

26TH ANNUAL NJDOT RESEARCH SHOWCASE PATHWAYS TO SUSTAINABILITY

Title: Navigating the Future: Sustainable & Resilient Infrastructure

Indira Prasad, PhD (Student), ALM, MS-TM, MS-EM, MBA, BE, PMP, ASQ-CMQ/OE, ENV-SP, LSS, SSBB

Indira Prasad is a dynamic change agent and an expert in project and portfolio management, quality assurance, sustainability, and infrastructure management. She has significantly contributed to global, national, and regional organizations for over twenty years. As Associate Director for the City of New York's Transformation and Change Office, her extensive portfolio includes tackling complex projects and their challenges. Her previous roles include key positions across various disciplines at the Metropolitan Transportation Authority, Royal P&O Nedlloyd, A.P. Moller Maersk, and Mitsui Group.

Indira's academic journey, which has focused on diversified areas, is a testament to her dedication to learning and expertise in multi-disciplinary fields. She holds a Master's Degree in Sustainability from Harvard University, a dual Master's in Engineering Management and Technology Management, an MBA in Operations Management, and a Bachelor's in Computer Science and Engineering. She is pursuing a Ph.D. in Civil and Environmental Engineering from Stevens Institute of Technology, NJ.

Her research focuses on Sustainable and Resilient Infrastructure, Life Cycle Assessment, Urban Cities and Sustainable Transportation, Climate Change and its impacts on Infrastructure, and AI in Civil Infrastructure. Indira is certified in PMP, ASQ CMQ/OE, ENV-SP, Six Sigma Lean, and Black Belt.
