



Highlights and Insights from WEFTEC

Spiral Water was pleased to showcase our patented and proven, easy to use yet powerful automatic self-cleaning filtration products and technology at WEFTEC. This year's event—the 98th annual conference—took place from September 27 to October 21 in Chicago, Illinois. Attracting a global audience of more than 20,000 registrants including water professionals from over 100 countries, it featured over 130 technical sessions, more than 1,000 exhibitors, 20 workshops, and numerous networking opportunities for members of the water sector.



Resilience and the circular water economy

This year's program focused on building a resilient water future with an emphasis on artificial intelligence (AI) and the circular water economy. The opening General Session included remarks from WEF leadership and a keynote address by United States Army Staff Sergeant (Ret.) Travis Mills, who shared his inspiring story of perseverance and resilience, and enduring mantra, "Never Up, Never Quit."

Other key themes in the event included:

AI and data integration: The growing intersection of water and artificial intelligence was a central theme. The Water-AI Nexus™ Center of Excellence featured dedicated sessions and theaters exploring how AI and generative AI (GenAI) are being used in utility operations, data analytics, and to help prepare the water workforce for new technologies.

Circular water economy: The Water Environment Federation (WEF) led the discussion about adopting a circular water economy, which promotes reducing waste, recovering resources, and regenerating ecosystems. A new Circular Water Economy Pavilion showcased technologies and strategies for water reuse, resource recovery, and sustainable industrial practices.

Innovation showcase: Numerous pavilions and theaters highlighted cutting-edge research and technologies for addressing water challenges. The Innovation Pavilion featured new ideas and breakthrough technologies, while the Product Launchpad Theatre offered companies a platform to announce new solutions.

Other highlights included:

Operations Challenge: A popular competition that tested the real-world skills of wastewater professionals in five timed events focused

on process control, collections, and safety.

Facility tours: Attendees had the option to tour a local hub for sustainable urban agriculture, to see its circular approach to water and energy conservation.

Spiral Water at the Show

Our popular booth featured Spiral Water's products and systems that can be used as standalone solutions, or integrated with the work of our sister organization, Sigma Design Company and its Industrial Water Solutions division. As always, it was busy and provided an ideal setting to showcase our technologies.

This year's booth highlight was a full-size, attention-getting, fully operational Model UV + Model 850 Automatic Prefilter Process Water System.

This system, which couples Spiral Water's patented automatic water filtration technology with UV disinfection, provides a chemical-free water treatment process that uses ultraviolet (UV) light to kill or inactivate harmful microorganisms, including bacteria, viruses, and protozoa. Highly effective, environmentally friendly, and easy to use, it is ideal for treating and disinfecting water in a wide range of industries and applications ranging from wastewater treatment, industrial water reuse, and makeup water, in industries ranging from aquaculture to pharmaceutical production, electronics manufacturing, food & beverage, and other industrial markets.

Our booth also featured a 3D model of our industry-leading T1000 High Solids Water Treatment Solution, backed up by an engaging step-by-step video.

A new development this year was the increasing interest from companies in the mining industry, the oil & gas sector, and municipalities.



Advantages of Spiral Water's Technology

Our products offer a global solution for multiple markets and applications—from industrial water and wastewater treatment, to biogas, food & beverage production, water reuse and recovery, offshore water treatment for desalination and wastewater treatment, biopharma, and farm waste conversion, just to name a few.

Easy to use, our filters are setting new standards of performance while significantly reducing Total Lifecycle Cost. They can filter water and other process fluids with up to 50 times higher solids than can be handled using traditional backwash filtration and separation technologies, while requiring just one pass and delivering 99% water recovery. In addition, their smaller footprint and lower weight contribute to reducing costs.

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