



Water Reuse for Agriculture:
What Growers Need to Know
8am-1pm

8:00-8:30 Welcome & Introductions

8:30-9:00 Setting the stage: What is water reuse, why do we need it, and how can it conserve water, reduce nutrient loading in the Bay, and increase crop yields? – Dr. Rachel Goldstein (UMD)

9:00-9:30 How safe is reclaimed water? Comparing *E. coli* concentrations in river, pond, and reclaimed water with FSMA water testing standards – Dr. Angela Ferelli (UMD)

9:30-9:40 Break

9:30-11:00 Rotating Demonstrations:

- On-site treatment options: Zero-valent iron biosand filters – Dr. Manan Sharma (USDA)
- Consumer preferences – Dr. Maik Kecinski (University of Delaware)
- Recycled water access GIS database – Dr. Masoud Negahban-Azar (UMD)

11:00-11:30 Legal/Policy Review – Paul Goeringer and Mayhah Suri (UMD)

11:30-12:00 Lunch

12:00-1:00 Discussion Panel – Dr. Ching-Tzone Tien (MDE), Cory Boynton (Worton-Butlertown Wastewater Treatment Plant), Dr. Amy R. Sapkota (UMD)

1:00 Wrap-up & Adjourn