

INNOVATIVE SOLUTIONS FOR OIL WASTEWATER TREATMENT FEATURING DR. SWATI SHARMA OF WATER ENGINEERING INC.



Sunflower oil wastewater presents a significant challenge for water treatment professionals, but in an upcoming episode of Scaling UP! H2O, host Trace Blackmore engages in an enlightening conversation with **Swati Sharma, Ph.D.**, an esteemed expert in the field. Dr. Sharma, who specializes in wastewater treatment at **Water Engineering Inc.** (WEI), shares groundbreaking insights and knowledge, providing valuable solutions to the complex issue of oil wastewater treatment.

Dr. Swati Sharma's credentials are nothing short of impressive, with an engineering degree in environmental and biotechnology, complemented by a minor in chemical engineering. Her expertise is fortified by her groundbreaking research, including her thesis titled "How to Estimate the Best Treatment Conditions for Sunflower Oil Wastewater Using Advanced Electrooxidation Process." In this exclusive podcast episode, Dr. Sharma generously shares her findings, illuminating the world of electrooxidation processes and offering essential guidance for aspiring water treatment researchers.

Key Takeaways from the Episode:

The Journey of an Industry Expert: Dr. Swati Sharma reveals her remarkable journey into the water treatment industry, shedding light on her academic background and the motivating factors that have shaped her into a lifelong learner—a testament to the dedication and commitment of water professionals.

Sunflower Oil Wastewater Treatment: Explore Dr. Sharma's groundbreaking research on the treatment of sunflower oil wastewater. Gain a deep understanding of the challenges faced by industries, explore the available options, and discover which process is best suited for your specific wastewater treatment needs.

Electrooxidation Processes Unveiled: Delve into the world of electrooxidation processes, including electrocoagulation, electrooxidation, and electrochemical peroxidation. Learn how each process can effectively treat different types of wastewater, opening up new avenues for efficient treatment methods.

Tips for Aspiring Researchers: Dr. Sharma offers invaluable advice for emerging researchers in the water treatment industry. Discover the significance of selecting specific problems to solve, the importance of delving into existing research, and the transformative potential of embracing failures as stepping stones to success.

Dr. Sharma's expertise is reinforced by her words: "You need to use different chemicals for different kinds of waste removal." She further emphasizes the need to understand the characteristics of wastewater, stating, "It's not about the addition of chemicals, it's about understanding the characteristics of your wastewater."

As listeners immerse themselves in this enriching conversation, they will not only enhance their understanding of wastewater treatment but also draw inspiration from Dr. Sharma's expertise and unwavering commitment to her field.

Dr. Sharma's findings and insights are set to revolutionize the field of oil wastewater treatment, making this episode a must-listen for water treatment professionals and anyone interested in the critical role of water in our world.

The **Scaling UP! H2O** episode featuring Dr. Swati Sharma will be available on 11.03.2023 at scalinguph2o.com. Subscribe to Scaling UP! H2O and stay tuned for the release, and gain access to this invaluable source of knowledge that will undoubtedly enhance your understanding of wastewater treatment.

About the Scaling UP! H2O podcast

The leading podcast for professionals in the industrial water treatment industry, providing easily accessible educational content for experts worldwide. Hosted by Trace Blackmore, CWT, former AWT President, and recipient of the Ray Baum Memorial Award, Scaling UP! H2O features groundbreaking weekly podcast episodes and daily digital content on social media platforms. With over 10,000 weekly downloads and a ranking in the top 3% of all podcasts globally by Listen Notes, Scaling UP! H2O delivers the very best digital content for professionals in the water industry. For more information on Scaling UP! H2O and to access previous episodes, visit scalinguph2o.com.

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