

Dr. Domenico Santoro

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Dr. Domenico Santoro [[Adjunct Professor, Western University](#) & Director, Research and Innovation, [USP Technologies](#)]

is a professor and researcher specializing in advanced water and wastewater treatment, with a focus on quaternary treatment processes, advanced oxidation and reduction technologies, and micropollutant control. His work bridges fundamental process modeling, high-resolution analytics, and real-world implementation, with applications ranging from potable reuse to



greenhouse-gas mitigation in urban water systems. He is actively involved in international research collaborations across Europe and Canada and leads several innovation and commercialization initiatives linking academia, utilities, and industry.