

dr Klara Petković (rođena Marijanušić), istraživač saradnik
Uža naučna oblast: Pedologija i agrohemija
E-mail: klaram@polj.uns.ac.rs
Telefon: +381 21 4853 370

Obrazovanje

- **Dipl. inž. polj. (2010)** – Univerzitet u Novom Sadu, Poljoprivredni fakultet, smer – hortikultura
- **Mast. inž. polj. (2012)** - Univerzitet u Novom Sadu, Poljoprivredni fakultet, smer – zemljište i ishrana biljaka
- **Doktor biotehničkih nauka (2019)** - Univerzitet u Novom Sadu, Poljoprivredni fakultet, studijski program Agronomija

Odabrane publikacije

1. Čabilovski, R., Brayek, A., Magazin, N., Petković, K., Manojlović, M. (2019): Drip fertigation in apple orchards: impact on soil chemical properties and nutrient distribution in relation to soil texture. *Journal of Agricultural Sciences*, 25 (2019), 481-490.
2. Petković, K., Manojlović, M., Čabilovski, R., Krstić, Đ., Lončarić, Z., Lombnaes, P. (2019). Foliar application of selenium, zinc and copper in alfalfa (*Medicago sativa* L.) biofortification, *Turkish Journal of Field Crops*, 24(1), 81-90.
3. Brayek, A., Čabilovski, R., Petković, K., Magazin, N., Čakmak, D., Manojlović, M. (2019). Efficiency of different methods and forms of microelement application in relation to nitrogen fertilization in apple orchard, *Acta Scientiarum Polonorum Hortorum Cultus*. 18 (5): 201-211.
4. Marijanušić, K., Manojlović, M., Bogdanović, D., Čabilovski, R., Lombnaes, P. (2017). Mineral composition of forage crops in respect to dairy cow nutrition, *Bulgarian Journal of Agricultural Science*, 23(2)-2017, 204-212.
5. Manojlović, M., Kovačević, D., Čabilovski, R., Štrbac, M., Petković, K., Kereši Šoti, B. (2019). Mikroelementi i teški metali u organskim materijalima koji se koriste za podizanje plodnosti zemljišta, *Letopis naučnih radova, Poljoprivredni fakultet*, 3(1): 1-16

Odabrani projekti

1. Organska poljorivreda: unapređenje proizvodnje primenom đubriva, biopreparata i bioloških mera, TR 31027, 2011-2019. (učesnik)
2. Grassland management for high forage yield and quality in the Western Balkans. Balkan-HERD program. (učesnik)
3. Gajenje krmnih biljaka u plodoredu u cilju povećanja plodnosti zemljišta i biodiverziteta u agroekološkim uslovima Vojvodine, APV 114-451-218), 2016-2019. (učesnik)

Akadske aktivnosti

- Izvođenje vežbi iz uže naučne oblasti Agrohemija na osnovnim akademskim studijama

Članstvo u udruženjima

- Srpsko društvo za proučavanje zemljišta

Ostale aktivnosti

- Govori, čita i piše engleski.

Research assistant Klara Petković (born Marijanušić), Ph.D.

Field of research: Soil science and agrochemistry

E-mail: klaram@polj.uns.ac.rs

Telephone: +381 21 4853 370

Academic qualifications

- **B.Sc.** (2010) - University of Novi Sad, Faculty of Agriculture
- **M.Sc.** (2012) - University of Novi Sad, Faculty of Agriculture
- **Ph.D.** (2019) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. Čabilovski, R., Brayek, A., Magazin, N., Petković, K., Manojlović, M. (2019): Drip fertigation in apple orchards: impact on soil chemical properties and nutrient distribution in relation to soil texture. *Journal of Agricultural Sciences*, 25 (2019), 481-490.
2. Petković, K., Manojlović, M., Čabilovski, R., Krstić, Đ., Lončarić, Z., Lombnaes, P. (2019). Foliar application of selenium, zinc and copper in alfalfa (*Medicago sativa* L.) biofortification, *Turkish Journal of Field Crops*, 24(1), 81-90.
3. Brayek, A., Čabilovski, R., Petković, K., Magazin, N., Čakmak, D., Manojlović, M. (2019). Efficiency of different methods and forms of microelement application in relation to nitrogen fertilization in apple orchard, *Acta Scientiarum Polonorum Hortorum Cultus*. 18 (5): 201-211.
4. Marijanušić, K., Manojlović, M., Bogdanović, D., Čabilovski, R., Lombnaes, P. (2017). Mineral composition of forage crops in respect to dairy cow nutrition, *Bulgarian Journal of Agricultural Science*, 23(2)-2017, 204-212.
5. Manojlović, M., Kovačević, D., Čabilovski, R., Štrbac, M., Petković, K., Kereši Šoti, B. (2019). Mikroelementi i teški metali u organskim materijalima koji se koriste za podizanje plodnosti zemljišta, *Letopis naučnih radova, Poljoprivredni fakultet*, 3(1): 1-16

Selected projects

1. Organic Agriculture: Improvement of production by use of fertilizers, biopreparations and biological measures, supported by Ministry of Science and Technological Development of Republic of Serbia, TR 31027, 2011-2019 (participant)
2. Grassland management for high forage yield and quality in the Western Balkans. Balkan-HERD programme. (participant)
3. Growing forage crops in crop rotation in order to increase soil fertility and biodiversity in agro-ecological conditions of Vojvodina Province, supported by Provincial Secretariat for Higher Education and Scientific Research, 114-451-2180/2016-02, 2016-2019 (participant)

Academic activities

- Teaching at undergraduate studies (soil science and agrochemistry)

Memberships

- Serbian Society for Soil Science

Other activities

- Language skills: English.