

# SBS5222 Indoor Environmental Engineering

<http://ibse.hk/SBS5222/>

## Summary of Teaching (Dr. Sam C. M. Hui)

<p><b>1. Introduction</b></p> <ul style="list-style-type: none"> <li>1.1 Background</li> <li>1.2 Sustainability of buildings</li> <li>1.3 Indoor environmental quality</li> <li>1.4 Mind mapping</li> <li>1.5 Brainstorming exercise</li> </ul> <p><b>2. Sustainability</b></p> <ul style="list-style-type: none"> <li>2.1 Sustainability is ...</li> <li>2.2 Sustainable development</li> <li>2.3 Key concepts</li> <li>2.4 Hong Kong context</li> <li>2.5 Take action</li> </ul> <p><b>3. Environmental issues</b></p> <ul style="list-style-type: none"> <li>3.1 Introduction</li> <li>3.2 Hong Kong situation</li> <li>3.3 Climate change</li> <li>3.4 Pollution</li> <li>3.5 Resource depletion</li> <li>3.6 Waste</li> </ul>	<p><b>4. Building environmental performance</b></p> <ul style="list-style-type: none"> <li>4.1 Building performance</li> <li>4.2 Environmental performance</li> <li>4.3 Assessment of performance</li> <li>4.4 Green/sustainable building</li> <li>4.5 Assessment methods</li> </ul> <p><b>5. Green building assessment</b></p> <ul style="list-style-type: none"> <li>5.1 BREEAM-UK</li> <li>5.2 LEED-USA</li> <li>5.3 CASBEE Japan</li> <li>5.4 GreenMark Singapore</li> <li>5.5 GBI Malaysia</li> <li>5.6 China</li> <li>5.7 Taiwan</li> <li>5.8 Hong Kong</li> </ul> <p style="text-align: center;"><b>Technical visit to Hong Kong Science Park Phase 3</b></p>
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Concept Map:

