

Water quality is a powerful determinant of health, and the prevention of water quality related diseases presents a critical global health challenge. This conference will bring together scholars and practitioners from the University of California, Berkeley and the National Center for Rural Water Supply Technical Guidance (NCRWSTG), an agency of the Chinese Center for Disease Control and Prevention (CCDC), to discuss the latest research and developments related to water treatment, water management, disease prevention, and public health.



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<https://nature.berkeley.edu/iep/china-cdc-conference>

# Water and Health in China and Beyond

## 中国和其他国家的 饮水与健康

September 3, 2015  
8:30am-6:00pm  
UC Berkeley  
Faculty Club, Heyns Room



8:30-9:00 Coffee, tea, and light refreshments

9:00-9:15 Opening remarks

**J. Keith Gilles**, Dean, College of Natural Resources, University of California at Berkeley (UCB)

9:15-9:30 A brief introduction to the NCRWSTG and China CDC

**Yong Tao**, Director, NCRWSTG, Chinese Center for Disease Control and Prevention (China CDC)

9:30-10:00 Household water treatment in China: Results from our collaborative research project

**Alasdair Cohen**, Environmental Science, Policy and Mgmt; School of Public Health (UCB)

10:00-10:30 Treated wastewater in Chengdu: An economic option for peri-urban irrigation?

**Isha Ray**, Co-Director, Berkeley Water Center; Energy Resources Group (UCB)

10:30-10:45 Coffee & tea break

10:45-11:15 The NCRWSTG's current projects and research interests

**Qi Zhang and Qing Luo**, NCRWSTG (China CDC)

11:15-12:00 Panel discussion and Q&A: Water and health in China

**Yong Tao, Gang Zhu, Qi Zhang, and Qing Luo** (China CDC)

Moderated by **You-tien Hsing**, Chair, Center for Chinese Studies; Geography (UCB)

12:00-1:30 Lunch break

1:30-2:00 Cluster randomized trials in the study of waterborne diseases

**Jack Colford**, School of Public Health (UCB)

2:00-2:30 Matched cohort designs to study urban water infrastructure improvements

**Ben Arnold**, School of Public Health (UCB)

2:30-3:00 Intermittent water supply: Current understanding and knowledge gaps

**Kara Nelson**, Civil and Environmental Engineering (UCB)

3:00-3:30 Robust and low-cost arsenic remediation in groundwater used for drinking

**Ashok Gadgil and Susan Amrose**, Lawrence Berkeley National Laboratory

3:30-3:45 Coffee & tea break

3:45-4:15 Measuring the health impacts of household air pollution in China

**Kirk Smith**, School of Public Health (UCB)

4:15-4:45 Schistosomiasis transmission in irrigated agriculture in China: From control to termination

**Robert Spear**, School of Public Health (UCB)

4:45-5:15 Paying or not paying for safe water? Insights from arsenic-affected communities in India

**Caroline Delaire**, Civil and Environmental Engineering (UCB)

5:15-5:45 Health effects of potable water reuse

**David Sedlak**, Co-Director, Berkeley Water Center; Civil and Environmental Engineering (UCB)

5:45-6:30 Reception