



## SHORT BIO

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**Marija Smilović Zulim** is born 6th November 1974 in Zadvarje. She finished elementary school in Šestanovac and high school in Split. In the 1993/1994 she enrolled in Faculty of Civil Engineering, University of Split from which she graduated on 16th December 1999. After completing her studies, she worked as a professional associate at the Faculty of Civil Engineering and Architecture, University of Split, from February 2002 to December 2008. From December 2008 to December 2014, she worked at the same faculty as a research assistant. She successfully defended her dissertation titled "Behavior and Numerical Modeling of Masonry Structures Under Static and Dynamic Loading," on November 21, 2014, at the Faculty of Civil Engineering, Architecture, and Geodesy at the University of Split, by that became PhD in Civil Engineering, field Bearing Structures. From November 2018 she worked as a Assistant Professor on Faculty of Civil Engineering, Architecture and Geodesy, University of Split. From September 2023 she worked as a Associate Professor on Faculty of Civil Engineering, Architecture and Geodesy, University of Split. From 2023. till today she is performing the duty of Head of Department of Concrete Structures and Bridges.

Since her employment at the Faculty of Civil Engineering, Architecture, and Geodesy, University of Split, she participated in research work through scientific projects: "Experimental and Numerical Research on the Earthquake Resistance of Buildings," and the project "Finding Efficient Solutions for Increasing the Earthquake Resistance of Masonry Buildings" (project FGAG-Civil Engineering Faculty in Mostar). As part of these projects, she contributed to the development and verification of a nonlinear numerical model for simulating structural behavior under static and seismic loading, based on the finite element method.

She is involved in two ZIU projects: the first project titled "Experimental and Numerical Testing of Materials and Structures Under Static, Dynamic, and Impact Loads" (using the Earthquake Testing Laboratory), and the second project titled "Development of Cement Composites for Special Applications in Civil Engineering" (using the Construction Materials Laboratory).

As a co-author, she published 12 scientific articles in journals indexed in WoSCC, 18 scientific articles indexed in Scopus, 1 professional paper indexed in WoSCC, 6 professional papers in journals indexed in other significant bibliographic databases, 3 scientific papers in conference proceedings with international peer review, 5 scientific papers in proceedings of other scientific conferences, and 3 chapters in scientific books. According to the Web of Science, the number of citations is 69. H indeks is 4. She is married. Her record is available at:

<https://www.croris.hr/osobe/profil/28581>

ACEX2025 in Naples, Italy