

PERSONAL INFORMATION

ERAY SIMSEK



📍 Harran University, Agricultural Faculty, Department of Plant Protection, Sanliurfa, 63290, Turkey

☎ (+90) 414 318 1112 📠

✉ eraysim@harran.edu.tr

| Nationality: TURKEY

WORK EXPERIENCE

2012-2018

Research assistant

Harran University, Agricultural Faculty, Department of Plant Protection, Sanliurfa TURKEY

- Serve as an assistant researcher in various projects
- Serve as assistant researcher in Virology and Phytoplasma laboratory

EDUCATION AND TRAINING

2014-Continuing

PhD student - Thesis Title: Detection of Grapevine Phytoplasmas and Their Alternative Hosts by Multigene Characterization by Molecular Methods

Harran University, Agricultural Faculty, Phytopathology department, Sanliurfa, Turkey

2012-2014

Master of Science (MSc) in Plant Pathology Department

Harran University, Agricultural Faculty, Phytopathology department, Sanliurfa, Turkey

- Research methods
- Basics of Molecular Biology
- Detection and characterization of plant pathogens
- Basics of Phytopathology Laboratory
- DNA isolation methods, DNA sequencing (sanger dideoxy), PCR, RT-PCR, DAS-ELISA,
- Experimental Designing in Greenhouse and Field Conditions
- Plant Virology and Crop Protection
- Plant Response Against Pathogen attacks
- Plant Viruses and Their Insect Vectors
- 

2007-2012

Bachelor of Science in Plant Protection Department (Agricultural Engineering)

Ege University, Agricultural Faculty, Plant Protection department, Sanliurfa, Turkey

- Basics of Plant Physiology
- Basics of Plant Mycology
- Basics of Plant Virology
- Basics of Plant Bacteriology
- Integrated Pest Management
- General Plant Microbiology
- Biochemical Analysis of Plant Protection

PERSONAL SKILLS

Mother tongue(s)

Turkish

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels showed above is constructed according to IELTS Academic (Saturday 2 June 2018 results)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages](http://www.cerl.eu/)

- Communication skills**
- team work: I have worked in various types of teams from research teams to student clubs
  - mediating skills: I worked a

- Organisational / managerial skills**
- During my PhD, I organised a seminar series on research methods
  - I worked as member of organisational committee of International GAP agriculture and livestock congress (<http://www.igap.turkiyecongress.com/duzenleme-kurulu.htm>)
  - I am working a member of web page editorial of my faculty

- Computer skills**
- good command of office suite (word processor, spread sheet, presentation software)
  - good command of photo editing software gained as an amateur photographer
  - competent with most Microsoft Office programmes

- Other skills**
- I am a person able to do occasional domestic repairs and minor renovations.

**Driving licence** Category B (with a 10-year experience)

## ADDITIONAL INFORMATION

- Publications**
- **Simsek E.**, Guldur M.E., Dikilitas M., 2018. Dangerous Pathogens of Agricultural Production: Phytoplasmas. Ziraat, Orman ve Su Ürünlerinde Akademik Araştırmalar, Gece Kitaplığı, pp. 143-169. ISBN: 978-605-288-401-0
  - Dikilitas M., **Simsek E.**, Karakas M, 2018. Stress-responsive signaling molecules, genes, hormones, antioxidant and oxidant molecules of plants under abiotic and biotic stress environments. In: Plant Signalling Molecules: Role and Regulation Under Stressful Environments, Elsevier, 2018 (in press)
  - Dikilitaş M., Balak V., **Simşek E.**, Karakaş S., 2018. Control of Microorganisms With Sound Waves, Harran Journal of Agricultural and Food Sciences, (in press).
  - **Simsek E.**, Guldur M.E., (2017). Identificaton of Cucumber Mosaic Virus Subgroup IA from Pepper and Ground Cherry (*Physalis* spp.) Plants Using RT-PCR In Pepper Growing Areas In Şanlıurfa Province, Turkey. International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017) p.496.
  - **Simsek E.**, Guldur M.E., (2017). Application of Next Generation Sequencing Technologies in Plant Protection. International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017) p.499.
  - **Simsek E.**, Guldur M.E. (2017). Identification of Genetic Diversity of Cucumber Mosaic Virus in Pepper Fields in Şanlıurfa, Turkey. The 3 rd International Symposium on EuroAsian Biodiversity 05-08 July 2017, Minsk – BELARUS. p.203.
  - **Simsek E.**, Guldur M.E., Dikilitas M., Mamay M. (2017). Use of Next-Generation Sequencing Technologies in Biodiversity Research. The 3 rd International Symposium on EuroAsian Biodiversity 05-08 July 2017, Minsk – BELARUS. p.275.
  - **Simsek E.**, Guldur M.E., (2016). The Role of *Physalis* spp. Plants In Spread of Some Viruses by Aphids (Hemiptera: Aphididae) in Field-Grown Pepper Crops In Şanlıurfa Province. International Plant Protection Congress, 5-8 September 2016, TURKEY p.756.