

Curriculum Vitae



Personal information

First name(s) / Surname(s)

Dolgikh Yana

E-mail

[yana.dolgikh@snau.edu.ua](mailto: yana.dolgikh@snau.edu.ua); [gjanadolgich@gmail.com](mailto: gjanadolgich@gmail.com)

Gender

female

Current employment / Occupational field

Associate Professor of Cybernetics and Informatics Department, faculty of Economics and Management, Sumy National Agrarian University, www.snau.edu.ua

Work experience

General scientific and pedagogical work experience

26 years (25 years - experience of work at SNAU)

Occupation or position held

Assistant professor at the Department of Cybernetics and Informatics at the Faculty of Economics and Management of the Sumy National Agrarian University

Main activities and responsibilities

Teaching and scientific activity in the sphere of Innovative Modelling Methods
Responsible for the scientific work of the Department of Cybernetics and Informatics of the SNAU

Name and address of employer

Sumy National Agrarian University, 160 H. Kondratiieva Str., Sumy, 40000, Ukraine

Type of business or sector

Higher Educational Institution (Agricultural Sector)

Education and training

Dates

1989-1994; 1998-1999

Title of qualification awarded

Studied at Sumy State University at the Faculty of Production Automation, majoring in "High Voltage Engineering and Electrophysics", awarded the qualification of "Electrophysics Engineer", diploma with honors. Studied at Sumy State University at the Faculty of Economics, majoring in "Enterprise Economics", awarded the qualification of specialist "Economist"

Principal subjects /occupational skills covered

Production Automation, IT (Information Technology), Enterprise Economics

Name and type of organisation providing education and training

Sumy State University, Ukraine

Level in national or international classification

Diploma in Engineering, Diploma in Economics (University)

Dates

2000

Title of qualification awarded

Candidate of Economic Sciences in the specialty of "Economics of Environmental Management and Environmental Protection"

Principal subjects/ occupational skills covered

Economics of Environmental Management and Environmental Protection, Mathematical Economics

Name and type of organisation providing education and training

Sumy State University, Ukraine

Level in national or international classification	PhD in Economic Sciences
Dates	2011
Title of qualification awarded	Researcher of e-learning subsystem
Principal subjects /occupational skills covered	Distance learning
Name and type of organisation providing education and training	National Aviation University, Ukraine
Level in national or international classification	Certificate of Researcher
Dates	2017
Title of qualification awarded	Researcher of internship topic: "Innovative methods of teaching Econometrics discipline"
Principal subjects /occupational skills covered	Econometrics
Name and type of organisation providing education and training	Sumy State University, Ukraine
Level in national or international classification	Certificate of Researcher
Dates	2021
Title of qualification awarded	Researcher of internship topic: "Applied econometric analysis for solving agricultural policy problems with the programming language R and RStudio"
Principal subjects /occupational skills covered	Econometrics
Name and type of organisation providing education and training	"German-Ukrainian Agricultural Policy Dialogue" (APD), Leibniz Institute for Agrarian Development in Transitional Economies (IAMO, Halle, Germany)
Level in national or international classification	Certificate of Researcher
Dates	2023
Title of qualification awarded	Researcher of the internship topic: Preparation for the exam to determine the level of proficiency in the state language for the performance of official duties
Principal subjects /occupational skills covered	Official language
Name and type of organisation providing education and training	Sumy State University, Ukraine
Level in national or international classification	State certificate of proficiency in the state language (first degree fluency)
Dates	2023
Title of qualification awarded	Researcher of the internship topic: "Artificial intelligence and the future of education"
Name and type of organisation providing education and training	The Ministry of Digital Transformation of Ukraine and the NGO "Progresilni"
Level in national or international classification	Certificate of Researcher
Dates	2024

Title of qualification awarded	Researcher of the internship topic: "Training of future bachelors in the field of information technology, speciality 126 IST"																																																		
Name and type of organisation providing education and training	Sumy State Pedagogical University named after A.S. Makarenko, Ukraine																																																		
Dates	Certificate of Researcher 2025																																																		
Title of qualification awarded	Researcher of the internship topic: "AI-tools for Education". Covered topics: Text Generation, Translation, and Academic Writing; Image Generation; Multimedia Generation; Specialized Services for Educators; Specialized Services for Researchers; Personal Assistants +Final Assignment (Individual)																																																		
Name and type of organisation providing education and training	IT Ukraine Association, EPAM, Kyiv, Ukraine																																																		
Level in national or international classification	Certificate of Researcher																																																		
Personal skills and competences	playing the piano																																																		
Mother tongue(s)	Ukrainian																																																		
Other language(s)	English, German																																																		
Self-assessment <i>European level (*)</i>	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> </tr> <tr> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> <td>B1</td> <td>Independent User</td> </tr> <tr> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> <td>C2</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	B1	Independent User	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
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C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user																																										
	(*) Common European Framework of Reference for Languages																																																		
Social skills and competencies	I can to work in the team within the framework of international and national scientific projects																																																		
Organisational skills and competences	Responsible for the scientific work of the Department of Cybernetics and Informatics of SNAU. Responsible for the organization of various seminars, conferences and professional seminars, student research papers competition. Jury member of the II stage of the All-Ukrainian competition-defense of scientific and research works of students - members of the National Center "Small Academy of Sciences of Ukraine" Section: educational, gaming programs and virtual reality																																																		
Computer skills and competences	Proficient user. Data analysis (Data Mining)																																																		
Artistic skills and competences	I graduated from a music school in the piano class																																																		
Driving licence	-																																																		
Additional information:																																																			
Scientific Research Topic and Publications	Scientific interests: modelling the impact of air pollution on the level of damage to crops; application of economic and mathematical models and methods of optimization of decision making in economics; innovative modelling methods. Author of more than 40 publications on modeling and analysis of complex socio-economic systems																																																		
Projects Experience	In 2016-2020, I performed a research work on the topic: "Creation of remote system for Internet monitoring of the agro-industrial complex of the region" (UkrINTEI: 0116 U 07232)). From 2021, -- the leading executor of research work on the topic: "Development of means of information support for innovative activities in the agricultural sector of the region" (UkrINTEI: 0121U110116)																																																		

Annex 1. SELECTED ACADEMIC ARTICLES:

1. Oleksandr Burov, Evgeniy Lavrov, Nadezhda Pasko, Olena Hlazunova, Olga Lavrova, Vasyl Kyzenko, Yana Dolgikh Self-adjusted Data-Driven System for Prediction of Human Performance // in 3rd International Conference on Intelligent Human Systems Integration (IHSI 2020): Integrating People and Intelligent Systems, University of Modena and Reggio Emilia, Modena, Italy, February 19-21, 2020. Vol. 1131. P. 282-287.
2. O. Pinchuk, O. Burov, S. Ahadzhanova, V. Logvinenko, Y. Dolgikh, T. Kharchenko, O. Hlazunova, A. Shabalin (2020) VR in Education: Ergonomic Features and Cybersickness. In: Nazir S., Ahram T., Karwowski W. (eds) Advances in Human Factors in Training, Education, and Learning Sciences. AHFE 2020. Advances in Intelligent Systems and Computing, vol 1211. Springer, Cham. https://doi.org/10.1007/978-3-030-50896-8_50.
3. Oleksandr Burov, Evgeniy Lavrov, Svitlana Lytvynova, Olha Pinchuk, Oleksii Tkachenko, Natalia Kovalenko, Yana Chybiak & Yana Dolgikh (2024). Multimodal Recognition of the Stress When Performing Cognitive Tasks Under Limited Time Conditions. In: Harris, D., Li, W.C. (eds) Engineering Psychology and Cognitive Ergonomics. HCII 2024. Lecture Notes in Computer Science(), vol. 14692. Springer, Cham. Pp. 14-25. https://doi.org/10.1007/978-3-031-60728-8_2
4. Долгіх Я. Оцінка та аналіз динаміки зміни ефективності виробництва зерна в Україні методом DEA. *Agricultural and Resource Economics: International Scientific E-Journal*. 2019. Vol. 5. No. 3. Pp. 47-62. URL: <http://are-journal.com>.
5. Долгіх Я. В. Оцінка та аналіз ефективності виробництва продукції рослинництва в Україні методом DEA. *Економіка АПК*. Київ, 2020. №10. С.22-28. <https://doi.org/10.32317/2221-1055.202010022>.
6. Долгіх Я. В. Оцінка та аналіз методом DEA ефективності відтворення наукових кадрів закладів вищої освіти регіонів України. *Економіка і управління*. Київ, 2020. №3. С.118-126. <https://doi.org/10.36919/2312-7812.3.2020.118>.
7. Dolgikh, Ya.V. (2022). Improvement of crop production planning in Ukraine using the Cobb-Douglas production function. *Ekonomika APK*, 29(1), 10-17. <https://doi.org/10.32317/2221-1055.202201010>.
8. Dolgikh Y. V. DEA-method for evaluation the efficiency of production by agricultural enterprises. *Heritage of European science '2023: монографія*. Karlsruhe, Germany, February, 2023. P. 86-95. <https://doi.org/10.30890/2709-2313.2023-17-02>.
9. Dolgikh, Ya.V. (2023). Evaluation of the efficiency of agrarian institutions of higher education of Ukraine using the DEA method. *Ekonomika APK*, 30(1), 30-39. <https://doi.org/10.32317/2221-1055.202301030>.
10. Dolgikh, Ya.V. (2024). Evaluation of the efficiency of agricultural higher education institutions of Ukraine and the dynamics of its change by data envelopment analysis. *Ekonomika APK*, 31(1), 29-40. <https://doi.org/10.32317/2221-1055.202401029>