

# Andrii BONDARENKO



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## EDUCATION

**2019-2021:** Prydniprovskaya State Academy of Civil Engineering and Architecture. Obtained a diploma of **Master** on the qualification of a **Civil Engineer**, program subject area “Building and civil engineering”.

**2021-present:** Junior researcher of the scientific research department at Prydniprovskaya State Academy of Civil Engineering and Architecture, Department of Reinforced Concrete and Masonry Structures.

## PROFESSIONAL ACTIVITY

**2023-present:** Assistant Professor at the Department of Reinforced Concrete and Masonry Structures, Prydniprovskaya State Academy of Civil Engineering and Architecture.

## SCIENTIFIC INTERESTS AND RESEARCH

1. Instrumental energy audit

2. Designing energy-efficient buildings
3. Air permeability of buildings

## **PUBLICATIONS**

1. Andrii Bondarenko, Eugene Yurchenko, Koval Olena, Mykola Savytskyi. Comparative analysis of microclimate parameters of residential low-rise buildings with different heating system. Book of abstracts: AIP Conference Proceedings, Innovative technologies in construction, civil engineering and architecture 19–22 September 2021 Chernihiv, Ukraine, 2023 – 183 pp. 32 p.

2. A. Bondarenko, E. Yurchenko, O. Koval, O. Tymoshenko "Improving the methodical foundations of determining the tightness of the building envelope". Theses: Materials of the Third Scientific and Practical Conference of Students of the Dnipro State Academy of Construction and Architecture: collection of theses / compiled by Mykola Savytskyi, Vladyslav Danishevskyi, Olena Tymoshenko. - Dnipro: PDABA, 2022. - 111 p. 27 p.

## **ACADEMIC COURSES**

1. Fundamentals of designing energy-efficient buildings
2. Air permeability test of the building's enclosing structure
3. Basics of developing energy efficiency improvement projects

## **PROFESSIONAL PROFILE**

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## **LINGUISTIC COMPETENCIES**

- Ukrainian (native)
- Russian (native)
- English (B2)