

Stanford



Iro Armeni

Acting Assistant Professor, Civil and Environmental Engineering

Bio

BIO

Iro Armeni will be Assistant Professor of Civil and Environmental Engineering in autumn of 2023. She is interested in interdisciplinary research between Architecture, Civil Engineering, and Visual Machine Perception. Iro focuses on developing quantitative and data-driven methods that learn from real-world visual data to generate, predict, and simulate new or renewed built environments that place the human in the center. Iro's goal is to create sustainable, inclusive, and adaptive built environments that can support our current and future physical and digital needs. As part of her research vision, she is particularly interested in creating spaces that blend from the 100% physical (real reality) to the 100% digital (virtual reality) and anything in between, with the use of Mixed Reality.

Iro completed her PhD at Stanford University on August 2020, Civil and Environmental Engineering Department, with a PhD minor at the Computer Science Department. Afterwards she was a Postdoctoral Fellow at ETH Zurich working at both the Computer Science and Civil, Environmental, and Geomatic Engineering Departments (2023). Prior to her PhD, she received an MSc in Computer Science (Ionian University-2013), an MEng in Architecture and Digital Design (University of Tokyo-2011), and a Diploma in Architectural Engineering (National Technical University of Athens-2009). She has also worked as an architect and consultant for both the private and public sector.

Iro is the recipient of the ETH Zurich Postdoctoral Fellowship, the Google PhD Fellowship, and the MEXT Scholarship.