

Dr Antonis Michael: obtained his BSc in Civil Engineering from Tennessee Technological University, USA in December of 1999 and his MSc in Structural Engineering from the University of Maine, USA with a focus in wood and FRP structures in 2002. In 2006 Dr Michael received the Doctor of Philosophy degree in Structures from the University of Florida, USA, focusing on concrete structures reinforced with Fiber Reinforced Polymers (FRP). Dr Michael is an Associate Professor in the Department of Civil Engineering at Frederick University and an affiliated researcher with the Frederick Research Center (FRC). Prior to his current appointment he worked as a researcher at Florida Department of Transportation Structures Research Center and as a lecturer/researcher at the University of Florida. During his tenure in Florida, he coordinated or participated in several research projects involving repair/strengthening of concrete structures using FRP composites, load testing of bridges and evaluation of their capacity as well as long-term monitoring of structural repairs in the field. At FRC Dr Michael got involved in several projects as a research team member in the areas of sustainable construction, retrofitting and use of urban greening systems in buildings. His research interests primarily lay in the field of engineering structures and materials and in particular structural concrete design and testing, repair/strengthening of timber and concrete structures with Fiber reinforced polymers (FRP), instrumentation and testing of timber and concrete structures, characterization and testing materials. In addition to his main scientific concerns, he is interested in the application of non-destructive techniques in the evaluation of the structural condition of structures.