

Brankica Spaseva, MSc**Research Assistant**

UKIM Institute of Agriculture Skopje

Department of Field Crops

16 Makedonska brigada 3A, 1000 Skopje

Tel: +389 2 3230910

Fax: +389 2 3114283

e-mail: b_vasileva@zeminst.edu.mk ; vasileva.brunkica@gmail.com

Academic qualifications**2014 – M.Sc.**

MAIB (Mediterranean Agronomic Institute of Bari)

Waste materials derived bio-effectors used as growth promoters for strawberry plants. An agronomic and metabolomic study

2012 – B.Sc.

“Goce Delčev” University – Stip, Faculty of Agriculture, Stip

Training and research experienceWorkshops:

2024. Sustainable management of plant residues in agriculture, Javor Association - Zrnovci, January, Kočani

2023. Agricultural residues as textile and design raw material in Kočani Municipality, April, Vinica

2022. EIT Food Start-Up Awareness Event. Smart farming - the future of agricultural and rural development, November, Skopje

2022. Smart farming Start-up training, November, Ohrid

2022. Agricultural residues as textile and design raw material in the municipality of Kočani, October, Kočani

2022. Training Course on Mutation Breeding and Associated Biotechnologies for Crop Improvement, 31 October-04 November, Skopje

2022. FAO TCP/RER/3802: Creating enabling environments for enhanced climate resilience in agriculture in North Macedonia, June, Kocani

2021. EIT Food Start-Up Awareness Event. Forum for climate change adaptation and Start up opportunities, November, Skopje

Research interests

Cereal crops,
Organic production of agricultural crops

Other professional activities

Participation in international and domestic symposiums:

- IV Student Conference "Critical issues in agriculture and the environment", UGD-Shtip, Faculty of Agriculture, Shtip, 09.11.2023 - The influence of Fitostemin-WP® on the yield and quality properties of rice (*Oryza sativa* L.).
- XII International symposium of agricultural sciences, AgroReS, Trebinje, 24-26.05.2023 - Assessment of seed viability in long-term stored *Oryza sativa* L. accessions after more than a decade.
- 13th Review of student papers, UKIM Faculty of Agricultural Sciences and Food, Skopje, December 12, 2022 - Effect of biostimulator Fitostemin-WP® on yield and quality characteristics of rice (*Oryza sativa* L.).
- International Symposium of Agriculture and Food (ISAF), Ohrid 12-14.10.2022 - Effect of organic fertilizer Orgalife on some yield and quality properties of rice (*Oryza sativa* L.); Allelopathic potential of some weeds in the rice fields of the Kochani region.
- III Balkan Agriculture Congress, Agribalkan, Edirne, Turkey, 29.08-01.09.2021 - Effect of organic fertilizer on some quality properties of the seed and growth potential of two rice varieties (*Oryza sativa* L.) cultivated in North Macedonia.
- II International Meeting Agriscience & Practice (ASP 2019), Stip, Macedonia, 12 April 2019 - Waste materials derived bio-effectors used as growth promoters for strawberry plants. An agronomic and metabolomic study.

Scientific and applicative projects

2023 - 2024. Monitoring of grain bugs (*Eurygaster spp.* and *Aelia spp.*) - pests of wheat quality, in different regions of Macedonia, UKIM, Agricultural Institute, Skopje, participant.

2023 - 2024. Research of the socioeconomic situation among young people in rural areas in N. Macedonia, UKIM, Agricultural Institute, Skopje, participant.

2022 - 2025. Optimizing the weed control approach for major agricultural crops. Agricultural Academy, Pleven, Bulgaria, participant.

2022. EIT Food Start-Up Awareness Event, Smart farming-the future of agricultural and rural development, November, Skopje,

participant.

2022 – 2023. Conducting field and laboratory tests on new foreign varieties of rice (*Oryza sativa* L.) in the conditions of the Kočani Valley, UKIM, Agricultural Institute, Skopje, participant.

2022 – 2023. Agricultural residues as textile and design raw material in the municipality of Kočani, Kočani, participant.

2021 - 2023. ZFTK 14 14 "Selection, technology and seed production of forage crops" (Productive potential of species of the genus Sorghum). Institute of Forage Crops, Pleven, Bulgaria, participant.

2021. EIT Food Start-Up Awareness Event, Forum for climate change adaptation and Start up opportunities, November, Skopje, participant.

Scientific publications

[1] Mitrushev, I., Marinov-Serafimov, P., Andreevska, D., Golubinova, I., Andov, D., Glatkova, G., Spaseva, B., Allelopathic potential of some weeds in the rice fields of the Kochani region, *Journal of Agricultural, Food and Environmental Sciences (JAFES)*, 76, 35-44 (2022).

[2] Mitrushev, I., Spaseva, B., Andreevska, D., Andov, D., Gjosheva-Kovachevikj, M., Glatkova, G., Assessment of seed viability in long-term stored *Oryza sativa* L. accessions after more than a decade, *XII International symposium of agricultural sciences, AgroReS (Book of abstracts)*, Trebinje, Bosnia and Herzegovina, 97 (2023).

[3] Mitrushev, I., Spaseva, B., Andreevska, D., Andov, D., Simeonovska, E., Effect of organic fertilizer Orgalife on some yield and quality properties of rice (*Oryza sativa* L.), *Journal of Agricultural, Food and Environmental Sciences (JAFES)*, 76, 76-84 (2022).

[4] Spaseva, B., Mitrushev, I., Andreevska, D., Andov, D., Simeonovska, E., Gjosheva-Kovachevikj, M., Effect of Orgalife fertilizer on some quality properties of the seed and growth potential of two rice varieties (*Oryza sativa* L.) cultivated in North Macedonia, *III Balkan Agriculture Congress (Book of proceedings)*, Edirne, Turkey, 499-510 (2021).

[5] Vasileva, B., Waste materials derived bio-effectors used as growth promoters for strawberry plants. An agronomic and metabolomic study, Master thesis, Mediterranean Agronomic Institute of Bari (MAIB), Bari, Italy, (2014).