

Curriculum Vitae

Name

Orest Pakholiuk

Family status

widower

Date of Birth

24.03.1971

Place of Birth

Lviv - Ukraine

Position

PhD., associate professor

Associate Professor at the Department of
Construction and Civil Engineering

orest.pakholiuk@gmail.com



DEGREES RECEIVED:

<u>Degree</u>	<u>Institution</u>	<u>Department</u>	<u>Year</u>
MSc	Lviv Agricultural Institute (Ukraine)	Mechanization of agricultural production	1993
PhD	Lutsk Industrial Institute (Ukraine)	Mechanization of agricultural production	1997
MSc	Lutsk National Technical University (Ukraine)	Industrial and Civil Construction	2012

WORK EXPERIENCE:

<u>Rank/Position</u>	<u>Dates</u>	<u>Department</u>	<u>Institution/Company name</u>
Associate Professor	September 2001 – to present	Industrial and Civil Engineering (from 01.07.2017 - Construction and Civil Engineering)	Lutsk National Technical University (Ukraine)
Deputy Dean	November 2012 – December 2013	Faculty of Construction and Design	Lutsk National Technical University (Ukraine)
Senior Lecturer	September 1998 – August 2001	Industrial and Civil Construction	Lutsk State Technical University (Ukraine)
Assistant	September 1997 – August 1998	Industrial and Civil Construction	Lutsk Industrial Institute (Ukraine)

project activity

Verificator	2021- to present	Verification of buildings that have undergone thermal modernization within the framework of the «Energodim» program of the Energy Efficiency Fund	IFC & Energy Efficiency Fund
Expert and lecturer	2021	E-ETAP (Energy Efficiency Training and Auditing Project in Ukraine)	National Fund for Environmental Protection and Water

Thermographer	2020	Thermographic analysis of buildings	Management of Poland GIZ, Feldafing, Germany
Energy auditor	2019-2020	Support of the National Fund for Energy Efficiency and Environmental Reforms Program (S21) in Ukraine	German Society for International Cooperation (GIZ) on behalf of the Government of Germany. Pilot project "First Swallows", Energy Efficiency Fund
UTC energy efficiency expert	2017	Increasing the capacity of UTC regarding the implementation of energy management and improving the provision of consulting services on increasing energy efficiency	the Association for Energy Efficiency and Energy Saving as part of the project "Energy Efficiency and Energy Management in United Territorial Communities" carried out by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German government together with "U-Lead with Europe"
Expert in the master class	2012	Sustainable Energy for Ukraine	Saxion University i Netherlands Ukrainian Sustainable Energy Platform (NUSEP), Lutsk National Technical University, Lutsk

INTERNSHIPS:

10.10.2022	A course for free participants of seminars on energy management with the support of the GEF/UNDP Project "Elimination of barriers to promote investments in the energy efficiency of public buildings in small and medium-sized cities of Ukraine by applying the ESCO mechanism"
01-09.10.2022	Online course "Installation of metal-plastic structures-2022", Academy "Vikna Vikonda"
11-14.07.2022	The Uni-Biz-Bridge project on the development of cooperation between business and universities is dedicated to the development of soft-skills of the teacher
01.04-15.04.2022	Advanced qualification "Energy conservation and energy management:

17.02.2022	economic, ecological and practical aspects", Lutsk, LNTU Seminar on installation of window and door structures from REHAU systems. Kyiv, REHAU Academy
16.02.2022	Workshop on the design of light-transparent structures from REHAU systems. Kyiv, REHAU Academy
15.02.2022	Seminar on REHAU light-transparent construction systems. Kyiv, REHAU Academy
03.12.2021-20.01.2022	International educational grant "III International program of upgrading the qualifications of heads of educational and scientific institutions, as well as pedagogical and scientific-pedagogical workers "Nobel Course: New Knowledge, Ideas, Experience, Values, Competences"" International certificate No. 5383/January 20, 2022 awarding qualifications : "International Head of Category B in the field of Education and Science, according to the UNESCO classification" and "International Teacher/Lecturer" (180 hours / 6 ECTS credits, of which 15 hours of inclusive education / 0.5 ECTS credits).
01.08-31.10.2021	Lecturer of the training course for energy auditors within the II stage of the educational project on energy efficiency and energy audit in Ukraine E-ETAR, Warsaw, Republic of Poland
14-18.06.2021	Intensive training "Industrial energy audit". The Association of Energy Engineers of Ukraine with the support of GIZ within the framework of the project "Consulting enterprises on energy efficiency", implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the Federal Ministry of Economic Cooperation and Development of Germany.
17-31.05.2021	Training "Energy management in public buildings" through an open online course. University of Miskolc (Hungary) / Technical University of Košice (Slovakia) / Technical University of Cluj-Napoca, Northern University Center Baia Mare (Romania) / National Technical University of Oil and Gas (Ivano-Frankivsk, Ukraine)
15-22.03.2021	International professional development (webinar) of scientific, scientific and pedagogical employees of higher education institutions and employees of secondary education institutions on the topic: "Online learning as the newest form of modern education using the example of the Google Meet, Google Classroom platform" Scientific Research Institute of the Lublin Science and Technology Park and IESF GO "International Foundation of Scientists and Educators", March 15 - 22, 2021, Lublin, Republic of Poland.
14-21.12.2020	International professional development (webinar) of scientific, scientific and pedagogical employees of higher education institutions and employees of secondary education institutions on the topic: "Using the possibilities of cloud services in modern online education using the example of the Google Meet and Google Classroom platforms" Research Institute of the Lublin Science and Technology Park and IESF NGO "International Foundation of Scientists and Educators", December 14 - 21, 2020, Lublin, Republic of Poland.
09-16.11.2020	International professional development (webinar) of scientific, scientific and pedagogical employees of higher education institutions and employees of secondary education institutions on the topic: "Online learning as a non-traditional form of modern education using the moodle platform as an example" Scientific Research Institute of the Lublin Science and Technology Park and IESF NGO "International Foundation of Scientists and educators", November 9 - 16, 2020, Lublin, Republic of Poland.
17-28.08.2020	Training course "Project support for the "Energodim" program through an

	open online course"
20-27.07.2020	International professional development (webinar) on the topic: "Cloud services for online training using the example of the Zoom platform." Research Institute of Lublin Science and Technology Park and IESF NGO "International Foundation of Scientists and Educators", July 20-27, 2020, Lublin, Republic of Poland
9-13.02.2020	Training course "Thermographic analysis of buildings", Feldafing, Germany
13-23.01.2020	Training course for experienced energy auditors "Train the trainer" as part of the training project on energy efficiency and energy audit in Ukraine E-ETAR, Warsaw, Republic of Poland.
02-05.12.2019	Training course for experienced energy auditors under the program "Training of energy auditors to work with the Energy Efficiency Fund", Kyiv, GIZ.
24-25.10.2019	Курс лекцій на тему: «Сучасні аспекти проведення енергоаудитів в будівлях та правове регулювання у сфері енергоефективності в Україні», м. Луцьк.
06.09.2019	Course "Solutions for waterproofing foundations, roofs and hydraulic structures. Weber waterproofing systems. Kyiv, Saint-Gobain Training Center.
12 – 17.11.2018	Training and certification on certification of energy efficiency of buildings and examination of engineering systems of buildings, KNUBA, Kyiv
22 – 23.09.2018	Basic course of the designer of active houses, Kyiv
30.08.2018	Retrotec air tightness training course to demonstrate skills and ability to operate a single fan building air leakage test system. IRBEST company, Riga, Latvia.
12 – 17.03.2018	Training course in the field of training "Specialist in the construction of buildings with close to zero energy consumption". The training was conducted as part of the international project "Training of specialists in the design and construction of buildings with close to zero energy consumption: information centers of the construction industry" ("Train-to-NZEB: The Building Knowledge Hubs").
17 – 21.07.2017	The training "Increasing the capacity of OTG regarding the implementation of energy management and improving the provision of consulting services on increasing energy efficiency" for the Western region was organized by the Association for Energy Efficiency and Energy Saving as part of the project "Energy Efficiency and Energy Management in United Territorial Communities" carried out by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH on behalf of the German government together with "U-Lead with Europe"
14 – 18.08.2017	first module: July 17 - 21, 2017, TRK "Sonyachna Dolyna", Chernivtsi second module: August 14-18, 2017, Nota Bene hotel, Lviv
23.06.2017	Advanced training on the topic: "Peculiarities of the application of new state building regulations on energy efficiency DBN V.2.6-31:2016 "Thermal insulation of buildings""
27.02-31.03.2017	Internship at "Architekt" Ltd, Lutsk
24-25.01.2017	Training program "Fundamentals of energy audit of buildings and structures" of DTEK Academy
10.02.2017	
23-24.11.2016	Polish-Ukrainian forum for the development of energy efficiency and the introduction of innovative energy technologies for the use of renewable energy sources within the framework of the Energy Efficiency Auction, Lodz, RP
11.12.2015	Practical educational training "Thermal imaging inspection of buildings and engineering systems", Kyiv, Training Center for Energy Audit and Energy

	Management
09-10.12.2015	Practical educational training "Energy audit of buildings", Kyiv, Training center for energy audit and energy management
13.10.2015	Seminar "Solutions from the floor to the roof", Lutsk
03.03.2015	Seminar "Solutions from the floor to the roof" within the project "Leading technologies in modern construction and architecture", Lutsk
11-12.11.2014	Scientific and practical seminar. Current issues of the development of construction and housing and communal services in Ukraine. Thermal modernization of objects. "Energy independence is the key to the success of the state" Kyiv, SE Scientific and Research Institute of Construction Production
15.10.2014	Training seminar under the program "URSA Heat and Sound Insulation Materials for Energy-Saving Buildings", Lutsk
14.10 – 30.10.2013	Advanced qualification in the specialty "Energy Management" 7.05070108 - program "Energy Audit"
15.11 – 21.12.2012	Internship at Research Institute "Proektrekonstruktsia", Lutsk
23.04.2012	Master class "Sustainable energy for Ukraine", organized by Saxion University and the Netherlands Ukrainian Sustainable Energy Platform (NUSEP), Lutsk National Technical University, Lutsk
11-13.05.2011	Seminar-training Use of the methodological complex "Modern technologies in construction" in the educational process. Odesa State Academy of Construction and Architecture, Odesa
14.11.2008	"Hewlett-Packard" and "Stack-Computer" seminar "Commercial HP laptops, Pavilion series laptops, personal computers for business and original HP consumables", Lviv
05.03 – 05.05.2007	Internship at ME "Prombud", Lutsk
03-05.2002	Internship at ME "Prombud", Lutsk

NUMBER OF WORKS PUBLISHED IN SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS:

<https://orcid.org/0000-0002-0650-6446>

total 182 publications including,

90 - publications in scientific journals and in the Conference Scripts 2 – textbook

EXPERT ACTIVITY:

- Verifier (verification of the implementation of energy efficiency measures within the framework of the project) with a visit to the project site under the "Energodim" Program of the Energy Efficiency Fund.
- Member of the working group for the development of the Professional Standard of the Energy Auditor of Buildings (Order of the Ministry of Development of Communities and Territories of Ukraine dated October 25, 2022 No. 193).
- Involved as an energy auditor expert in performing an energy audit and energy efficiency certification of a residential apartment building in Lutsk during the implementation of the "First Swallows" project of the Energy Efficiency Fund under the auspices of Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, which works in Ukraine on behalf of the Federal Government of Germany.

TEACHING COURSES:

«Technology and organization of construction production», «Ensuring energy efficiency of buildings and structures», «Energy-efficient and innovative technologies in architecture», « Construction physics», «Construction machinery».

PERSONAL SKILLS AND COMPETENCES

Languages:

Ukrainian native language

English basic knowledges (B1)

Polish basic knowledges (B1 to B2)

Google Scholar: <https://scholar.google.com/citations?user=FTbgxGYAAAAJ&hl=uk>

Researchgate.net: <https://www.researchgate.net/profile/Orest-Pakholiuk>

Academia.edu: <https://lutsk-ntu.academia.edu/OPakholiuk>