



## Oleksandr Kozak

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### ● EDUCATION & TRAINING

01/09/1999 - 30/06/2003

**IN THE FIELD OF TRAINING "MECHANIZATION AND ELECTRIFICATION OF AGRICULTURE"-**  
PODOLSK STATE AGRARIAN AND TECHNICAL ACADEMY

01/09/2003 - 30/06/2004

**SPECIALTY "ENERGY OF AGRICULTURAL PRODUCTION"-** PODOLSK STATE AGRARIAN AND  
TECHNICAL ACADEMY

01/10/2006 - 30/09/2009

**POSTGRADUATE STUDY-** PETRO VASYLENKO KHARKIV NATIONAL TECHNICAL UNIVERSITY OF  
AGRICULTURE

### ● WORK EXPERIENCE

**CANDIDATE OF TECHNICAL SCIENCES, ASSOCIATE PROFESSOR, ACTING HEAD OF THE  
DEPARTMENT OF "ELECTRICAL ENGINEERING, ELECTROMECHANICS AND ELECTRICAL  
TECHNOLOGIES"** HIGHER EDUCATIONAL INSTITUTION «PODILLIA STATE UNIVERSITY»

### ● SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Google Drive | Social Media

### ● LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN**

### ● PUBLICATIONS

#### **Prospects for use of smart meters to reduce electricity losses in Ukraine's power grids**

Prospects for use of smart meters to reduce electricity losses in Ukraine's power grids Mikhailova, L. , Dubik, V. , Kozak, O. , Gorbovy, O. Machinery and EnergeticsOpen source preview, 2025, 16(2), страницы 146–158.

#### **Possibilities of landfills and solid waste sites for energy production in Ukraine**

Possibilities of landfills and solid waste sites for energy production in Ukraine Mikhailova, L. , Dubik, V. , Dumanskyi, O. , Kozak, O. Machinery and EnergeticsOpen source preview, 2024, 15(1), страницы 86–94.

#### **METHODOLOGICAL ASPECTS OF BIOECONOMY DEVELOPMENT STRATEGY FORMATION IN UKRAINE (EXAMPLE OF RENEWABLE ENERGY SOURCES)**

METHODOLOGICAL ASPECTS OF BIOECONOMY DEVELOPMENT STRATEGY FORMATION IN UKRAINE (EXAMPLE OF RENEWABLE ENERGY SOURCES) Kucher, O. , Yermakov, S. , Andreitseva, I. , Plotnichenko, S. , Kozak, O.

**Modelling the optimal switching scheme of Ukrainian power grids during blackout in one city/region**

Modelling the optimal switching scheme of Ukrainian power grids during blackout in one city/region

Mikhailova, L. , Dubik, V. , Kozak, O. , Dumanskyi, O. , Gorbovy, O. Machinery and EnergeticsOpen source preview, 2024, 15(4), страницы 69–81.

**Assessment of the Condition of the Project Environment for the Implementation of Technologically Integrated Projects of the “European Green Deal” Using Maize Waste**

Assessment of the Condition of the Project Environment for the Implementation of Technologically Integrated Projects of the “European Green Deal” Using Maize Waste Tryhuba, A. , Hutsol, T. , Tryhuba, I. , ... Kozak, O. , Pavlenko-Didur, K. Energ.