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Seminar on Utility Leakage Detection of water-carrying services affecting slopes (BWCS)

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Event Report

The Technical seminar was jointly organized by Hong Kong Institute of Utility Specialists (HKIUS) and Construction Professionals' Development Centre (CPDC), funded by the Commerce and Economic Development Bureau of the HKSAR, supported by Hong Kong College of Technology (Causeway Bay Campus) (HKCT) was held successfully on 26 February in Hong Kong Polytechnic University (Rm. N002) which 117 participants attended the seminar.

With the completion of the guidebooks and pamphlets on the 12 disciplines, a series of technical seminar was being held to disseminate the research result.

The seminar discussed about Leakage Detection of Water-carrying Services affecting Slopes (BWCS). Miss Carman Lam Ka Man from the Water Supplies Department talked about the part of leakage detection while Ir Dr. King Wong, a Fellow member of HKIUS presented on the part of slope safety. Miss Lam highlighted different methods employed in water leakage detection. To identify the water leaks locations in a pipeline, methods like visual inspection, leak noise correlation, mechanic and electronic leak detection, hydrogen gas detection and noise logging were illustrated. Ir Dr. Wong emphasized on the importance of leakage detection to the safety of slopes. He explained that leakage of underground conduits and pipes could cause slope failures, the Kwun Lung Lau incidents at 1994 was a good example.

The seminar ended by an interactive question-and-answer session. It gave them insights towards the topic. We specially thanked the speakers for sharing his valuable experience.



Miss Carman Lam is talking about leakage management and leakage detection methods.