

Tetyana Shevchenko

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ACADEMIC BACKGROUND

Prydniprovsk State Academy of Civil Engineering and Architecture, (PSACEA), Dnipro

Ph.D. thesis on the predicting of the reliability of reinforced concrete structures by logic-probabilistic methods. Manuscript, 2008. Thesis for the scientific degree of Candidate (Ph.D.) of Technical Sciences in specialty 05.23.01 – «Building constructions, buildings and structures».

Corresponding member of the Academy of Construction of Ukraine, 2013.

WORK EXPERIENCE

Prydniprovsk State Academy of Civil Engineering and Architecture, (PSACEA), Dnipro

Associate Professor

2008 – present

Department of reinforced concrete and masonry structures, PSACEA, Dnipro

Teaching: fundamentals on the structural concrete and practical skills in the methods of design the reinforced concrete and masonry structures, applications of the various types of structural members in building systems.

Assistant Professor

2007 – 2008

Department of reinforced concrete and masonry structures, PSACEA, Dnipro

Teaching: fundamentals of reinforced concrete structures design, computer aided design systems.

RESEARCH INTERESTS:

Reliability of reinforced concrete structures
Sustainable design of buildings and structures

PUBLICATIONS:

1. Quality control the technical condition of the building structures by randomization/M.V. Savytskyi, T.J. Shevchenko, O.M. Savytskyi,A.M. Savytskyi /IOP Conference Series: Materials Science and Engineering, Vol.708, № 012070 (2019), Pages 1-9. DOI:10.1088/1757-899X/708/1/012070

URL:<https://iopscience.iop.org/article/10.1088/1757-899X/708/1/012070/pdf>

2. Quantitative design methods for protection against corrosion of reinforced concrete structures during various stages of their life cycle / Savytskyi M., Uncik S., Bardakh O., Savytskyi A., Shevchenko T., Savytskyi O. // Slovak Journal of Civil Engineering. – 2020. – Vol. 28, No. 3. – P. 8–12. DOI: <https://doi.org/10.2478/sjce-2020-0018>

URL:<https://www.sciendo.com/article/10.2478/sjce-2020-0018>

3. Quantitative design methods of corrosion protection the reinforced concrete structures at the stages of the life cycle / Mykola Savytskyi, Olexandr Bardakh, Andriy Savytskyi, Tetiana Shevchenko, Vyacheslav Chernets / Proceedings of the enviBUILD 2019/Edited by: Hraška Jozef: Sciendo, 2020. - P. 153–158.

URL: <https://doi.org/10.2478/9788395669699-025>

4. Simple Methods of Increasing the Energy Efficiency of Windows in the Reconstruction of Old Buildings / Tetiana Nikiforova, Artem Sopilniak, Anatolii Radkevych, Tetiana Shevchenko// Innovative lifecycle technologies of housing, industrial and transportation objects: Monograph. Dnipro - Bratislava: SHEE “Prydniprovsk State Academy of Civil Engineering and Architecture” - Slovak University of Technology in Bratislava, 2018. Pages 94-101.

URL: <http://eadnurt.diit.edu.ua/bitstream/123456789/10580/1/Nikiforova.pdf>

PROFESSIONAL PROFILE

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<https://www.webofscience.com/wos/author/record/2407631>

LINGUISTIC COMPETENCIES

- Ukrainian (native speaker)
- Russian (native speaker)
- English (intermediate)