



BRINGING RESEARCH TO LIFE ●●●●

TUESDAY OCTOBER 3

8:30 am - 10:00 am

**Low Carbon BNR Fundamentals
& Controls**

ROOM S502 - LEVEL 5

WRF PROJECT 5148

TANJA RAUCH-WILLIAMS, CAROLLO

8:30 am - 10:00 am

**The BNR Instrumentation &
Controls Selection Adventure**

ROOM S402B - LEVEL 4

WRF PROJECT 5087

SUSAN GUSWA, WOODARD & CURRAN



8:30 am - 10:00 am

**Updates on Microplastics
Occurrence, Regulation, & Removal**

ROOM S404A - LEVEL 4

WRF PROJECT 5088

NICOLE FAHRENFELD, RUTGERS UNIVERSITY

1:00 pm - 4:00 pm

**Utility Leaders Afternoon
(and Utility of the Future
Today Awards)**

ROOM S406A - LEVEL 4

*CO-HOSTED BY WEF, NACWA, US WATER
ALLIANCE, WATEREUSE, AND WRF*

1:30 pm - 3:00 pm

**Advancing Low-energy Biological
Nitrogen & Phosphorus Removal
Through Low DO Operation**

ROOM N426B - LEVEL 4

WRF PROJECT 5083

JOSE JIMENEZ, BROWN AND CALDWELL

1:30 pm - 3:00 pm

**Applications of Machine
Learning in Full-Scale
Nutrient Management Part I**

ROOM S504C - LEVEL 5

WRF PROJECT 5121

BRUCE JOHNSON, JACOBS

1:30 pm - 3:00 pm

Disinfection in the 2020s

ROOM S401A - LEVEL 4

WRF PROJECT 5141

*JOSH GOLDMAN, METRO WASTEWATER
RECLAMATION DISTRICT*

3:30 pm - 5:00 pm

**Case Studies of Machine
Learning in Full-Scale
Nutrient Management Part II**

ROOM S505B - LEVEL 5

WRF PROJECT 5121

BRUCE JOHNSON, JACOBS



3:30 pm - 5:00 pm

**Full-scale Continuous Flow
Densification Systems**

ROOM N426B - LEVEL 4

WRF PROJECT 5130

PUSKER REGMI, BROWN AND CALDWELL