

## CURRICULUM VITAE



# DEMYANYUK OLENA

Doctor of Agricultural Sciences,  
Professor

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Management of NAAS, 12 Metrolohichna St., Kyiv, 03143, UKRAINE

### SCIENTIFIC PROFILES

ORCID: [0000-0002-4134-9853](https://orcid.org/0000-0002-4134-9853)  
Google Scholar: [Demyanyuk\\_Olena](https://scholar.google.com/citations?user=Demyanyuk_Olena)

### EDUCATION TA SCIENTIFIC DEGREES

#### Doctor of Agricultural Sciences, "Ecology"

*Institute of Agroecology and Environmental Management of NAAS,  
2017*

#### Candidate of Agricultural Sciences, "Agrosoil Science and Agrophysics"

*Institute of Agroecology and Environmental Management of NAAS,  
2001*

#### Biotechnologist engineer

*Ukrainian State University of Food Technologies,  
1994*

### SCIENTIFIC TITLES

#### Corresponding Member in Soil Microbiology

*National Academy of Agrarian Sciences of Ukraine,  
2020*

#### Professor, "Ecology"

*Institute of Agroecology and Environmental Management of NAAS,  
2019*

#### Senior scientist, "Ecology"

*Institute of Agroecology and Environmental Management of NAAS,  
2004*

### EXPERIENCE

#### Deputy director for scientific work

*Institute of Agroecology and Environmental Management of NAAS:  
December 2012 to the present time*

#### Scientific Secretary

*Institute of Agroecology and Environmental Management of NAAS:  
January 2004 – September 2012*

#### Senior Research Fellow at the Laboratory of Soil Microorganisms

*Institute of Agroecology and Biotechnology UAAS:  
February 2002 – December 2003*

### SCIENTIFIC FIELDS

- Soil ecology;
- Soil microbiology;
- Soil biodiagnositcs;
- Food security in the context of climate changes;
- Protection of the natural environment;
- Environmental safety of agricultural production;
- Product quality and safety.

### PROFFECIONAL SKILLS

Microbiological methods:

- Isolation of a certain ecological and trophic group of a microorganism;
- Cultivation of microorganisms;
- Obtaining a pure culture of bacteria;
- Bright-field, dark-field, phase-contrast and electron microscopy.

## TRAINING

2022, January 24 - April 19 - "Modernization of higher education and science: paradigm of science and technologies innovative development" (University of Rzeszow, Center for Innovation, Technical and Natural Knowledge Transfer, Poland).

2021, January 25 - April 09 - "Methodology of scientific research in the field of education, science and innovation for sustainable development" (University of Rzeszow, Center for Innovation, Technical and Natural Knowledge Transfer, Poland).

2021, March 15 - April 1 - "Environmental engineering: tools for estimation and conservation of soil and water resources according to international standards" (NIÇDE ÖMER HALISDEMİR UNIVERSITY, Turkey).

2021, July 07 - "Field Farmers School Shelterbelts establishment, reconstruction and management" (FAO, GEO).

2019, February 04-15 - "Management and use of natural resources" (Kobe Gakuin University, Japan).

2018, April 02 - May 03 - "Use of MS Excel in mathematical and statistical research of environmental problems" (Institute of Postgraduate Education of the National University of Food Technologies, Ukraine).

2018, 06.08-17.08 - "Innovations in the pedagogical process" (Uman National University of Horticulture, Ukraine).

2016, 05.07-29.07 - "Ecological safety" (State Ecological Academy of Postgraduate Education and Management of the Ministry of Ecology and Natural Resources of Ukraine, Ukraine).

2007, 24.06-08.07 - "The role of advisory services in stimulating socio-economic change in the Ukrainian countryside" (Pomeranian Agricultural Advisory Center in Gdansk, Poland).

2006, 13.11 - 06.12 - "Soil Conservation and Water Resources Management in Agriculture" (MASHAV-CINADCO, State of Israel).

## INTERNATIONAL PROJECTS

Project № 57653592 "Agroecology education as response to food crisis in Ukraine" (2022, DAAD);

Project GCP/UKR/004/GFF «Integrated Natural Resources Management in Degraded Landscapes in the Forest-Steppe Zone of Ukraine (MSP)» (2020-2021, FAO) – Project Manager;

Competition in the European Union's Horizon 2020 Framework Program for Research and Innovation;

Project 2021-07/UKR/AUNGO/05/AV00 «Plant for life» (2021, Yves Rocher Foundation, France);

Competition of projects for the implementation of research and development "Science for human security and society" National Research Foundation of Ukraine (2020);

«Greening the Planet Together» (2016-2020, Yves Rocher Foundation, France);

«Beauty for the benefit of the planet» (2017, Yves Rocher Ukraine, Ukraine).

## SCIENTIFIC SCHOOL

5 candidates (PhD) and 2 doctors of sciences were prepared.

## SCIENTIFIC AND PUBLIC ACTIVITIES

- Deputy Chairman of the Specialized Scientific Council D 26.371.01 in the specialty 03.00.16 - "Ecology";
- Member of the editorial board of the scientific-theoretical publication "Agroecological Journal" and "Balanced Nature Using";
- Member of National Public Organization Vynohrads'kyj Society of Microbiologists of Ukraine (SMU) and FEMS;
- Member of All-Ukrainian Public Organization «Vavilov Society of Geneticists and Breeders of Ukraine»;
- Vice-President of the All-Ukrainian Public Organization "Association of Agroecologists of Ukraine";
- Member of the expert group of the invention support fund of the Ministry of Economy of Ukraine in the field of "Technological renewal and development of the agro-industrial complex", expert of UkrINTEI;
- Member of the working group of the Ministry of Environmental Protection and Natural Resources of Ukraine on the development of the second nationally determined contribution of Ukraine to the Paris Agreement (HBB2).

## REFERENCES

Author of 250 scientific works, including 10 publications included to the Scopus or Web of Science databases, co-author of 6 monographs and reference dictionaries, 3 training manuals, 11 methodical recommendations, the national standard of Ukraine 6 patents, and author's certificates.