

Nanomaterials used in Environmental Remediation – A Global Perspective

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Nanotechnology is an emerging technology with the potential to significantly impact many facets of science to improving quality of life. Nanotechnology has been extensively used in many consumer products ranging from sunscreens to environmental remediation solutions.

In this presentation we will address the state of the art nanotechnologies used in environmental remediation and the sustainability and life cycle aspects in a variety of sectors in which nanotechnology has the potential to give rise to environmental benefits. Due to the rapidly evolving climate, we are closely monitoring the nanotechnology industry. We will present updates of the latest information from various international conferences and regulatory bodies.

Dr. Stephen Goudey, Ph.D.

Dr. Goudey is the founder and President/CEO of HydroQual Laboratories Ltd. He has been an environmental toxicologist for over 25 years and has become an industrial academic leader in the advancement of knowledge in testing and screening for environmental contaminants. He has conducted thousands of toxicity tests and completed over 400 projects (GLP studies, products, forensic ecotoxicological investigations, contaminated sites and water quality). Dr. Goudey has extensive experience in strategic planning and business development, method development, consulting, project management, senior technical review and evaluation and application of new technologies for environmental management. Dr. Goudey has given over 120 presentations at scientific conferences and has 26 peer review publications. He has designed, built, and managed toxicity testing facilities in North America, Europe, Asia and Australia.