



R.O. & Ion Exchange Webinar Description

Ion Exchange and membranes (including reverse osmosis) are commonly used for softening, precious metals recovery, and to increase water reusability. Ultrapure water is more important now than ever before.

We will look at membrane types and applications. Microfiltration is used in wastewater for solids filtration or even as a bio-membrane and in drinking water to replace conventional treatment. Ultrafiltration removes turbidities, oils, disinfection by product precursors, and some pathogens. The major application for reverse osmosis and ion exchange is softening. Learn the advantages of reverse osmosis & ion exchange, so you can make a better decision on which best suits your softening needs. Fouling is a major problem with membranes. Learn how to remedy fouling and how to prevent it. Both membranes and ion exchange systems generate a wastewater that must be permitted, but one generates greater quantities of wastewater while the other produces higher dissolved solids. Which is better for the environment? We will also explore activated carbon technology and its use in removing taste & odor compounds along with carcinogenic compounds.