



Microplastics Webinar Description

Microplastics are the biggest emerging contaminant in water treatment. It is everywhere, from the water we drink to the water in our rivers & lakes, to the leachates, and wastewaters. And this problem will only get worse as plastics continue to spill into the environment and as the particles become even smaller over time.

Microplastics are not well removed with conventional treatment. Instead, we need to implement better methods of treatment. We will explore the use of membranes, activated carbon, ozone, wet air oxidation, and nanotechnology; as well as improving conventional treatment to aid in the overall removal of microplastics. Microplastics are not only toxic themselves, but they provide the perfect substrate for PFAS and other toxic organic compounds to adhere to. Without proactive treatment, this problem will only get worse.