S1.5.4 New Treatment Technologies - What's Happening?

Peter Cartwright
Cartwright Consulting Co.

The crossflow, pressure-driven membrane separation technologies of microfiltration, ultrafiltration, nanofiltration and reverse osmosis have dominated the water purification and wastewater treatment industries for several decades.

As a result of the rapidly growing demands driven by water shortages and regulatory issues, numerous new technology developments are being investigated by academic institutions and industrial laboratories.

This presentation discusses a number of them and addresses the state of commercialization and strengths and weaknesses for each.