

Syed Hashsham

Associate Professor of Civil and Environmental Engineering at Michigan State University

East Lansing, MI, US

An expert in environmental engineering issues and detection of microorganisms important to drinking water and wastewater

Biography

Dr. Hashsham's research focuses on environmental molecular biology and mathematical tools to address environmental engineering issues. Current research focuses on the development of DNA biochips for parallel detection of microorganisms important to drinking water and wastewater. Approaches for improved detection limit, sample concentration, probe design, and validation are of special interest. Dr. Hashsham is also interested in developing new tools to manage mixed microbial communities important to environmental biotechnology.

Industry Expertise

Writing and Editing, Education/Learning, Research, Environmental Services

Areas of Expertise

Infectious Disease, Wastewater, Drinking Water, Biosecurity

Education

University of Illinois at Urbana-Champaign

Ph.D. Environmental Engineering

Indian Institute of Technology, Bombay

M.S. Environmental Engineering and Science

Aligarh Muslim University, India

B.S. Civil Engineering

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