

Mykola Nalysko

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ACADEMIC BACKGROUND

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

The doctoral dissertation is devoted to the issues of numerical modeling of the processes of the propagation of shock air waves in long structures and the justification of the parameters of the dynamics of explosive loads of building structures. Manuscript, 2019. Dissertation for the degree of Doctor of Technical Sciences, specialty 05.26.01 – Occupational Safety.

WORK EXPERIENCE

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

Professor

2020 – present

Department of Life Safety, PSACEA Dnipro

Teaching: Occupational health and safety management systems, Basics of fire safety, Modeling of technological processes and systems, Scientific and pedagogical training, Safety of operation of engineering systems and communications.

Associate Professor

2015 – 2019

Department of Life Safety, PSACEA Dnipro

Teaching: Labor protection in the industry, Safety of operation of elevators and lifting equipment, Fire prevention, Investigation, analysis and accounting of accidents and occupational diseases at work.

PROFESSIONAL EXPERIENCE:

– Responsible executor of the state budget topic: «Safety in various spheres of human life and labor protection», state registration number 0120U105444, registration date 14.12.2020.

SCIENTIFIC POTENTIAL

185 scientific publications, 2 textbooks, 34 articles in specialized publications of Ukraine, 8 articles in international peer-reviewed publications that are included in the Scopus scientometric database, 35 articles in collections of scientific works and scientific and practical journals, 13 works of an educational and methodological nature, 12 theses of reports, author of three intellectual property works (computer programs – automated design systems) and one patent for an invention.

SCIENTIFIC RESEARCH INTERESTS:

Numerical modeling, CFD models,
Occupational safety

PROFESSIONAL PROFILE

<https://orcid.org/0000-0003-4039-1571>
<https://scholar.google.com.ua/citations?hl=ru&user=spGFYUMAAAAAJ>
<https://www.scopus.com/authid/detail.uri?authorId=57196469303>
<https://www.webofscience.com/wos/author/record/38959971>

LINGUISTIC COMPETENCIES

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

PUBLICATIONS:

1. **Assessment of iron and heavy metals accumulation in the soils of the combat zone** / G. Trokhymenko, S. Litvak, A. Andreeva, O. Rabich, L. Chumak, M. Nalysko, M. Troshyn, B. Komarysta, D. Sopov // *Eastern-European Journal of Enterprise Technologies*.– 2023.– № 5/10 (125).– P. 1-16. DOI: 10.15587/1729-4061.2023.289289
2. **Концепція використання простору громадських будівель для тимчасового розміщення людей зі створенням психологічного комфорту** / Налисько М.М., Беліков А.С., Нажа П.М., Лещенко С. // *Український журнал будівництва та архітектури*, 2022. № 5. С. 69-80. DOI: 10.30838/J.BPSACEA.2312.251022.69.894
3. **Compound physical and mechanical effects stimulating metastable diamond formation** / Sobolev V.V., Kovrov O.S., Nalisko M.M., Bilan N.V., Tereshkova O.A. // *Scientific Bulletin of National Mining University*, 2021. № 4. P. 47 – 55. <https://doi.org/10.33271/nvngu/2021-4/047>
4. **Охорона праці в будівництві : Підручник** / А.С. Беліков, В.А. Шаломов, М.М. Налисько, А.А. Кульбач, В.В. Харченко та ін. // Дніпро: Журфонд, 2023.– 523 с.
5. **Пожежно-технічна експертиза : Підручник** / А.С. Беліков О.В. Коваленко, Р.Б. Папірник, М.М. Налисько та ін. // Дніпро: Журфонд, 2020.– 260 с.