

PERSONAL INFORMATION

Boyka Zdravkova Malcheva



 Sofia Bulgaria

 Replace with telephone number  0897 886 924

 Boika.Malcheva@gmail.com

Sex: Female | **Date of birth:** 20/03/1980 | **Nationality:** Bulgarian

WORK EXPERIENCE

Replace with dates (from
23.04.2012 – to until)

Replace with occupation or position held: Assistant

Replace with employer's name and locality (if relevant, full address and website): The University of Forestry, 10 Kliment Okhridsky Blv., 1756 Sofia

- Replace with main activities and responsibilities: Teaching students – exercises in the disciplines "Microbiology" and "Microbiological control in the environment".

Replace with dates (from
01.05.2010 – to until)

Replace with occupation or position held: Senior Expert Ecologist

Replace with employer's name and locality (if relevant, full address and website): Sofia Regional Health Inspection, 20 Vranja Str., 1233 Sofia; www.srzi.bg

- Replace with main activities and responsibilities: Perform chemical studies of factors of environment (atmospheric air, air of the working environment, soil) and on products and goods (cosmetics) of importance to public health.

EDUCATION AND TRAINING

Replace with dates (from
2006 – to 2012)

Replace with qualification awarded: Doctor

Replace with education or training organisation's name and locality (if relevant, country): The University of Forestry, 10 Kliment Okhridsky Blv., 1756 Sofia, Bulgaria

- Replace with a list of principal subjects covered or skills acquired: Ecology, Urban Ecology, Soil Microbiology, Soil Enzymology

Replace with dates (from
2003 – to 2005)

Replace with qualification awarded: Ecologist – master degree

Replace with education or training organisation's name and locality (if relevant, country): The University of Forestry, 10 Kliment Okhridsky Blv., 1756 Sofia, Bulgaria

- Replace with a list of principal subjects covered or skills acquired: Urban Ecology

CURRICULUM VITAE

Replace with dates (from 1999 – to 2003)

Replace with qualification awarded: Ecologist – bachelor's degree

Replace with education or training organisation's name and locality (if relevant, country): The University of Forestry, 10 Kliment Okhridsky Blv., 1756 Sofia, Bulgaria

- Replace with a list of principal subjects covered or skills acquired: Ecology and Environmental Protection

Replace with dates (from 2002 – to 2004)

Replace with qualification awarded: Teacher

Replace with education or training organisation's name and locality (if relevant, country): The University of Forestry, 10 Kliment Okhridsky Blv., 1756 Sofia, Bulgaria

- Replace with a list of principal subjects covered or skills acquired: Study of the general and specific subjects related to "Ecology and conservation of the environment" and pedagogical subjects.

PERSONAL SKILLS

Mother tongue(s) **Bulgarian**

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Replace with name of language certificate. Enter level if known.					
French	B1	B1	B1	B1	B1
Replace with name of language certificate. Enter level if known.					
Russian	B2	B2	B1	B1	B1
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Replace with your communication skills. Specify in what context they were acquired.

- Communication in professional and academic environment as a result of my work as an expert in health care institution and assistant professor at the University of Forestry.

CURRICULUM VITAE

Organisational / managerial skills

Replace with your organisational / managerial skills. Specify in what context they were acquired.

- Ability to work in a team (currently responsible for a team of 11 people in sector chemical studies of the living environment)
- Annual organization exercises over 100 students in the disciplines "Microbiology" and "Microbiological control in the environment"
- Member of the Board of NGO "Permanent Education"- branch of the Japanese organization "Nomura Lifelong Integrated Education"

Job-related skills

Replace with any job-related skills not listed elsewhere. Specify in what context they were acquired.

- Work AAS "Perkin Elmer", Spectrophotometer "Specol 11", UV VIS "Lambda 25"
- Chemical analysis of contaminants in the soil, air of the working environment, atmospheric air and cosmetic products;
- Microbiological analyzes of soil, water, food, cosmetics
- Good work in an accredited organization for health control (I'm responsible for the quality of conducting chemical analysis in "Physico-chemical studies of living environment" in front of the Executive Agency "Bulgarian Accreditation Service").

These skills are acquired through my work in the laboratory of health inspection and as an assistant at the University.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
 Digital competences - Self-assessment grid

Replace with name of ICT-certificate(s)

Replace with your other computer skills. Specify in what context they were acquired. Example:

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software gained as an amateur photographer
- I own qualification "Computer Operator" - good command of Microsoft Office Word, Excel, Power Point, GIS - skills acquired at school and university education

Driving licence

Replace with driving licence category/-ies.

- B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

Replace with relevant publications, presentations, projects, conferences, seminars, honours and awards, memberships, references. Remove headings not relevant in the left column.

Publication:

- Malcheva, B., M. Nustorova. 2007. Microbiological Activity and Heavy Metal Content in Anthropogenic Soils from Sofia District. V National youth scientific-practical session, 21.V.2007, Sofia.
- Nustorova, M., B. Malcheva. 2007. Enzyme activity of anthropogenic soils from Sofia District., "Forestry Ideas", 1-2, pp. 57-64, Sofia.
- Malcheva, B. 2008. Catalase activity and some chemical properties of the anthropogenic soils. II Balkan Scientific Conference "Science, Education and Art in the 21st Century", 26-27 September, Bulgaria, Blagoevgrad, pp 333-339.
- Malcheva, B. 2008. Dynamics of the urease activity of the anthropogenic soils in the region of Sofia. XVII National Conference "Management and quality" of young researchers, 3-5 July, Jundola, pp 35-45.
- Malcheva, B., M. Noustorova, A. Goushterova, E.Vasileva-Tonkova. 2010. Application of soil enzyme activities in evaluation of the status of anthropogenic soils in the city of Sofia, Bulgaria. International Conference-Exhibition on Soils, Sediments and Water – Intersol 2010, Paris-Sud, March 16-19, 2010, Book of Abstracts, 1-2.
- Nustorova, M., B. Malcheva. 2011. Dynamics of the protease activity of the urbogenic soils in the region of Sofia. Ecology and future AAR. X, No. 4, Sofia, pp. 30-36.
- Malcheva, B. 2012. Soil microbiological indicators to identify the status of anthropogenic soils in the municipality of Sofia, Autoreference dissertation, 40 p.
- Malcheva, B. 2012. Soil microbiological indicators to identify the status of anthropogenic soils in the municipality of Sofia, Dissertation, 198 p.
- Malcheva, B., Velizarova, E., Nustorova, M., Molla, I., 2014. Enzyme activity of forest fire-influenced soils from the north slopes of the Rila mountain (region of Dolna Bania). Forestry Ideas, vol. 21, No 1 (49): 55–66.
- Molla, I., E. Velizarova, B. Malcheva, E. Bogoev, Y. Hadzhieva, 2014. Forest fire impact on the soil carbon content and stock on the north slopes of Rila Mountain (Bulgaria). Ecologia Balcanica, vol. 5: 81–88.

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

- Malcheva, B., 2014. Effect of heavy metal pollution on soil microflora in the region from municipality of Kardzhali. XXIII International Scientific Conference "Management and Quality" for young scientists, pp. 44-55 (in Bulgarian).
- Malcheva, B., 2014. Enzymatic activity of the heavy metals polluted soil in the region from municipality of Kardzhali. XXIII International Scientific Conference "Management and Quality" for young scientists, pp. 56-64 (in Bulgarian).
- Atanasova, P., B. Malcheva, P. Panayotova, D. Dimitrov, 2015. Comparativ evaluation between urbocenosis and agrocenosis on basis chemical and microbiological characteristics of soils. Ecology and Safety, vol. 9, pp: 285-292.
- Malcheva, B., P. Atanasova, P. Panayotova, D. Dimitrov, 2015. Chemical and enzymatic indexes of urbogenic and agrogenic soils from the region of municipality of Varna. Ecology and Safety vol. 9, pp: 330-339.
- Velizarova, E., R. Nedkov, I. Molla, M. Zaharinova, B. Malcheva, 2015. Soil organic matter changes in result of forest fires in Vitosha mountain. Forestry Ideas, 2014, vol. 20, 2 (48): 171– 180.

Projects:

- 2006 – 2007: "The relationship of soil and microbiological indicators for assessment of anthropogenic soils on the territory of Sofia Municipality" – 21/18.05.2006; 19/29.05.2007, funded by the Scientific Research Sector Forestry University, Head: Prof. Maya Nustorova
- 2012-2014: "Develop a classification of types of combustible materials in forest ecosystems" - 152/07 / of 12/2012, funded by the EFA-MAF Head: Prof. Emilia Velizarova
- 2013-2014: "Development of electronic forms of distance learning in higher education" - BG051PO001-4.3.04, funded by the EUROPEAN SOCIAL FUND Operational Programme "Human Resources", Head: Prof. Veselin Brezin
- Participation in the project: 2016-2019. Comparative study of different types of compost to determine the phases of composting, compost quality and method of administration - № 14 / 01.19.2016, the funded Forestry, Head: Prof. Dr. Maya Nustorova.

Conferences:

- V National youth scientific-practical session, 21.V.2007, Sofia, Bulgaria.
- XVII National Conference "Management and quality" of young researchers, 3-5 July, 2008, Jundola, Bulgaria.
- II Balkan Scientific Conference "Science, Education and Art in the 21st Century", 26-27 September, 2008, Blagoevgrad, Bulgaria.
- Second Scientific conference on ecology, November 1st 2013, Plovdiv, Bulgaria.

**ADDITIONAL
INFORMATION****Participation in courses and seminars:**

1. Certificate № 35 059 / 13.10.2011 for training "Development and management of projects under OP" Environment ".
2. Certificate № 31 897 / 28.04.2011 for training "Waste Management. European norms and practices. "
3. Certificate № 04 / 27.09.2011 passed training on "Health requirements for cosmetic products."
4. Certificate № 35 444 / 11.11.2011 for training "Functions in MS EXCEL".
5. Certificate № MC-152 / 29.05.2013 passed training on "Defining the numbering concentration of inorganic fibers in the air of the working environment."
6. Certificate № MC - 165 / 31.05.2013 passed training on "strategy, methods and instruments for measuring occupational dust exposure."
7. Certificate № K21-425 / 21.06.2013 passed training on the internal auditor - BS EN ISO 19011: 2011 "Guidelines for auditing management systems" for the purpose of internal audits BS EN ISO / IEC 17020: 2012.
8. Certificate № K21-439 / 30.09.2013 passed training on "Implementation of external and internal calibration - a guarantee for maintaining the traceability of measurements in accordance with the requirements of BS EN ISO / IEC 17025: 2006 and BS EN ISO / IEC 17020 : 2012 ".
9. Certificate № 110 / 25.06.2014 on a course on "Good Laboratory Practice based on the requirements of BS EN ISO / IEC 17025 and applicable guidelines to ensure valid measurement results. Practical tasks.
10. Certificate № MC - 340 / 31.10.2014 passed training on "Identification of asbestos in materials."
11. Certificate № MC - 179 / 23.06.2014 passed training on "Validation / verification of chemical and microbiological testing methods."
12. Certificate of Completion "Training for operation and maintenance of e-learning platform Blackboard Learn™", 2014
13. Certificate № MC - 165 / 28.04.2015 passed training on "Verification / Validation and estimating uncertainty of chemical measurements."
14. Certificate № 176 / 06.05.2015 passed training on "Uncertainty of measurement results in the field of analytical chemistry."