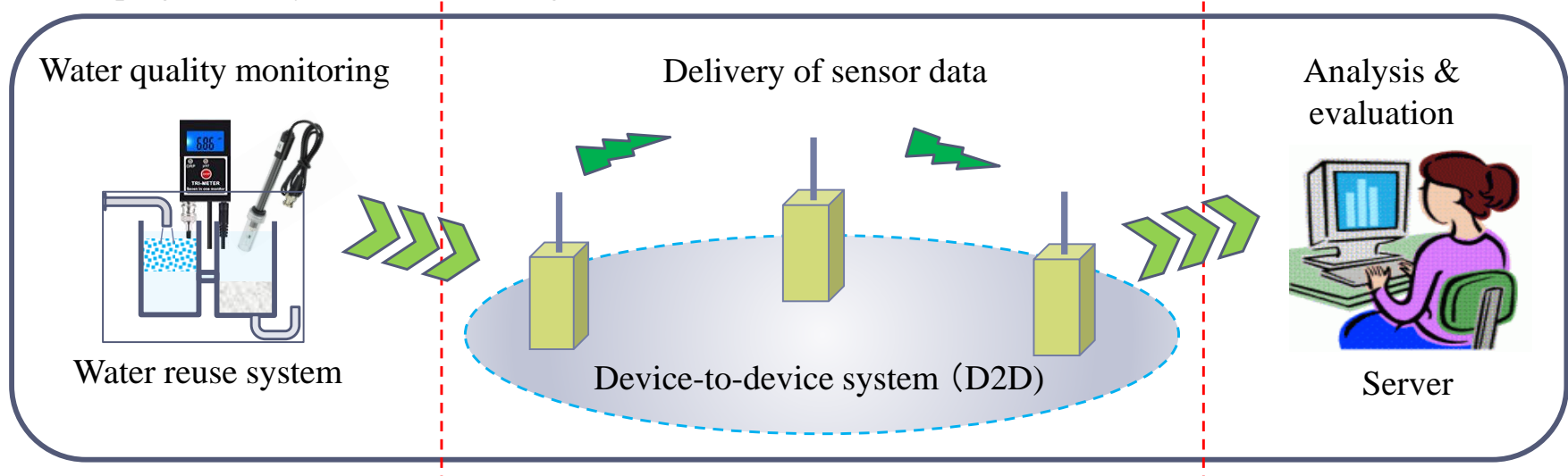




## Title: Implementing D2D System for Purpose of Developing IoT Systems for Water Reuse in Developing Cities

Water reuse is necessary in developing cities of ASEAN region to ease the ever-increasing pressure to supply potable water. Many water reuse projects in the past were less feasibility due to the insufficient monitoring and maintenance. With this project, USM, TDTU, UBD, and NICT work together to design and develop a system which can perform wastewater treatment, water quality analysis and monitoring, as well as critical water reuse data collection to improve the household water use and conservation pattern. In this project, NICT is responsible for developing a D2D system for delivering sensor data.



### Partners

- USM; Universiti Sains Malaysia (Malaysia)
- TDTU; Ton Duc Thang University (Vietnam)
- UBD; University Brunei Darussalam (Brunei)

### Principal researcher

LI Huan-Bang, Ph.D.  
 Chief Senior Researcher  
 Wireless Systems Laboratory  
 Wireless Networks Research Center  
 Network Research Institute