

Abstract of Presentation

Presentation Title:

**Design and operational data for
several rainwater harvesting and management systems in Korea**

Abstract:

Recently in Korea, rainwater harvesting and management is promoted with great interest by recognizing that Koreans have historically survived the most severe climate and geological condition and that the climate change adaptation can possibly be found from the tradition and philosophy coupled with the advanced technologies.

Several demonstration projects in Korea from small to large scale will be introduced partly illustrated by DVD. The smallest scale is a rainwater piggy bank system which collects rainwater from the building downpipe. Similar systems are installed at individual household. Several rainwater systems in Seoul National University are installed and full scale research are undergoing including design, modeling, water quantity, water quality and operational problems.

An innovative multipurpose rainwater system in the newly built housing complex (Starcity) and the systematic adaptation of RWHM system in Seoul Metropolitan Government are introduced. Finally, the rainwater management system is adapted in the masterplan of Multi-functional Administration City.