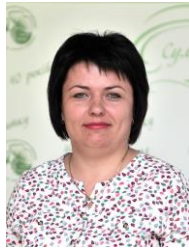




## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** HANNA BARSUKOVA  
**Address(es)** Illinska Str., 40, apt. 25, 40009, Sumy, Ukraine  
**Telephone(s)** **Mobile:** + 38 066 0091070  
**Fax(es)**  
**E-mail** hanna.barsukova@snau.edu.ua  
**Nationality** Ukrainian  
**Date of birth** 02.03.1983  
**Gender** female

### Current employment / Occupational field

**Associate Professor of the Department of Energy and Electrical Engineering,  
Sumy National Agrarian University;  
Ph.D., Associate Professor of the Department of Energy and Electrical  
Engineering, Engineering and Technology Faculty, Sumy National Agrarian  
University**

### Work experience

<b>Dates</b>	09.2022 till now
<b>Occupation or position held</b>	Associate Professor (09.2022 till now) at the Engineering and Technology Faculty
<b>Main activities and responsibilities</b>	Teaching and scientific activities in the sphere of energy and ecology in agriculture
<b>Name and address of employer</b>	Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
<b>Type of business or sector</b>	Higher Educational Institution (Agricultural Sector)
<b>Dates</b>	09.2020-08.2022
<b>Occupation or position held</b>	Senior Lecturer (09.2020-08.2022) at the Engineering and Technology Faculty
<b>Main activities and responsibilities</b>	Teaching and scientific activities in the sphere of energy and ecology in agriculture
<b>Name and address of employer</b>	Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
<b>Type of business or sector</b>	Higher Educational Institution (Agricultural Sector)
<b>Dates</b>	04.2018-08.2020
<b>Occupation or position held</b>	Assistant (04.2018-31.08.20) at the Engineering and Technology Faculty
<b>Main activities and responsibilities</b>	Teaching and scientific activities in the sphere of energy and ecology in agriculture
<b>Name and address of employer</b>	Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40021, Ukraine
<b>Type of business or sector</b>	Higher Educational Institution (Agricultural Sector)
<b>Dates</b>	08.2005 till now

Occupation or position held Junior Researcher (08.2005 – 12.2005);  
Head of Scientific Department of Complex Mineral Fertilizers (09.2017 – 12.2017) at the Scientific and Research institute of mineral fertilizers and pigments

Main activities and responsibilities Scientific and research activities in the field of obtaining new types of mineral fertilizers

Name and address of employer Sumy Scientific and Research institute of mineral fertilizers and pigments, Sumy, 40012, Ukraine

Type of business or sector Scientific and Research institute (industrial sector)

## Education and training

Dates 09.2000-06.2005

Title of qualification awarded MSc in Ecology and Environmental Protection

Principal subjects/occupational skills covered Protection of the environment

Name and type of organisation providing education and training Sumy State University, Ukraine

Level in national or international classification Dipl. Ing. (University)

Dates 07.2017

Title of qualification awarded Candidate of Technical Sciences

Principal subjects/occupational skills covered Ecological safety

Name and type of organisation providing education and training Sumy State University, Ukraine

Level in national or international classification PhD in Technical Sciences

Dates 09.2019-12.2020

Title of qualification awarded MSc in Electrical energetics, electrical Engineering and Electromechanics

Principal subjects/occupational skills covered Study of the influence of physical and chemical factors on the improvement of production processes in agriculture.

Name and type of organisation providing education and training Sumy National Agrarian University, Ukraine

Level in national or international classification Dipl. Ing. (University)

## Personal skills and competences

Reliability, loyalty, sociability, energy, purposefulness

Mother tongue(s) Ukrainian

Other language(s) English B 2; Reference № 500/1926/0, 05/07/2023

Self-assessment  
*European level (\*)*

### English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Upper-Intermediate	B2	Upper-Intermediate	B2	Upper-Intermediate	B2	Upper-Intermediate	B2	Upper-Intermediate

Social skills and competences I have experience working in a team within international educational and scientific projects.

Organisational skills and competences I was responsible for organizing scientific exhibitions.

Computer skills and competences | Is fluent in computer. The competent with most programs.

Artistic skills and competences

Driving licence

**Additional information:**

Scientific Research Topic and Publications

1. Barsukova H. Reduction of man-caused load on the environment due to the technical solution for the disposal of iron sulphate / H. Barsukova, M. Savchenko-Pererva // Journal of Chemistry and Technologies. – 2020. – 28(2). – P. 168–176. **(Scopus)**.

2. Barsukova H. Development of technology for obtaining mixed coagulant from the main waste of titanium production / H. Barsukova, M. Savchenko-Pererva // Journal of Chemistry and Technologies. – 2020. – 28(3). – P. 289–297. **(Scopus)**.

3. Yurchenko O. Using a frequency converter is an effective and convenient way to control the speed of the pump unit / O. Yurchenko, H. Barsukova // Bulletin of Sumy National Agrarian University: Series «Mechanization and automation of production processes». - 2021. – Issue. 3 (45). – P. 57–63. **(professional Edition)**.

4. Savchenko-Pererva M. Determination of heat losses in public premises with development of algorithm for implementation of the energy saving measures / Savchenko-Pererva M., Radchuk O., Rozhkova L., Savoiskyi O. // Eastern-European Journal of Enterprise Technologies, 6 (4 (114)). Kharkiv. – 2021. – P. 48–59. **(Scopus)**.

5. Yurchenko O. Determination of wind turbine blade model for regions with low wind speeds / O. Yurchenko, O. Radchuk, H. Barsukova, M. Savchenko-Pererva, O. Ivchenko, V. Kolodnenko, D. Fesenko // Eastern-European Journal of Enterprise Technologies, 2 (8 (122)) Kharkiv. – 2023. – P. 44–52. <https://doi.org/10.15587/1729-4061.2023.277896>. **(Scopus)**.

6. Yurchenko O. Using a frequency converter is an effective and convenient way to control the speed of the pump unit / O. Yurchenko, H. Barsukova // Bulletin of Sumy National Agrarian University: Series «Mechanization and automation of production processes». - 2021. – Issue. 3 (45). – P. 57–63.

7. Yurchenko O. Development of wind turbine blades for areas with low wind speed / O. Yurchenko, H. Barsukova, H. Tymoshenko // Bulletin of the Sumy National Agrarian University, series "Mechanization and automation of production processes" - 2022. - Issue. 2 (47). – pp. 94–100.

8. Yurchenko O. The process of battery recovery using a comprehensive approach / O. Yurchenko, H. Barsukova // Scientific Bulletin of the Tavri State Agro-Technological University: electronic scientific specialist edition / TDATU; Goal. ed. Ph.D., prof. V. M. Kyurchev. – Melitopol: TDATU, 2023. – Issue 13 (1). – pp. 390–401.

9. Yurchenko O. The use of a pulsed electric field as a method of improving seed quality indicators / O. Yurchenko, H. Barsukova // Scientific Bulletin of the Tavri State Agro-Technological University: electronic scientific specialist edition / TDATU; Goal. ed. Ph.D., prof. V. M. Kyurchev. – Melitopol: TDATU, 2023. – Issue 13 (1). – pp. 466–475.

10. Yurchenko O. Finding the place of damage to the winding of electrical power equipment according to the change in operating temperature / O. Yurchenko, H. Barsukova, A. Chepizhnyi, V. Zubko, H. Tymoshenko // Proceedings of the Dmytro Motornyi Tavri State Agro-Technological University. – Melitopol: TDATU, 2023. – Issue 23 (2). - pp. 167–176.

11. Barsukova H. Advantages and disadvantages of using solar panels for indoor lighting / H. Barsukova // Materials of the V International scientific and practical conference "Technical support of innovative technologies in the agro-industrial complex" (November 1-24, 2023) - Zaporizhzhia, 2023. - P. 299-301.

Projects Experience:

**Annexes**