

Dr. Nicoleta Cobirzan is an Associate Professor at Civil Engineering Faculty, Technical University of Cluj Napoca, Romania. She earned her Bachelor's Degree in Civil Engineering in 2002, the master's degree in Energy, Energy Resources and the Environment in 2006, and PhD degree in field of civil engineering in 2008.

Since 2002 she has been teaching different seminars and lectures at Faculty of Civil Engineering: Buildings I, Buildings II- design of masonry structures, Buildings III- design of reinforced concrete structures, Thermal engineering for buildings, Strengthening of masonry buildings, Seismic evaluation of the buildings safety. She also supervised more than 60 diploma and dissertation projects, and since 2013 she has been coordinator for five bilateral Erasmus agreements.

Dr. Cobirzan has been involved during 2003-2016 as responsible or member in different educational grants or structural design and expertise projects. She published five books as first author or co-author, and over than 60 scientific papers (12 articles indexed ISI Web of Knowledge, 15 articles published in journals indexed in international databases (IDB) and 38 scientific papers published at conferences). Since 2011 till present she has been member of Scientific Committee or reviewer for different proceedings of the conferences or journals.

The main field of interest and research expertise areas are based on: structural analysis of buildings and modeling issues, design of low energy or nZEB buildings, structural and thermal rehabilitation of existing buildings, evaluation of the seismic vulnerability of existing buildings, microscopy and non-invasive methods of investigations of old and new building materials.