



CONTACT

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Orcid ID: 0000-0003-0865-9873

LANGUAGES

Bulgarian - Native
English
Russian

GENERAL SCIENTIFIC EXPERIENCE -

21 years

Plamen Marinov- Serafimov

ASSOCIATE PROFESSOR, PHD

SCIENTIFIC INTERESTS:

Optimization of different methods of weeding (chemical, biological, integrated control systems and alternative methods); Biological and economic threshold of the harmfulness of weed species, a critical period of weeding of agricultural crops; Selectivity and efficiency of herbicides, possibilities to overcome the phytotoxic effect of herbicides in forage crops; Allelopathic relationships between weed species and crop plants; Allelopathic tolerance of forage crops to typical weeds; Overcoming induced seed dormancy in *Sorghum* species to increase their competitiveness against typical weeds; Overcoming induced seed dormancy in *Sorghum* species to increase their competitiveness against typical weeds.

EDUCATION AND SPECIALTY:

- 1993 – 1998: Agricultural University, Plovdiv, Speciality: "Agroecology" Qualification degree: "Master"
- 1997 – 1998: Agricultural University, Plovdiv, Speciality: "Plant protection" Qualification degree: "Master"

ACADEMIC CAREER:

- 2017 - Associate professor
- 2006 - Academic research degree "Doctor", PhD
- 2014 - Assis. professor
- 2006 – researcher I degree
- 2004 – researcher II degree
- 2000 – researcher III degree

SCIENTIFIC FIELD:

6. Agricultural Sciences and Veterinary Medicine
Professional direction: 6.2. Plant protection
(Herbology)



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LONG-TERM STUDY AND SCIENTIFIC EXPERIENCE ABROAD:

- 2022 - Mobility with the purpose to train under the Erasmus+ program at the University of St. Cyril and Methodius", the city of Skopje, North Macedonia;
- 2021 - Mobility with the purpose to teach under the Erasmus+ program at the University of St. Cyril and Methodius", the city of Skopje, North Macedonia;
- 2018 - Mobility with the purpose to train under the Erasmus+ program at the Institute of Plant Genetics and Biotechnology, Nitra, Slovakia.
- 2019 - Mobility with the purpose to teach under the Erasmus+ program at the University of St. Cyril and Methodius", the city of Skopje, North Macedonia;
- 2012г. - Certificate of Training Efate - Workshop in Stade, Germany

Plamen Marinov- Serafimov

ASSOCIATE PROFESSOR, PHD

NUMBER OF GUIDES AND PARTICIPATION IN SCIENTIFIC PROJECTS AND TASKS:

- Head of two research projects of the Agricultural Academy
- Participation in over thirty research projects of the Agricultural Academy
- Participation in a research project for the Ministry of Education and Science

SCIENTIFIC PUBLICATIONS AND CITATIONS FOR THE GENERAL SCIENTIFIC EXPERIENCE:

Total number of scientific publications – over 130;
Confirmed citations in the country and abroad – 300 (h-index 7; Google Scholar)

MAJOR SCIENTIFIC ACHIEVEMENTS:

- Weed species composition and population density of weed species in agro phytocoenoses in annual and perennial leguminous forage crops, a biological threshold of harmfulness and critical period of weeding;
- Selectivity and efficacy of modern herbicides in annual and perennial legume and cereal forage crops;
- Optimizing of weed control approaches for integrated and environmentally friendly control of typical weeds in forage crops;
- Chemical composition and quality of forage after application of herbicides to forage crops;
- Possibilities of using cover crops when growing perennial legumes forage crops;
- Application of allelopathic interference as a method for regulating the degree of weed instance from annual and perennial forage crops

MEMBER AND POSITION IN SCIENTIFIC ORGANIZATIONS AND ASSOCIATIONS:

- Editorial board member of Field Crop Studies;
- Head of "Bureau for Scientific Service and Applied Activity" at IFC-Pleven in the period 2009-2010 and 2013-2018 г.;
- Deputy Director of IFC - Pleven 2018-2019;
- Current member of the Scientific Council for Plant Protection at SSA Sofia 2018;
- Acting Director of IFC - Pleven – March 2020 - January 2021;
- Current Deputy Director of IFC - Pleven 2021