:	Study of humidity conditions and thermal comfort in bedroom sleeping environment in Hong Kong
Description:	The high humidity conditions in Hong Kong affect the thermal comfort feeling and the use of air-conditioning systems in residential buildings. This study will investigate the characteristics of humidity conditions and thermal comfort in Hong Kong in order to evaluate the key factors influencing the bedroom sleeping environment.

Title:	Post-occupancy evaluation of classrooms for a higher education institute
Description:	Post-occupancy evaluation (POE) is the process of obtaining feedback on users' satisfaction and performance of a building or space. This study will develop a post-occupancy evaluation of classrooms for a higher education institute to examine the indoor environment and identify key issues for improving the building operation.

Title:	Feasibility study of grey water recycling for an educational building in Hong Kong
Description:	Water resources are crucial in Hong Kong and the government is trying to promote grey water reuse in the buildings. This study will investigate the feasibility of applying grey water recycling for an educational building in Hong Kong by evaluating the design requirements, environmental impacts and economic implications.