

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Serhii 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 Agroengineering Department, Faculty of Engineering- technological, Sumy National Agrarian University
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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., 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
8. Zubko V., Sirenko V., Kuzina T., Onychko V., Sokolik S., Roubik H., Koszelg M., Shchurh T. (2022) Modelling wheat grain flow during sowing based on the model of grain with shifted center of gravity. Agricultural Engineering, Vol. 26 , No 1, pp. 25-37 DOI: 10.2478/agriceng-2022-0003
9. Kozhushko A., Tkachov V., Mittsel M., Sokolik S., Stanciu D. 2024. Optimization of traction properties the electric tractor based on the simulation DLG-PowerMix test cycles. International Journal of Mechatronics and Applied Mechanics, Issue 15, pp. 70-78. doi: dx.doi.org/10.17683/ijomam/issue15.9