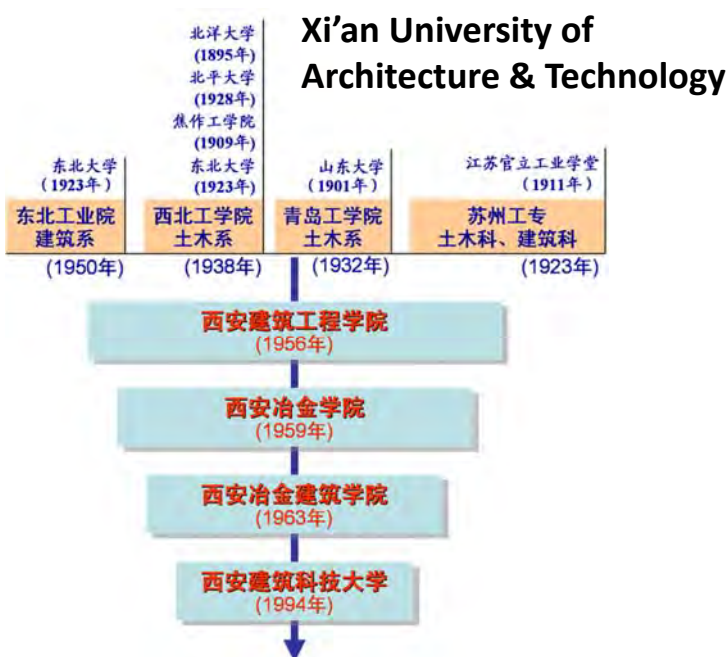
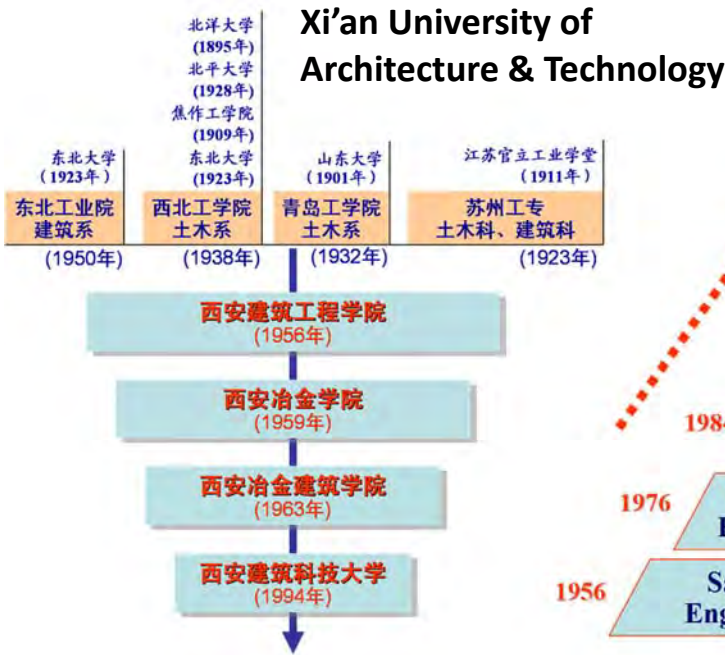


Brief Introduction of Our Research Group

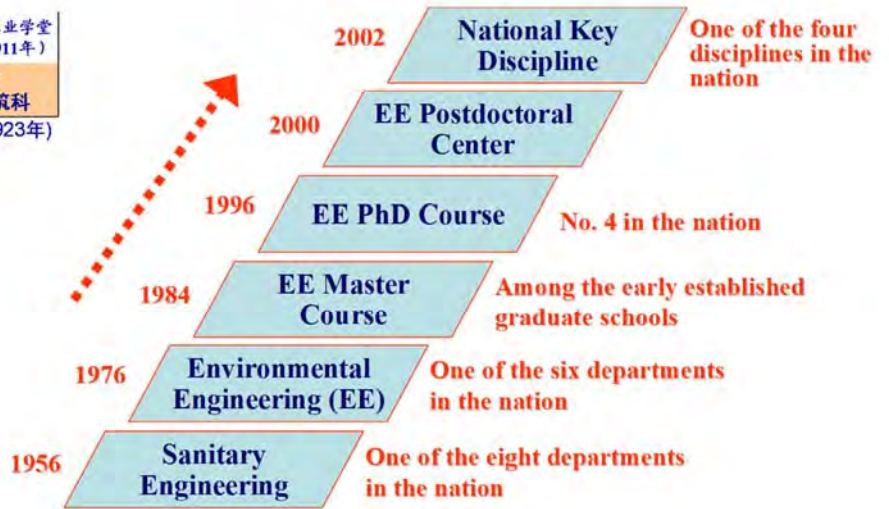
Our University and School



Our University and School

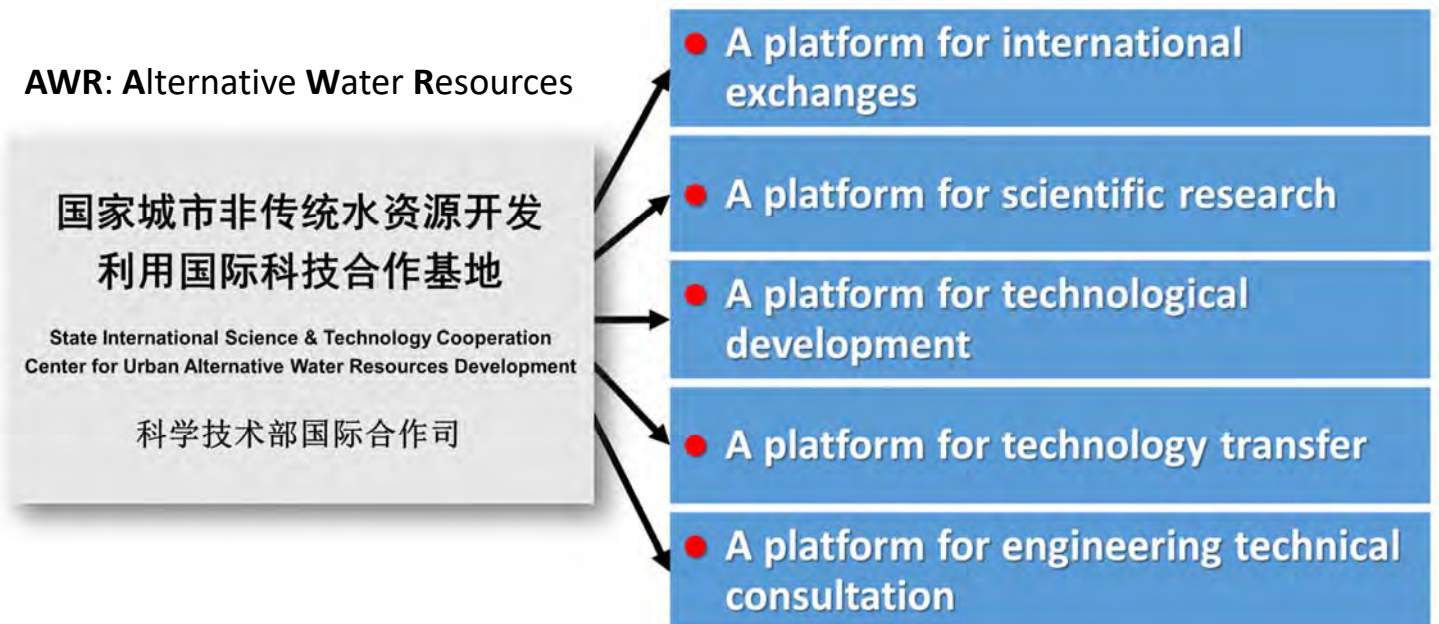


School of Environmental Engineering



Our AWR Center

AWR: Alternative Water Resources



Our AWR Center

Urban water system planning with AWR as important elements

Technologies for AWR development and utilization

Health and environmental safety control for using AWR for various purposes

AWR Research Team



Professor Xiaochang Wang



Professor Pengkang Jin



Professor Rong Chen



Professor Chongmiao Zhang



Dr. Qionghua Zhang



Dr. Mawuli Dzakpasu



Dr. Shengqiong Yang



Dr. Xiaoyan Ma



Dr. Yisong Hu



Dr. Qian Li



Dr. Li Luo



Dr. Xin Jin



Dr. Yucong Zheng

Research Topics

Urban Water Planning

- Urban water resource management plan
- Urban water system design
- Urban water protection plan
- Sponge city design

Treatment Technologies

- Physicochemical treatment
- Biological treatment & resource recovery
- Ecological treatment (constructed wetland)
- Advanced treatment (adsorption, oxidation, membranes)

Risk Analyses & Control

- Human health risk (pathogen related)
- Ecological risk (biotoxicity related)
- Other assessment methods (DALYs, LCA etc.)

- ❑ National R&D projects, NSFC projects, International joint projects, Local governmental projects, Industrial projects etc.
- ❑ AWR development, utilization and safety control mainly targeting water deficient cities, towns, and industrial zones

Extension AWR Activity

Joint organization of the ***International Forum on Water Sustainability (IFWS)*** with China Water Enterprises Confederation

The 1st IFWS to be held from 29 June to 02 July 2020 in Qingdao, China

Prof. Furumai is invited to the IFWS Scientific Committee and attend the 1st Forum

Forum Topics

- Sustainable water resources development
- Sustainable water use
- Sustainable urban water management
- Water sustainability and circular economy
- Sustainable insurance of water ecological environment



