

Challenges and Innovation in Civil and Environmental Engineering and Earth Sciences FALL 2021 Seminar Series

Thursdays, 3:30pm-4:30pm, 140 DeBartolo

Public Event: Masks required

September 2	Shirley J. Dyke Professor of Civil Engineering, Professor of Mechanical Engineering, Purdue University Resilient ExtraTerrestrial Habitats institute: Vision and Challenges
September 9	Erol Kalkan, PE CEO & Founder, QuakeLogic Next Generation Structural Health Monitoring and Smart Cities
September 16	Michael J. Massman Deputy Project Manager, Massman Construction Co. Major River Bridges: Structure Type Selection and Construction
September 30	Kevin Murphy Estimating Department Manager, Mass Electric Construction Co., Kiewit Revitalizing Critical Operational Mass Transit Infrastructure
October 28	Hugh J. Roberts Senior Vice President and Chief Operating Officer, The Water Institute of the Gulf What is Resilience: Lessons learned from two decades trying to answer this fundamental question
November 4	Megan Crowley Environmental Manager, Republic Services Talking Trash: Harnessing the Power of Waste
November 11	Art K. Umble, PhD, PE, BCEE, F.WEF Senior Vice President, Global Wastewater Sector Leader, Director: Stantec Institute of Water Technology & Policy, Stantec Consulting, Inc. Environment and Economy: Promoting Biomimicry Principles to Build a Circular Economy
November 18	Andrew O'Donnell, PhD Director of Operations, Research and Model Department, AIR Worldwide Imagining the Storm: Developing Catastrophe Models to Quantify Risk in an Uncertain World