

The Second
International Conference on

Utility Management and Safety

第二屆
國際管綫管理及安全會議

6th – 9th March 2011 Hong Kong, China
Abstracts and Full Paper

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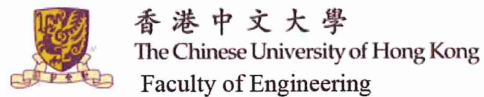
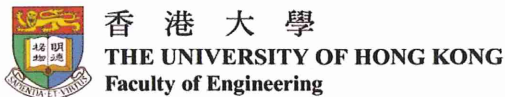
6th -9th March 2011



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The Hong Kong Association for
the Advancement of Science and Technology
香港科技協進會

Preface

These proceedings are a compilation of papers accepted for the Second International Conference on Utility Management and Safety (ICUMAS), held in Hong Kong in March 2011. The ICUMAS was jointly organized by Hong Kong Institute of Utility Specialists (HKIUS), Hong Kong Utility Research Centre (HKURC) and co-organized by the Faculty of Engineering, The University of Hong Kong, Faculty of Engineering, The Chinese University of Hong Kong, Faculty of Construction and Land Use, Department of Land Surveying and Geo-Informatics, The Hong Kong Polytechnic University, Department of Mechanical Engineering, The Hong Kong University of Science and Technology, Construction Industry Council, Construction Professional Development Centre, Construction Industry Council, Underground Pipeline Committee of CACP and The Hong Kong Association for the Advancement of Science and Technology.

This conference raised managerial, technical and innovative issues relating to the utility industry and in which continue to be challenges to government officials, utility practitioners, stakeholders and the general public worldwide. The ICUMAS encouraged and facilitated a platform for practitioners and experts from different cities to share their research outcomes, valuable experiences, policies and advanced technological developments. There are 30 papers accepted for the conference in which all accepted papers are presented in the proceedings. The Organizing Committee and the Technical Review Board believe that it will be of great values to researchers, educators and practitioners of the utility industry.

On behalf of the Organizing Committee and the Technical Review Board, we wish you all find the ICUMAS inspiring. We would like to express our greatest gratitude to all the speakers, authors and also those who have assisted to make this conference a success.

Prof. KWAN Albert K.H.

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