

## SPEAKER INFORMATION

*Date:* Wednesday, October 26, 2022  
*Event:* "Built Environment: The Next Generation"  
*Time:* 10:45 am – 11:45 am

**Esber Andiroglu, Ph.D.**

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Dr. Esber Andiroglu is a University of Miami associate professor of practice with a primary appointment in civil and architectural engineering and secondary appointments in chemical, environmental and materials engineering and architecture. He serves as director of the M.S. degree program in construction management and as coordinator of the Engineering and Technology Education Outreach Program, College of Engineering.

Dr. Andiroglu is a registered professional engineer and a LEED-accredited professional educator who has extensive industry experience in the evaluation, design, operation and performance analysis of systems in built environments. His public education efforts focus on sustainability, preservation and recovery of energy and water resources, and empowering local communities.

As the director of the Sustainability and Resilience Adaptation Laboratory (SUREAL), Dr. Andiroglu's research focuses on development of virtual fan/pump flow meters and their application to air/water conveyance systems for achieving optimized performance efficiency. Additional areas of interest include research and development of engineered solutions related to smart water-energy infrastructures in response to climate change challenges in urban community settings. He earned B.S. and M.S. degrees in mechanical engineering from Penn State University, and Ph.D. in civil/architectural engineering from the University of Miami.