

DR. ALVARO RUIZ EMPARANZA, PhD

Postdoctoral Associate



Alvaro Ruiz Emparanza is a distinguished Postdoctoral Associate at the University of Miami. Alvaro graduated with honors from the University of the Basque Country, with a bachelor's degree in civil engineering. He continued his education at the University of Applied Science Fachhochschule, Münster, earning a master's degree in civil engineering, also with honors. He then pursued a Ph.D. in Civil Engineering at the University of Miami, focusing his research on the durability assessment of alternative reinforcing systems for concrete structures, such as fiber-reinforced polymer (FRP) rebars and the structural performance of reinforced concrete structures reinforced with FRP. During his academic career, Alvaro received multiple fellowships and scholarships which include the President's Fellowship Award by the American Concrete Institute (ACI) Foundation and the Wulkan Family Endowed Scholarship by the American Public Transportation Foundation (APTF). Before joining the University of Miami as a Postdoctoral Associate, Alvaro served as the Director of Engineering and Business Development of Mafic USA, LLC.

Fun fact: Apart from his professional endeavors, he maintains an active lifestyle and enjoys engaging in all types of sports. He recently completed an Ironman 70.3 triathlon, and has had the opportunity to climb Mount Kilimanjaro, Africa's highest peak.



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