



Ana Jiménez del Barco Carrion **Investigadora - Área de Ingeniería de la Construcción**

CV Abreviado

Doctora en Ingeniería Civil por la Universidad de Nottingham en Reino Unido desde 2017. Su especialidad reside en el desarrollo de ingeniería sostenible para infraestructuras del transporte. Sus principales líneas de investigación se centran en el desarrollo de técnicas de reciclado de residuos y uso de materiales alternativos para infraestructuras del transporte, incluyendo su análisis de sostenibilidad. Su carrera se ha desarrollado en un contexto internacional marcada por su amplia participación en proyectos internacionales con socios de todo el mundo.

En 2014, ganó un contrato de investigación pre-doctoral Marie-Sklodoswka Curie para llevar a cabo su tesis doctoral en la Universidad de Nottingham en Reino Unido en el Nottingham Transportation Engineering Centre (NTEC). En 2019, con su proyecto Bio-ROAD, consiguió un contrato post-doctoral Marie-Sklodoswka Curie en el programa Athenea3i COFUND como investigadora principal. Actualmente, forma parte del departamento de Ingeniería Civil de la Universidad de Granada, en el área de Ingeniería de la Construcción.

Ha publicado más de veinte (20) artículos indexados en revistas de la base de datos Web of Knowledge JCR, dirigido 3 tesis de máster, y actualmente dirige 2 tesis doctorales, una en la Universidad de Nottingham y una en la Universidad de Granada. Además, es miembro activo de varios comités de RILEM (International Union of Laboratories and Experts in Construction Materials, Systems and Structures), liderando uno de ellos, y Topic Editor de la revista Sustainability (MDPI, Índice de Impacto 2.576 en 2019, Q2 en Environmental Sciences).

Short CV

PhD in Civil Engineering by The University of Nottingham in United Kingdom in 2017. Dr Jiménez del Barco Carrión's expertise is on sustainable engineering, focused on transport infrastructures. Her research lines involve the development of effective techniques for the recycling of wastes and the use of alternative materials in transport infrastructures, including their sustainability assessment. Her career has always been developed in an international context with her participation in European projects including partners from all over the world.

In 2014, she was awarded a Marie-Sklodoswka Curie (MSCA) Fellowship as an Early-Stage Researcher to carry out her PhD at the University of Nottingham (United Kingdom) in the Nottingham Transportation Engineering Centre (NTEC). After the completion of her PhD, Dr Jiménez del Barco Carrión was hired as a Research Fellow at NTEC, working in international projects. In 2019, her project Bio-ROAD was awarded a postdoctoral MSCA fellowship in Athenea3i COFUND. Currently, Dr Jiménez del Barco Carrión is a Research Fellow in the Civil Engineering department and Principal Investigator of Bio-Road at the University of Granada, Spain.

As results of her research activity, she has more than 20 indexed papers published in international journals, has supervised 3 MSc theses, being two of them international collaborations, and is currently supervising 2 PhD theses, one at the University of Nottingham and one at the University of Granada. In addition, she is an active member of several RILEM (International Union of Laboratories and Experts in Construction Materials, Systems and Structures) committees, leading one of them, and Topic Editor in the journal Sustainability (MDPI, Impact Factor 2.576 in 2019, Q2 in Environmental Studies).