

ANA DE DIEGO CASTRO

BS Civil Engineering

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Green Card Holder

EDUCATION AND TRAINING

1995-2000: Bachelor's Degree in Civil Engineering (Polytechnic University of Madrid, Spain)

WORK EXPERIENCE

My professional profile has been developed in the field of the assessment of existing structures, including visual inspection, structural survey, structural and environmental monitoring, application of non-destructive tests and load-testing methods. Since 2017 I am engaged in the research field related to study of the properties of structural reinforcement composite materials.

May 2017 - Current.

University of Miami at the Structures and Materials Laboratory (College of Engineering. Civil, Architectural and Environmental Engineering Department) as a Research Associate I am involved in the external clients Projects to ensure the achievement of the quality and technical requirements, planning the resources, supervising the documentation generated and reporting the Project progress to the Laboratory Manager. Other responsibilities are related to the analysis of the testing results and elaboration of reports.

January 2017 - May 2017.

University of Miami at the Structures and Materials Laboratory (College of Engineering. Civil, Architectural and Environmental Engineering Department) as a Research Assistant participating in the core laboratory activities as the preparation of samples and testing.

May 2015 - August 2015.

Technical responsible of project at **ZYP Ingenieria Geomatica SL**. During that time I head the team to carry out a Falt Jack test campaign at the tunnel under construction for the high speed train corridor Madrid-Galicia (construction company FCC-ACCIONA).

August 2007 - June 2013.

Civil engineer in the pathology survey department, at **Investigación y Control de Calidad SA (INCOSA)**. As a pathology and structural technician, I carried out activities such as preparation of proposals, budgets and technical reports as well as the coordination of the operation of the staff. In this position I had to deal with different type of constructions: buildings, bridges and tunnels even some of them with historic characteristics. I also assumed the coordination of the Monitoring department.

March 2000 - August 2007.

Civil engineer in the structural department at **Geotecnia y Cimientos SA (GEOCISA)**. I carried out activities such as principal engineering jobs (calculation, specifications, etc), site visits, in situ testing, performing an important amount of visual inspections for bridge maintenance and accomplishing several building structural studies including technical proposals for reparation and reinforcing.

ADITIONAL SKILLS

Involve in Research and Development projects in Spanish and European programs:

- Management of Monuments. CDTI, ATYCA program. Department of Industry and Energy of Spain (1999 -2001).
- On-site investigation techniques for the structural evaluation of historic masonry buildings (ONSITEFORMANSORY), European Union Project "City of Tomorrow & Cultural Heritage" (2002-2004).
- Strengthening with anchors in masonry. Investments and Services Agency of Castilla y Leon, Spain. (2008-2010).

Concerning Languages, Spanish is my mother tongue, my level is high in English (read, written or spoken).