

Individual Industrial Member:
Wilson Carofilis

Short CV:

A Civil Engineer with experience in the structural field and starting to build a background in earthquake engineering. My career has been very much complemented, influenced and shaped since I worked as a Junior Structural Engineer in NYLIC for about four years; place where I had the opportunity to put my neverending passion for structural analysis and design to the test, and time in which I acquired expertise in different and useful engineering software packages. The encouragement to pursue higher education in Earthquake Engineering grew given the past seismic events in my home country Ecuador.

I completed the ERASMUS Master program in Earthquake Engineering and Engineering Seismology (MEEES) from which new beginnings and skills have been accomplished and proudly added to my professional background. During this phase, I was successfully exposed to top line software for analysis and assessment of structures, as well as modern techniques and procedures which have enriched my knowledge and thirst to keep growing professionally. But more importantly, my studies at IUSS introduced me into the world of non-structural elements, specially learned about the analysis and design of such elements, how their influence affects structural response and directly increase monetary losses. A deeper understating of this field was developed after carrying out my master dissertation and research grant which included the retrofit of non-structural elements for school buildings in Italy. These retrofitting alternatives were based on recommendations and techniques described by FEMA E-74.

My thrives include perseverance to find solutions to technical problems, and self-motivation to acquire and improve skills. My goal is to keep on innovating and serve as inspiration to other professionals through my work and experience.