



Name	Kostiantyn Vyazovik
Position, Department/Faculty	Senior Lecturer, Department of space technology and non-traditional energy sources (402)/ Faculty of Rocket and Space Technology
Academic Degree, Academic Title	
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Google Scholar:	[https://scholar.google.com/citations?hl=ru&user=lyb56u4AAAAJ]
ResearchGate:	

EDUCATION:

Basic education (university, major, year of graduation):

- National Aerospace University "Kharkiv Aviation Institute", Power engineering, 2002-2006
- National Aerospace University "Kharkiv Aviation Institute", Non-traditional sources of energy, 2006-2008

Additional training, certification programs:

Advanced training of teachers at the National Aerospace University "Kharkiv Aviation Institute"

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

Department of space technology and non-traditional energy sources (402), 2011 - present time, Senior Lecturer

Teaching Experience:

14 years

RESEARCH ACTIVITIES:

Main Research Areas:

Renewable energy sources

Number of Publications (Scopus, WoS, others):

5



Monographs, Textbooks:

1

Participation in Scientific Conferences:

3

TEACHING ACTIVITIES:

Courses Taught:

- Ecology and anthropogenic environmental impact of unconventional energy installations,
- Information and Control Systems and Complexes of Non-Conventional Energy Installations,
- Design of wind turbines,
- Resource and energy saving,
- Energy measurement, accounting and management systems,
- Thermal and nuclear power plants,
- Technology of production of converters of non-traditional energy installations. Technology of production of micro- and nanostructures.

Author Courses, Academic Programs:

- Measuring, Accounting and Control Systems of Power Consumption,
- Energy Saving and Resource Efficiency,
- Testing of Nonconventional Power Plants,
- Thermal and nuclear power plants

Methodological Materials, Textbooks:

Alternative energy and its regulatory framework, Gybin, Yakovlev, Vyazovik, Kharkov "KHAI" 2014

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Membership in Professional Associations:

1

INTERNATIONAL ACTIVITIES:

Teaching/Lecturing Abroad:

Lecturing to foreign students at KhAI

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

- Graph-analytical method for determining the relative diameter of a wind turbine bushing / VA Belopolsky, AI Yakovlev, DV Legoshin, KL Vyazovyk / Hydroenergetics of Ukraine

- Influence of chord distribution along the blade length on the energy characteristics of a horizontal-axis wind turbine rotor / KL Vyazovik, DV Legoshin, AI Yakovlev

Links to Citation Database Profiles:

<https://scholar.google.com/citations?hl=ru&user=lyb56u4AAAAJ>

ADDITIONAL INFORMATION:

Language Proficiency:

English

IT Skills:

Web site development (Photoshop, Html5, CSS3, JS, JQuery, Angular)

Social and Community Activities:

- Student group supervisor
- Website developer for department 402 National Aerospace University "Kharkiv Aviation Institute"
<https://khai402.info>