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Dr. Danuta Leszczynska was trained as a chemical engineer (B.S.), organic chemist (M.S), and environmental engineer (PhD). Her current research interest is related to nanomaterials and nanotechnologies. Dr. Leszczynska is also an expert in areas linked to traditional environmental engineering, such as water and wastewater treatment and soil remediation. Over years, she was directing numerous studies related to engineering approach to environmental pollution, such as behavior and removal of organic and metallic pollutants from water and soil matrixes or toward scientific understanding of mechanisms behind interactions of chemicals with nanoparticles. She is collaborating with scientists and engineers from various countries, such as Ukraine, Croatia, Romania, Poland, Turkey, Slovakia, and China. Dr Leszczynska is a Fulbright Scholar, member of National Academy of Inventors, appointed panelist and reviewer for the Council of International Exchange of Scholars and for the Transportation Research Board of the National Academies. She is recipient of numerous awards and honors; author and co-author of about 200 peer reviewed publications, and principal investigator or co-principal investigator of research grants totaling about \$2millions.