

# Volodymyr Shalomov

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## ***ACADEMIC BACKGROUND***

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

PhD thesis is devoted to improving the safety of construction facilities by ensuring the normal functioning of building materials and structures in extreme conditions. Manuscript, 2002. Thesis for the scientific degree of Candidate (Ph.D.) of Technical Sciences in specialty 05.26.01 - Labour Protection (263 - Civil Safety).

## ***WORK EXPERIENCE***

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

**Associate Professor**

**2004 - present**

*Department of Life Safety, PSACEA Dnipro*

Teaching: civil protection, basics of labour protection and civil protection, labour protection in the industry, ergonomics, theory of combustion and explosion, safety in emergency response, methodology, organisation and technology of scientific research.

## ***PROFESSIONAL EXPERIENCE:***

- Member of the Specialised Academic Council K 73.736.01 for the defence of PhD theses in the speciality 21.06.02 “Fire Safety” of the Academy of Fire Safety of Ukraine named after the Heroes of Chernobyl (Cherkasy) (2013-2015);
- Scientific consultant of the LLC «Design and Construction Bureau PROEKTSTALKONSTRUCTION»; LLC «TMD GROUP»; Institute of Public Administration and Civil Protection Research;
- Full member of the Academy of Construction of Ukraine (Dnipropetrovsk branch) since 2019;
- Medal of the Academy of Civil Engineering of Ukraine, laureate of the Budnikov Prize (2021);
- Responsible executor of the state budget topic: «Safety in various spheres of human life and labour protection», state registration number 0120U105444, registration date 14.12.2020.

## ***SCIENTIFIC POTENTIAL***

135 scientific publications, 60 works of the scientific metric bases (3 Scopus), 4 invention patents, 45 educational and methodological works, 8 textbooks and training manuals, and 4 monographs

## ***RESEARCH INTERESTS***

Improving fire safety during emergency rescue operations in extreme situations; assessment of life safety in the event of extreme conditions (fires, accidents, natural disasters); fire prevention in production conditions; fire safety and life safety in conditions of negative impact of various factors; assessment of fire hazard of objects and consequences of fires in buildings and structures; reducing flammability and increasing fire resistance of building structures through the use of fireproof coatings, risk-based approaches to labour protection, workplace ergonomics, radiation safety.

## ***PROFESSIONAL PROFILE***

<https://orcid.org/0000-0002-6880-932X>

<https://scholar.google.com/citations?user=44UQHT4AAAAJ&hl=en>

<https://www.scopus.com/authid/detail.uri?authorId=41762635500&eid=2-s2.0-85063280753>

<https://www.webofscience.com/wos/author/record/3472551>

## ***LINGUISTIC COMPETENCIES***

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

## ***PUBLICATIONS:***

**1. Physical modeling of changes in the energy impact on a worker taking into account high-temperature radiation** / International Scientific Journal / S. Ragimov, V. Sobina, S. Vambol, V. Vambol, A. Feshchenko, A. Zakora, E. Strejekurov, V. Shalomov // Journal of Achievements in Materials and Manufacturing Engineering, vol. 91/1 (2018), pp. 27-33. DOI:[10.5604/01.3001.0012.9654](https://doi.org/10.5604/01.3001.0012.9654)

**2. Improvement of the method of calculating a group of sound-insulating panels** / International Scientific Journal / A. Bielikov, O. Mamontov, R. Papirnyk, T. Stytsenko, K. Ostapov, V. Shalomov, S. Ragimov, A. Melnichenko // Eastern-European Journal of Enterprise Technologies, vol. 6/10 (102) 2019, pp. 55-60. doi.org/10.15587/1729-4061.2019.185860

**3. Regularities of safe control of piston compressor units of mobile compressor stations** / Z.N. Matsuk, T.V. Bunko, A.S. Belikov, V.A. Shalomov // Науковий Вісник Національного гірничого університету.- Дніпро: НТУ «Дніпровська політехніка», 2021. №2 (182). С.76-81. [doi.org/10.33271/nvngu/2021-2/076](https://doi.org/10.33271/nvngu/2021-2/076)