

Anatolii Tytiuk

Date of birth: 16.06.1961

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ACADEMIC BACKGROUND

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

Ph.D. Durability of reinforced concrete bending elements in liquid sulfate environments. Manuscript, 2003.
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, 2007.

WORK EXPERIENCE

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

Head of the scientific research department of PSACEA

2003 – present

Associate Professor

1992- present

Department of reinforced concrete and masonry structures, PSACEA, Dnipro

Teaching: fundamentals on the behavior of 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, CAD systems and BIM in reinforced concrete structures design, methods of assessment the technical state and strengthening of reinforced concrete and masonry structures.

Assistant Professor

1991 - 1992

Department of reinforced concrete and masonry structures, PSACEA, Dnipro

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

Deputy Dean of the Faculty of "Industrial and Civil Engineering"

1992 - 2003

PROFESSIONAL EXPERTISE:

Key researcher in scientific research projects financed by the Ministry of Education and Science of Ukraine.

Member of the Subcommittee on Timber structures of Technical Committee on building constructions of the Ministry of Regional Development and Construction of Ukraine.

PROFESSIONAL INTERNSHIP:

2018 – 2019 Team member InStep Project. International Sustainable Engineering Practices (www.instep.cab.sk)

2020 – present Team member Horizon 2020 Precept Project (<https://www.precept-project.eu/>)

SCIENTIFIC EXPERIENCE

RESEARCH INTERESTS:

Technical survey of buildings and structures - Certificate in the direction of "Expert" series AE No. 000808 dated 03.10.12.

Technical supervision of the construction of buildings and structures - Certificate in the direction "Technical supervision of the construction of buildings and structures" series No. 005005 dated 25.12.15.

Resource-efficient and environmental friendly structures

Hybrid timber-reinforced concrete structures

Green construction

Sustainable design of buildings and structures

Carbon footprint of buildings and structures

PUBLICATIONS:

1. Yarovoj S. N. Defects and damage of metal supporting towers, typology and statistical analysis of injury / S. N. Yarovoj, A. O. Tytiuk, O. V. Yarova // Scientific bulletin of civil engineering. – 2020. – Vol. 100, № 2. – P. 158–163. – URL: https://vestnik-construction.com.ua/images/pdf/2_100_2020/27.pdf (date of access: 15.02.2023).
2. Information support for monitoring the technical condition of buildings and structures / S. V. Bogachenko, S. V. Shatov, A. O. Tytiuk, A. A. Rudin // Innovative Technologies in Construction, Civil Engineering and Architecture : Abstracts of the XIX International Scientific and Practical Conference, Chernihiv, (19-22 september 2021). – Dnipro : PDABA, 2021. – P. 104–105. – URL: <http://srd.pgasa.dp.ua:8080/handle/123456789/7310> (date of access: 15.02.2023).
3. Shatov S. The use of wind turbines for green building / Sergii Shatov, Anatolii Tytiuk, Andriy Tytiuk // Sustainable housing and human settlement : monograph / SHEE “Prydniprovsk State Academy of Civil Engineering and Architecture”; Slovak University of Technology in Bratislava ; under the general edit. of Savytskyi M. – Dnipro ; Bratislava, 2018. – P. 152–158. – URL: <http://srd.pgasa.dp.ua:8080/xmlui/handle/123456789/9855> (date of access: 15.02.2023).
4. Shatov S. Examination of the foundations condition of the wind turbines at Botievska wind power station (WPS) / Sergii Shatov, Anatolii Tytiuk, Evgeniy Bausk, Andriy Tytiuk // Innovative lifecycle technologies of housing, industrial and transportation objects : monograph / SHEE “Prydniprovsk State Academy of Civil Engineering and Architecture”; Slovak University of Technology in Bratislava ; under the general edit. of Savytskyi M. – Dnipro ; Bratislava, 2018. – P. 76–83. – URL: <http://srd.pgasa.dp.ua:8080/xmlui/handle/123456789/9850> (date of access: 15.02.2023).
5. Department of reinforced concrete and stone structures : from soil concrete to 3d-printing technology of construction objects on the moon : collective monograph / M. V. Savytskyi, M. M. Babenko, M. V. Bordun and other ; under the general edit. of dr prof. of techn. sciences M. Savytskyi. – Dnipro : IE Oblasov V. A., 2020. – 414 p. – URL: <http://srd.pgasa.dp.ua:8080/handle/123456789/6241> (date of access: 15.02.2023)..

PROFESSIONAL PROFILE

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LINGUISTIC COMPETENCIES

- Ukrainian (native speaker)
- Russian (native speaker)
- Deutsche (advanced)