



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Sergii Sokolik**  
Address(es) I. Sirko Str., 25, apt. 141, 40021, Sumy, Ukraine  
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E-mail Sokolik1009@gmail.com  
Nationality Ukrainian  
Date of birth 10.09.1984  
Gender Male

### Current employment / Occupational field

**Senior Lecturer of the Tractors, Agricultural Machinery and Transport  
technology Department, Faculty of Engineering-technological, Sumy National  
Agrarian University**

### Work experience

Dates 09.2009 till now  
Occupation or position held University instructor (09.2009 – till now);  
Main activities and responsibilities Teaching and scientific activity in the sphere of agricultural machinery maintenance  
Name and address of employer Sumy National Agrarian University, 160 H.Kondratiieva Str., Sumy, 40021, Ukraine  
Type of business or sector Higher Educational Institution (Agricultural Sector)

### Education and training

Dates 09.2001-06.2006  
Title of qualification awarded Master of Mechanical Engineering  
Principal subjects/occupational skills covered Agricultural Mechanization  
Name and type of organisation providing education and training Sumy Agricultural Institute (meanwhile 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, Russian**

Self-assessment

*European level (\*)***English****Russian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

Social skills and competences

I can and I am used to work in the team. I'm energetic and enthusiastic about the work I start.

Organisational skills and competences

I was responsible for the organization of various workshops, conferences on the engineering-technological faculty.

Computer skills and competences

Competent with the most Microsoft Office programmes

Driving licence

Category B (car)

**Additional information:**

Scientific Research Topic and Publications

**Main field of scientific interests are:**

- research of ways of using agricultural crops as biofuels;
- research of the parameters and operating conditions of the equipment for the production of fuel briquettes from agricultural crops;
- research physical, chemical and mechanical properties of pellets and briquettes produced from agricultural waste biomass;
- analysis of technical and economic parameters of the machines functioning used for growing a plant;
- the most efficient use of complex machines and rational complex machines for growing and harvesting of crops.

**Annexes** The most recent publications are:

1. Sokolik S. Prospects for the use of corn as a biofuel / S. Sokolik // Herald of Kharkov National Technical University of Agriculture named after P. Vasilenko. – H., 2016. – Vol. 173. – P. 168-176.
2. Sokolik S. Analysis of technologies and equipment for the use of sunflower production wastes as biofuels / S. Sokolik, V. Zubko // Engineering Environmental Sciences – H., 2017. – Vol. 1(7). – P. 6-11.
3. Sokolik S. Prospects for the use of hemp straw as an alternative fuel / S. Sokolik // MOTROL. Commission of Motorization and Energetics in Agriculture - 2015. Vol. 17. No 3.- C. 244-250.
4. Sokolik S. Analysis of researches of physical and mechanical properties of the material being pressed / S. Sokolik, V. Zubko, V. Chuba // Herald of National University of Life and Environmental Sciences of Ukraine. – K., 2016. – Vol. 251. – P. 254-265.
5. Zubko V.N. Improving the accuracy of measuring the fuel level sensor using a fuel level indicator / V.N. Zubko, S.P. Sokolik, R.M. Shevchenko // Environmental Engineering, No. 1 (7), 2019 - p. 6 - 11.
6. Zubko V.M. Factors influencing the depth of tillage with disc harrows / V.M. Zubko, S.P. Sokolik // Bulletin of SNAU, Series "Mechanization and automation of production processes", issue 1-2 (35-36), 2019 - p. 48 - 52.
7. Zubko V.M. Modeling of rolling of a rigid cylinder on the soil surface / V.M. Zubko, D.O. Zhigilyi, S.P. Sokolik, V.A. Rudenko, // Bulletin of SNAU Series "Mechanization and automation of production processes", 3 (41), 2020. - P. 46-50.
8. Sokolik S.P. Factors influencing the quality of plowing / S.P. Sokolik, V.A. Rudenko, // Bulletin of SNAU Series "Mechanization and automation of production processes", 2 (44), 2021. - P. 8-11.
7. Zubko V., Sokolik S., Khvorost T., Melnyk V. 2021. Factors affecting the quality of tillage with a disc harrow. Proceedings of 20th International scientific conference Engineering for Rural Development 2021. pp. 1193 – 1199. Doi: 10.22616/ERDev.2021.TF262