Department of Construction Technologies

Kostiantyn Dikarev, Assistant Professor

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Education

1997-2002 - Master's degree in Civil Engineering. Specialization - Technology and Organization of Industrial and Civil Engineering, Prydniprovska State Academy of Civil Engineering and Architecture

2002-2005 - Postgraduate course in Civil Engineering, Prydniprovska State Academy of Civil Engineering and Architecture

Academic degrees

2007 - PhD degree in Civil Engineering. Specialty 05.23.08 – Technology and Organization of Industrial and Civil Engineering. Thesis "Choice and Grounds of Technology and Organization of Warming and Finishing houses Buildings under modernizing.".

Work Experience

2007 – 2008– Assistant, Department of Construction Technologies

2008 – present - Assistant Professor, Department of Construction Technologies

Research

Resource- and energy-saving technologies on Victorian decks in buildings. Warming and reconstruction buildings, choice of the systems, technology, organization of production of works, extension of life cycle buildings and structures, efficiency of measures on modernization, alternative energy sources.

Current Research:

Improvement and development of new technologies for construction and assembly works consideringbuilding area conditions(State Registration №0121U110003);

Improvement and development of new technologies for construction and assembly works considering building area conditions(State Registration №0111U6477);

Past Research:

'Development of reconstruction methods of historical buildings based on complex information model'

'Selection of project alternatives in the formation of energy-saving programs at enterprises of the mining and metallurgical complex of Ukraine'

'Estimated calculation of thermal performance of tanks for storing liquid fertilizers'

Evaluation of indoor temperature for various building envelopes damaged

Modern smart city concept considering population safety issues