

PERSONAL INFORMATION

Mile Markoski



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Sex M | Date of birth 15.11.1981 | Nationality Macedonian

WORK EXPERIENCE

Business or sector Higher Education

2018-present Associate Professor

Faculty of Agricultural Sciences and Food (FASF), Skopje, University "Ss Cyril and Methodius", Department of Soil Sciences.

Lectures/ practicals on *Soil Sciences*, *Contemporary Soil Classifications* Quality of soils and waters Physics and chemistry of soils. Head Accreditation laboratory for soil and fertilizers analysis according to ISO 17025.

2006-2013 Assistant

Faculty of Agricultural Sciences and Food (FASF), Skopje, University "Ss Cyril and Methodius", Department of Soil Sciences.

Practicals on *Soil Sciences*, Soil Classification, Quality of soils and waters Physics and chemistry of soils

2004-2006 Teaching and research associate

Faculty of Agricultural Sciences and Food (FASF), Skopje, University "Ss Cyril and Methodius", Department of Soil Sciences .

Practicals on *Soil Sciences*, Soil Classification, Quality of soils and waters Physics and chemistry of soils,

EDUCATION AND TRAINING

2008-2013 PhD Diploma

- PhD studies in Soil Sciences, Faculty of Agricultural Sciences and Food, Skopje, Macedonia

2005-2008 MSc Diploma

- MSc studies in Soil Sciences, Faculty of Agricultural Sciences and Food, Skopje, Macedonia

2000-2004 BSc Diploma

- BSc studies in Field Crop Production, Faculty of Agriculture, Skopje, Macedonia

24.6 – 5. 7. 2013 Certificate

R. Turkey. International Agricultural Research and Training Centre (IARTC) with the support of General Directorate of Agricultural Research and Policies (GDAR), Ministry of food, Agricultural and Livestock (MFAL). Menemen,-Izmir, Turkey.

18 - 23. 6. 2012 Certificate

R. Croatia Zagreb. University of Zagreb. Faculty of Agriculture. Коорганизатор CEI University Network Joint Programme, CASEE Fund for Incentives. International Summer School "Climate change and natural resource management"

- 14.10 - 15.11.2008 **Certificate**
R. Croatia Zagreb. University of Zagreb. Faculty of Agriculture. Soil Sciences Department. CEEPUS.
- 17.11 - 18.12. .2007 **Certificate**
R. Poland, Wroclaw University of Environmental and Life Sciences, Faculty of Agriculture. CEEPUS
- 5-11 10. 2004. **Certificate**
Promotion of organic agriculture in the Balkan region GTZ. R. Bugaria.
- 22 – 24. 9. 2010 **Certificate**
Assessor Training on the standard EN ISO / IEC 17025: 2006
To the following topics:
- Requirements of the standard EN ISO / IEC 17025: 2006
- Assessment of the requirements of the standard EN ISO / IEC 17025: 2006,
- Accreditation process (procedure and methodology of assessment
- Personal skills and competencies of assessors.
Accreditation Institute of the Republic of Macedonia – Skopje.
- 15 – 16 11. 2010 **Certificate**
Certificate Seminar sampling of environment:
The following topics:
- Sampling of soil,
- Sampling of soil gas
- Sampling of water.
Physikalisch – Technische Bundesanstalt (PTB)
- 10 – 12 05. 2010 **Certificate**
Traceability and calculation of the measurement uncertainty in chemistry field and microbiology
Technical Assistance for Capacity Building of the Institute of Accreditation (IARM)
- 20.12.2011 **Certificate**
Assessor Training on the following topics:
- Assessment of the adequacy of the calibration certificates
- The role of assessors in the evaluation procedure
- Evaluation of the modified documents IARM use of the accreditation mark, inter laboratory comparisons and PT schemes, traceability, gradation no regulation.
- Evaluation procedure for accreditation of flexible range.
Accreditation Institute of the Republic of Macedonia – Skopje.
- 27-28.4.2012 **Certificate**
Attendance for attendance to the specific seminar for assessor analysis of mineral fertilizers
R.Z. Technical Control, AD. Skopje
- 8-11.10.2012 **Certificate**
Certificate of completed training in the field of analysis of fertilizers
- General information about the sample and requirements for supporting documentation - Requirements Traceability
- The analysis of the nitrogen. Determination of the nitrogen forms.
- Analysis of phosphorus (P_2O_5 solubility of all forms)
- Analysis of the soluble (total) of potassium
- Content analysis of secondary elements, trace elements and heavy metals
- Determination of the quality of liquid fertilizer.
- Determination of physical properties of fertilizers
- Analytics organic fertilizers and soil substrate
Institute of Field and Vegetable Crops in Novi Sad Republic of Serbia and the Laboratory of Agro ecology and Environment, Faculty of Agriculture, University "Goce Delchev" in Stip.

- 8-11.10.2012 **Certificate**
 Certificate of completed training in the field of labor in the flame photometer and spectrophotometer
 - General information on flame photometry as technology and its possibilities
 - Preparation of samples for analysis of flame photometer
 - Analysis of the content of potassium in the fertilizer not organic (practical exercise)
 - The current user maintenance of the appliance.
 - General information on the spectrophotometric technique and its possibilities
 - Preparation of the sample for the analysis of spectrophotometer
 - Analysis of phosphorus content in fertilizer not organic (practical exercise).
 Institute of Field and Vegetable Crops in Novi Sad Republic of Serbia and the Laboratory of Agroecology and Environment, Faculty of Agriculture, University "Goce Delchev" in Stip.
- 26.02.2013 **Certificate**
 Certificate of participation in training on "traceability and calculation of measurement uncertainty in calibration of measuring instruments using reference materials and standards for noise"
 Accreditation Institute of the Republic of Macedonia – Skopje.

PERSONAL SKILLS

Mother tongue(s) Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Macedonian	B1/2	B1/2	B1/2	B1/2	B1/2
English	Replace with name of language certificate. Enter level if known.				
Serbian/Croatians	B1/2	B1/2	B1/2	B1/2	B1/2
	Replace with name of language certificate. Enter level if known.				
Bulgaria	B1/2	B1/2	B1/2	B1/2	B1/2
	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**
- Excellent verbal and written communication skills and organizational and scientific expertise gained through my experience as lecturer and researcher
- Organisational / managerial skills**
- During my work at the Faculty of Agricultural Sciences and Food I co-organized different seminars covering various subjects in the area of agricultural sciences and soil sciences and as well as managed or participated in numerous national and international scientific projects
- Job-related skills**
- Proficient in designing and conducting experiments, laboratory analyses of soil, statistical analysis and interpretation of experimental results.
- Computer skills**
- Proficient with Microsoft Office programs, Outlook and Internet Explorer
 - Competent with specific software packages
 - Proficient with statistical software packages R, NT Sys, SPSS and others
- Driving licence**
- B and C

ADDITIONAL INFORMATION

Projects

International:

- Sustainable Management of Plant Natural Resources in Prespa Region, United Nations Development Programme (5.2018. -5.2020).
- Skills Development and Innovation Support Project –Contract for Development and Design of the Concept for Secondary TVET. Archidata s.r.l., Via Fabio Filzi 27.Milano Italy. 1. 01.2019 to 30. 09. 2019.
- Coordination and integration the latest activities on Earth observation in the region of North Africa, the Middle East and the Balkans and establishing links with the initiatives of the Group of Earth observation (GEO) system of systems for global observations of the Earth (GEOSS), and acronym It is "GEO-CRADLE". Program 2020. (2015 - 2020)
- Macedonian Soil Information System (MASIS) FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (5.3.2013 – 5.3.2015).
- Interactive Farmers Support System for Efficient Water Use Management-RULAND. IPA Cross Border Program (2012-1013).
- Characterization and integrated utilization of advanced wheat mutant lines for food and feed financed by IAEA (2012-2017).

National:

- Research of Soils in the Opitno Pole- Fasf -Skopje for Application in Geo (Global Earth Observation).UKIM. 01.04.2019 to 31.10.2019.
- Utilization of rapeseed (Brassica napus L.) cultivars and hybrids for food, feed and industrial purposes, financed by University Ss. Cyril and Methodius, Skopje (2014-2015).
- Phytoremediation contaminated of soils with heavy metals (Pb, Cd, Zn) in Veles area. Veles Local Government, Ministry of Environment and Physical Planning of the Republic Macedonia.(2006)
- Phytoremediation contaminated of soils with heavy metals (Pb, Cd, Zn) in Veles area. Veles. Ministry of Agriculture, Forestry and Water Management (2008).

Presentations
Conferences
Seminars

CONFERENCES AND SYMPOSIA

- GREEN ROOM SESSIONS 2018 International GEA (Geo Eco-Eco Agro) Conference. 1-3 November 2018. Podgorica, Montenegro.
- 1st INTERNATIONAL MEETING AGRISCIENCE & PRACTICE (ASP 2018). 10-11 05. 2018.
- Global Symposium on Soil Pollution (GSOP18). 2 – 4. 05. 2018. Rim. Italia.
- 3ND INTERNATIONAL SYMPOSIUM FOR AGRICULTURE AND FOOD ISAF 2017. 18-20. X. 2017.Ohrid. R.N. Macedonia.
- 2nd International and 14th National Congress of Soil Science Society of Serbia,“Solutions and Projections for Sustainable Soil Management” 25-28th September 2017. Novi Sad, Serbia.
- XXI INTERNATIONAL EKO-CONFERENCE 2017, XII Environment protection of urban and suburban settlements, 27-28th September 2017, Novi Sad, Serbia.
- THE THIRD WORLD CONFERENCE OF WORLD ASSOCIATION OF SOIL AND WATER CONSERVATION. NEW CHALLENGES AND STRATEGIES OF SOIL AND WATER CONSERVATION IN THE CHANGING WORLD SUSTAINABLE MANAGEMENT OF SOIL AND WATER RESOURCES. August 22-26, 2016. R. Serbia
- INTEGRISANI SKUP ZELJIŠTE 2016 III Savetovanje sa međunarodnim učešćem, “KVALITET ZEMLIŠTA, ODRŽIVA POLJOPRIVREDA I ŽIVOTNA SREDINA” i VI KONFERENCIJA sa međunarodnim učešćem “REMIDIJACIJA 2016” 10. Maj. 2016. Vršac, R. Srbija.
- Stepping Beyond Conventional Water Resources Management with WEAP (StepInWEAP). 27-30 December, 2015. Novi Sad, R. Serbia
- 2ND INTERNATIONAL SYMPOSIUM FOR AGRICULTURE AND FOOD. 7 - 9. X. 2015. Ohrid. R.Macedonia.
- Scientific conference “Challenges in modern agricultural production” 11.12.2014. Skopje, Republic Macedonia.
- Sustainable soil management for food and environment safety. 12 Congress of the Croatian Society of Soil Sciences. 22-26. 9. 2014. Dubrovnik. R. Croatia.
- "Land 2014" International integrated set. I Counselling "Landscaping and landfills in operation sustainable development" IV Conference "New technologies remediation". 12-14.5.2014. Zrenjanin, R. Serbia.
- 1st International congress for soil-water-plants XIII Congress in soil sciences 23-26. 9. 2013. Belgrade, R. Serbia
- THE FIRST WORKSHOP ON THE TOPIC „PROPER IRRIGATION MANAGEMENT FOR IMPROVING OF CROP PRODUCTION YIELDS “15.5.2013 Bitola. R. Macedonia
- International Symposium for Agriculture and Food XXXVII Faculty – Economy Meeting, IV Macedonian Symposium for Viticulture and wine production, VII Symposium for Vegetable and Flower production. 12 – 14 12. 2012. . R. Macedonia
- 1st International scientific conference. Land, usage and protection. 21-23 September. 2011. Andrevlje, Novi Sad, R. Serbia.
- Croatian waters facing the challenge of climate changes. 18-21. V. 2011. Opatija. R. Hrvatska
- International conference - 100 years Bulgarian soil science. 16 - 20. V. 2011. R. Bulgaria.

Memberships

- 2010 - Accreditation Institute of the Republic of Macedonia – Skopje. As assessor, technical expert.

Publications

RELEVANT PUBLICATIONS IN THE LAST 5 YEARS:

1. **Mile Markoski**, Tatjana Mitkova, Vjekoslav Tanaskovik, Velibor Spalević. (2019): Content of humus and soil pH of the soils formed upon limestones and dolomites. CONTRIBUTIONS, Section of Natural, Mathematical and Biotechnical Sciences, MASA, Vol. 40, No. 2, pp. 151–160 (2019).
2. Tatjana Mitkova, **Mile Markoski**. (2019): A review to the genesis, evolution and classification of the soils formed on limestones and dolomites in the Republic of Macedonia. CONTRIBUTIONS, Section of Natural, Mathematical and Biotechnical Sciences, MASA, Vol. 40, No. 1, pp. 63–72 (2019).
3. Vjekoslav Tanaskovik, Ordan Cukaliev, Davor Romić, Gabrijel Ondrasek, Radovan Savić, **Mile Markoski**, Stojanche Nechkovski. (2019): Water use efficiency and pepper yield under different irrigation and fertilization regime. CONTRIBUTIONS, Section of Natural, Mathematical and Biotechnical Sciences, MASA, Vol. 40, No. 1, pp. 53–62 (2019).
4. **Mile Markoski**, Tatjana Mitkova, Vjekoslav Tanaskovik, and Velibor Spalevic (2018): Soil distribution in Strumica river basin and its importance for agricultural production. Agriculture & Forestry, Vol. 64 Issue 4: pp. 121-128.
5. Manasievska-Simikj Silvana, Mitkova Tatjana, **Markoski Mile**, Vasin Jovica, Stamoska Angelina, Georgievska Milijana, Rikaloska Tatjana, Rikaloski Ice (2018): Initial approach for phytoremediation of petroleum hydrocarbons-mixed soil at oil industry in Skopje region. GLOBAL SYMPOSIUM ON SOIL POLLUTION. FAO HQ, Rome, Italy, 2-4 May 2018, pp.728-737.
6. **M. MARKOSKI**, G. BAROVIC, T. MITKOVA, V. TANASKOVIC, V. SPALEVIC (2018): CONTENTS OF EXCHANGEABLE CATIONS OF SOILS FORMED UPON LIMESTONES AND DOLOMITES. Journal of Environmental Protection and Ecology 19, No1, pp.127–138. ISSN. **Impact Factor** 0.734.
7. Tatjana Mitkova, **Mile Markoski**. (2017): SOIL DISTRIBUTION IN BREGALNICA RIVER BASIN AND ITS IMPORTANCE FOR AGRICULTURAL PRODUCTION. CONGRESS PROCEEDINGS 2nd International and 14th. National Congress of Soil Science Society of Serbia. NSoil, 2017. pp.22-27.
8. Velibor Spalevic, Dusko Vujacic, Morteza Behzadfar, Paolo Billi, Sabri El Mouatassime, **Mile Markoski**, Vera Popovic, Ronaldo Luiz Mincato. (2017): Application of the river basin model in calculation of sediment yield in the S9-1 watershed of the shirindareh river basin, Iran. XXI INTERNATIONAL ECO-CONFERENCE@2017. Environmental Protection of Urban and Suburban settlements. Proceedings 2017. pp. 375-384.
9. **Markoski M.**, Mitkova T., Tanaskovik V., Spalevic V., Zgorelec Z.(2016): The influence of the parent material on the texture and water retention curves in the soil formed upon limestones and dolomites Agriculture and Forestry, 62 (4): 175-192. DOI: 10.17707/AgricultForest.62.4.20.
10. Vjekoslav Tanaskovik, Ordan Cukaliev, Rameshwar S. Kanwar, Lee K. Heng, **Mile Markoski**, Velibor Spalevic. (2016): Nitrogen Fertilizer Use Efficiency of Pepper as Affected by Irrigation and Fertilization Regime. Notulae Botanicae Horti Agrobotanici Cluj-Napoca. Vol.44.No2.(2016).pp.525-532
11. Behzadfar, A., Cesar Ferreira Guicardi, A., **Markoski, M.**, Rodolfo Ribeiro Sakuno, N., Luiz Mincato, R., Moteva, M., Tanaskovik, V. (2016): Calculation of Soil loss from the S7-3 Catchment of the Shirindareh Watershed, Iran using the River Basin Model. Agriculture and Forestry, 62 (3): 65-71. DOI:10.17707/AgricultForest.62.3.06.
12. Tanaskovik, V., Cukaliev, O., **Markoski, M.**, Mitkova, T., Vukelic-Shutoska, M. (2016): Soil moisture dynamics in different irrigation regimes of tomato crop. Agriculture and Forestry, 62 (1): 415-429. DOI: 10.17707/Agricult Forest.62.1.43
13. **M. Markoski**, S. Arsov, T. Mitkova and I. Janeska-Stamenkovska. 2015: The Benefit GIS Technologies and Precision Agriculture Principles in Soil Nutrient Management for Agricultural Crop Production. Bulg. J. Agric. Sci. 21. Volume. 3: pp. 554–559.

- Publications

- **ПРИРАЧНИК ЗА ПОЧВЕНИ АНАЛИЗИ.** Проф. д-р. Татјана Миткова, асс. м-р Миле Маркоски
Издавач: USAID, Foundation open society Macedonia. Скопје, август **2013** година.
- **ПРАКТИЧЕН ВОДИЧ И МЕРКИ ЗА САНАЦИЈА НА ПОЧВИТЕ ВО ПОПЛАВЕНИ ПОДРАЧЈА.**
проф. д-р Татјана Миткова, доцент д-р Миле Маркоски, проф. д-р Иван Блинков, проф. д-р Драги
Димитриевски. Издавач: Федерација на фармерите на Република Македонија (ФФРМ),
Шведската Интернационална Агенција за соработка (Сида) и We Effect. Сида и WE Effect. **2016**
година.
- **Миле Маркоски,** Јосиф Митрикески, Татјана Миткова. **2015.** Почвите распространети на
подрачјето опфатено со листовите Струмица 1,2,3,4 и Демир Капија 2 и 4 на топографска
основа 1:50 000 (Источно од гринич). Толковник. Издавач: Универзитет Св. “Кирил и Методиј”-
Скопје. Земјоделски институт-Скопје.
- Јосиф Митрикески, Татјана Миткова, **Миле Маркоски.** **2015.** Почвите распространети на
подрачјето опфатено со листовите Прилеп 2 и 4, Демир Капија 1 и 3 и Кајмакчалан 2 на
топографска основа 1:50 000 (Источно од гринич). Толковник. Издавач: Универзитет Св. “Кирил
и Методиј”-Скопје. Земјоделски институт-Скопје.
- Јосиф Митрикески, Татјана Миткова, **Миле Маркоски.** **2015.** Почвите распространети на
подрачјето опфатено со листовите Скопје 2 и 4 и Велес 1 и 3 на топографска основа 1:50 000
(Источно од гринич). Толковник. Издавач: Универзитет Св. “Кирил и Методиј”-Скопје.
Земјоделски институт-Скопје.
- Татјана Миткова, Јосиф Митрикески, **Миле Маркоски.** **2015.** Почвите распространети на
подрачјето опфатено со листовите Велес 2 и 4 и Штип 1 и 3 на топографска основа 1:50 000
(Источно од гринич). Толковник. Издавач: Универзитет Св. “Кирил и Методиј”-Скопје.
Земјоделски институт-Скопје.
- Коле Василевски, **Миле Маркоски.** **2015.** Почвите распространети на подрачјето опфатено со
секциите Гостивар 1,2,3,3а и 4 и Скопје 1 и 3 на топографска основа 1:50 000 (Источно од
гринич). Толковник. Издавач: Универзитет Св. “Кирил и Методиј”-Скопје. Земјоделски институт-
Скопје.