

Dr Maja S. Manojlović, redovni profesor

Uža naučna oblast: Pedologija i agrohemija

Oblast naučnog interesovanja:

Plodnost zemljišta i upravljanje hranivima u cilju proizvodnje bezbedne hrane i očuvanja životne sredine u organskoj i konvencionalnoj poljoprivredi; elementi u tragovima; biofortifikacija; SOC sekvencijacija



Obrazovanje

- Dipl. inž. (1989) Poljoprivredni fakultet, UNS, Ratarsko-povrtarski smer
- Magistar (1991) Poljoprivredni fakultet, UNS, Zemljište i ishrana biljaka - Agrohemija
- Doktor nauka (2000) Poljoprivredni fakultet, UNS (*Selen u zemljištima Vojvodine i njegova pristupačnost*)

<https://scholar.google.com/citations?user=aEjzvEAAAAJ&hl=en>

<https://www.scopus.com/authid/detail.uri?authorId=55931871100>

[Maja Manojlović \(0000-0002-1538-740X\) \(orcid.org\)](https://orcid.org/0000-0002-1538-740X)

Odabrane publikacije

- Kovačević D, **Manojlović M**, Čabilovski R, Ilić ZS, Petković K, Štrbac M, Vijuk M (2022) Digestate and Manure Use in Kohlrabi Production: Impact on plant-available nutrients and heavy metals in soil, yield, and mineral composition. *Agronomy* 12(4) 871
- Petković K, **Manojlović M**, Čabilovski R, Lončarić Z, Krstić Dj, Kovacević D, Ilić M (2022) Nitrogen fertilization affected zinc and selenium biofortification in silage maize. *Crop & Pasture Science* 73(8) 781-791
- Ćirić V, **Manojlović M**, Svarc-Gajić J, Sitaula K B (2021) Comparison, limitations and uncertainty of wet chemistry techniques, loss on ignition and dry combustion in soil organic carbon analysis. *Agrochimica* 65(3) 295-314
- **Manojlović M**, Lončarić Z. Selenium deficiency in regional soils affecting animal and human health in Balkan and other European countries. In Singh BR, McLaughlin, MJ, Brevik E (eds) 2017 *The Nexus of Soils, Plants, Animals and Human Health- Catena- Schweizerbart, Stuttgart*, 87-98 ISBN 978-3-510-65417-8
- **Manojlović M**, Čabilovski R, Nikolić Lj, Džigurski D, Šeremešić S, Bavec M (2017) Ground cover management and farmyard manure effects on soil nitrogen dynamics, productivity and economics of organically grown lettuce (*Lactuca sativa* L. subsp. *Secalina*). *Journal of Integrative Agriculture* 16(4) 60345-7
- **Manojlović M**, Singh BR (2012) Trace elements in soils and food chains of the Balkan region. *Acta Agriculturae Scandinavica, Section B - Plant Soil Science* 62(8) 673-695
- **Manojlović M**, Čabilovski R, Sitaula B (2011) Soil organic carbon in Golija mountain (Serbia) soils: effects of land use and altitude. *Polish Journal of Environmental Studies* 20(4) 977-986
- **Manojlović M**, Čabilovski R, Bavec M (2010) Organic materials: Sources of nitrogen in organic production of lettuce. *Turkish Journal of Agriculture and Forestry* 34 163-172
- **Manojlović M**, Aćin V, Šeremešić S (2008) Long-term effects of agronomic practices on the soil organic carbon sequestration in Chernozem. *Archives of Agronomy and Soil Science* 54(4) 353-367

Odabrani projekti

- FAO project "Increasing national capacities to assess the risk of diffuse agricultural soil pollution" aiming to support decrease agriculture related soil pollution in Serbia, 2021-2023 *nacionalni koordinator*
- ERASMUS+ Capacity building. Development of bachelor program in agroecology with dual education in Kazakhstan (AGROKAZ), Project number: 101082564, 2023-2026 *učesnik*
- ERASMUS+K2 program: Strategies to predict, prevent and reduce the effect of fungal contamination on cereals quality, production and food safety. SAFETYCER - Project No. 2017-1-RO01-KA202-037215, 2017-2019 *nacionalni koordinator*

- Organska poljoprivreda: Unapredjenje proizvodnje primenom đubriva, biopreparata i bioloskih mera. TR31027, 2011-2019 *rukovodilac*
- Influence of human activity in urban areas on the distribution and mobility of some potentially toxic elements in urban environmental matrices: a comparison between the situation in Rome and Novi Sad (URBESOIL), Serbian–Italy scientific and technological bilateral cooperation, 2014-2016 *koordinator za UNS*
- Programme IPA II- Cross-border Programme Croatia - Serbia - Agriculture Contribution Towards Clean Environment and Healthy Food, funded by the European Union, 2013-2015 *koordinator za UNS*
- Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans; Mineral improved crop production for human and animal health in Balkan Countries; Grassland management for high forage yield and quality in the Western Balkans. Balkan-HERD program, 2010-2014 *koordinator za UNS*
- COST Action FA0905 Mineral Improved Crop Production for Healthy Food and Feed, 2010-2014 *MC member*

Akadske aktivnosti

- Nastava na osnovnim akademskim, master i doktorskim studijama
- Rukovodilac studijskog programa Organska poljoprivreda na PF, UNS
- Mentor 7 doktorskih disertacija - 6 odbranih, 2 magistarske teze, 6 master radova i više diplomskih radova; Komentor 2 MSc rada na University of Life Sciences, Norveška.
- Učesnik komisija za odbranu na svim nivoima studija.

Usavršavanja u inostranstvu

- Norveška (Agric University of Norway, NLH, Department of Soil and Water Sci, 2002, 4-meseca)
- SAD (**Borlaug Fellowship Program**, Iowa State University, Organic Lab, 2005, 1-mesec)
- Nemačka (Agric University of Hohenheim, TEMPUS JEP18096-2003 (Reform of Agricultural Higher Education in Serbia and Montenegro), 2005, 1-mesec)
- Norveška (University of Life Sciences, UMB, Dept. of Plant and Environ. Sci, 2007, 1-mesec)
- Norveška (Laboratory course. U. of Life Sciences, Dept of Plant and Environ Sci, 2008, 1-mesec)
- Nemačka (Kassel University, Witzenhausen, 2010)
- Italija (Summer School on Soil Survey. Joint Research Centre, Ispra, 2006)
- Legislation on Organic farming (EC) No 834/2007, 889/2008 and 1235/2008; Introduction to ISO 65 and IAF Guideline on the application of ISO/IEC Guide 65: 1996 (IAF GD 5:2006). GTZ and GFRS, Göttingen, 2010

Članstvo u udruženjima

- SDPZ Srpsko društvo za proučavanje zemljišta; ENOAT European Network of Organic Agriculture University Teachers; ISOFAR International Society of Organic Agriculture Research

Ostale aktivnosti

- Publikacije u međunarodnim časopisima sa impact faktorom (SCI) 34
- Citiranost prema Google Scholar 1226 (h-index 16); Scopus 422 (h-index 12)
- Šef Laboratorije za ispitivanje zemljišta, đubriva i biljnog materijala (2016-)
- Član Saveta Poljoprivrednog fakulteta, UNS (2015-)
- Član Stručnog veća UNS za tehničko-tehnološke nauke (2015-2021)
- Predsednik Komisije za naučni rad studenata PF, UNS (2008-2011)
- Član Upravnog odbora Društva za proučavanje zemljišta Srbije (2017-2019) i Nadzornog odbora SDPZ (2019 -)
- Predsednik Naučnog i Organizacionog odbora konferencije “Organic Agriculture for Agro Biodiversity Preservation” (2017); Generalni sekretar međunarodne ESNA konferencije (2004).
- Član Programskog odbora XII Kongresa Društva za proučavanje zemljišta Srbije (2009), član Programskog odbora Festivala nauke (2009, 2010);
- Recenzent: međunarodne knjige – 2; radova i apstrakata - 50

Full Professor Maja S. Manojlović, PhD

Field of research: Soil science and agrochemistry

Scientific interests: Soil fertility and nutrient management towards clean environment and healthy food in organic and conventional agriculture, status and bioavailability of trace elements in soil, biofortification; SOC sequestration

Academic qualifications

- **BSc** (1989) University of Novi Sad (UNS), Faculty of Agriculture, Agronomy
- **MSc** (1991) UNS, Faculty of Agriculture, Soil Science and Plant Nutrition
- **PhD** (2000) UNS, Faculty of Agriculture, Thesis Title: *Selenium in the Soils of the Vojvodina Province and its Availability*

Selected publications

- Kovačević D, **Manojlović M**, Čabilovski R, Ilić ZS, Petković K, Štrbac M, Vijuk M. Digestate and Manure Use in Kohlrabi Production: Impact on Plant-Available Nutrients and Heavy Metals in Soil, Yield, and Mineral Composition. *Agronomy* 2022 12(4) 871
- Petković K, **Manojlović M**, Čabilovski R, Lončarić Z, Krstić Dj, Kovacević D, Ilić M, Nitrogen fertilization affected zinc and selenium biofortification in silage maize. *Crop&Pasture Science* (2022) 73(8) 781-791
- Ćirić V, **Manojlović M**, Svarc-Gajić J, Sitaula K B (2021) Comparison, limitations and uncertainty of wet chemistry techniques, loss on ignition and dry combustion in soil organic carbon analysis. *Agrochimica* 65(3) 295-314
- **Manojlović M**, Lončarić Z Selenium deficiency in regional soils affecting animal and human health in Balkan and other European countries. In Singh BR, McLaughlin, MJ, Brevik E (eds) 2017: *The Nexus of Soils, Plants, Animals and Human Health- Catena- Schweizerbart, Stuttgart, 87-98 ISBN 978-3-510-65417-8*
- **Manojlović M**, Čabilovski R, Nikolić Lj, Džigurski D, Šeremešić S, Bavec M (2017) Ground cover management and farmyard manure effects on soil nitrogen dynamics, productivity and economics of organically grown lettuce (*Lactuca sativa* L. subsp. *Secalina*). *Journal of Integrative Agriculture* 16(4) 60345-7
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- **Manojlović M**, Čabilovski R, Bavec M (2010) Organic materials: Sources of nitrogen in organic production of lettuce. *Turkish Journal of Agriculture and Forestry* 34 163-172
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Selected projects

- FAO project "Increasing national capacities to assess the risk of diffuse agricultural soil pollution" aiming to support decrease agriculture related soil pollution in Serbia, 2021-2023 *National coordinator*
- Organic Agriculture: Improvement of production by use of fertilizers, biopreparations and biological measures, Ministry of Science and Technological Development of Republic of Serbia (TR31027), 2011-2019 *Coordinator*
- Influence of human activity in urban areas on the distribution and mobility of some potentially toxic elements in urban environmental matrices: a comparison between the situation in Rome and Novi Sad (URBESOIL), Serbian – Italy scientific and technological bilateral cooperation, 2014-2016 *Local coordinator*
- Programme IPA II - Cross-border Programme Croatia - Serbia - Agriculture Contribution Towards Clean Environment and Healthy Food, funded by the European Union, 2013-2015 *Coordinator for UNS*

- Agricultural Adaptation to Climate Change – Networking, Education, Research and Extension in the West Balkans; Mineral improved crop production for human and animal health in Balkan Countries; Grassland management for high forage yield and quality in the Western Balkans. Balkan-HERD program, 2010-2014 *Local coordinator*
- COST Action FA0905 Mineral Improved Crop Production for Healthy Food and Feed, 2010-2014 *MC member*

Academic activities

- Teaching at BSc, MSc and PhD studies. Taught courses covering soil sciences /organic agriculture: soil fertility and nutrient management, global environmental change
- Coordinator of the Organic Agriculture study programs at the FAUNS
- Supervisor to 7 PhD students (6 defended thesis, supervised 2 Magister's, and 6 MSc students, numerous BSc, committees member)

Professional trainings

- Legislation on Organic farming (EC) No 834/2007, 889/2008 and 1235/2008; Introduction to ISO 65 and IAF Guideline on the application of ISO/IEC Guide 65: 1996 (IAF GD 5:2006). GTZ and GFRS, Göttingen, 2010
- Kassel University, Witzenhausen, Germany, 2010 (1-week)
- Laboratory course. University of Life Sciences, Dept of Plant and Environ Sci, Norway, 2008 (1-month)
- University of Life Sciences, UMB, Dept. of Plant and Environ. Sci, Norway, 2007 (1-month)
- Summer School on Soil Survey. Joint Research Centre, Ispra, Italy, 2006 (1-week)
- Borlaug Fellowship Program. Iowa State University, Organic Laboratory, USA, 2005 (1-month)
- Agric University of Hohenheim, Germany, 2005 (1-month), TEMPUS JEP18096-2003 (Reform of Agricultural Higher Education in Serbia and Montenegro)
- Agric University of Norway, NLH, Department of Soil and Water Sci, Norway, 2002 (4-month)

Memberships

- SDPZ Serbian Soil Science Society; ENOAT European Network of Organic Agriculture University Teachers; ISOFAR International Society of Organic Agriculture Research

Other activities

- Publications in international scientific journals (SCI) 34
- Citations : Google Scholar 1226 (h-index 16); Scopus 422 (h-index 12)
- Head of the Laboratory of the testing of soils, fertilizers and plant material (2016-)
- Member of the Council of the Faculty of Agriculture, UNS (2015-)
- Member of the Professional Board for Technical and Technological Sciences UNS (2015-)
- Commission of Scientific Research of students, Faculty of Agriculture, UNS (2008-2011)
- Member of Management Committee Serbian Soil Science Society (2017-2019); Member of the Supervisory Board SDPZ (2019 -)
- President of the Scientific and Organizational Board conference "Organic Agriculture for Agro Biodiversity Preservation" (2017)
- General Secretary and co-organizer of the XXXIV ESNA Annual Meeting (European Society for Application of New Methods in Agricultural Research), 2004;
- Members of the Scientific-expert Committee of the 9th Congress Protection of soil as a factor of sustainable development of rural areas and improvement of environment, November 23rd – 25th 2015, Mostar; Members of the Program Committee of the 12th Congress of Soil Science Society Republic of Serbia, September 2009, Novi Sad
- Member of the Scientific Committee of Festival of Science, University of Novi Sad, 2009-2011;
- Chairwoman in national and international events
- Reviewer of two international books and 50 manuscripts and abstracts