

Workshop for the Global Water Pathogen Project and WHO: The Action Plan on Antimicrobial Resistance and Water Environment

Tuesday 18 September Session 2 (13:30-15:00), Room 1, Chair: Hiroyuki Katayama

13:30-13:45 Welcome and Introduction speech by Joan Rose

13:45-15:00 Presentations from Academics

13:45-14:10 **Sources, transport and fate of antimicrobial resistant bacteria and genes in the environment**

Gertjan Medema, KWR Water Cycle Research Institute,
The Netherlands

14:10-14:35 **Conjugative gene transfer between marine bacteria and *E. coli* under nutritious and oligotrophic conditions**

Satoru Suzuki, Ehime University, Japan

14:35-15:00 **Role of QMRA to identify water environment AMR data needs and Bayesian network management interpretation**

Nicholas Ashbolt, University of Alberta, Canada

Tuesday 18 September Session 3 (15:45-17:15), Room 1, Chair: Jörg E. Drewes

15:45-16:25 Presentations from Academics and WHO WASH officers

15:45-16:05 **Wastewater reclamation/reuse and antimicrobial resistance**

Daisuke Sano, Tohoku University, Japan

16:05-16:25 **World Health Organization policy directions on AMR and the environment**

Kate Olive Medlicott and Jennifer De France, WHO, Switzerland

16:25-17:15 Roundtable discussion

Facilitator: Gary Toranzos, University of Puerto Rico, Puerto Rico