



**TAGEM**  
R&D AND INNOVATION

TRANSITIONAL ZONE AGRICULTURAL RESEARCH  
INSTITUTE/ESKİŞEHİR

## Dr. ÖZGÜR ATEŞ BIOLOGIST

### EDUCATION

- PhD.** 2011-2017 Anadolu University Faculty of Science
- MSc** 2009-2011 Anadolu University Faculty of Science
- Bachelor's Degree** 1999-2003 Ankara University Faculty of Science

**LANGUAGE** English YDS 77,8


### CAREER

- 2011-... Biologist Transitional Zone Agricultural Research Institute - Plant Nutrition and Soil Unit - ESKİŞEHİR .
- 2007 -2011 Engineer Soil and Water Resources Research Institute – Soil Management Department - ESKİŞEHİR.


### ABOUT ME

I was born in 1980 in Eskişehir..I have been working on plant nutrition, soil fertility, soil pollution, soil microbiology and biofertilizer.

### CONTACT

 Eskişehir Transitional Zone Agricultural Research Institute  
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## ▪ **PROJECTS**

### ▪ **Projects Conducted**

1. The Use of Sewage Sludge in Different Rotation Systems (2003-2008) Asistant Researcher.
2. Sustainable Waste Management in Agricultural Areas (2007-2009)Asistant Researcher
3. Determination of Heavy Metal and Plant Nutrient Content of intensive agricultural areas of Eskisehir Province. (2008 – 2010)Asistant Researcher
4. The effects of nitrogen manure application on yield of no-till-aftercrop safflower growing under irrigated conditions in Eskisehir"(2011-2015) Asistant Researcher
5. Researching Possibilities of Phosphorus Dissoves Plant Promotion Rhizobacteria Using As Biofertilizers (2011-2015) Researcher
6. Effects of Nitrogen, Phosphorus and Potassium Applications on Yield and Quality of Chestnut in Bursa region (2011-2013)Asistant Researcher
7. Wheat and sugar beet of Rotations (Interim Plant) Determining the Effects of Sugar Beet Yield Using as a Green Manure and Application of Reduced Nitrogen aqueous conditions Eskişehir (Project manager2011-2016)Asistant Researcher
8. Effects of Different Calcium and Potassium Applications on Yield and Quality of Cherry ,in Afyonkarahisar / Sultandağı (2012-2015) Researcher
9. Effect of Soil and Foliar Boron Applications on Yiled and Qualiyy of Sugar Beet In Central Anatolia (2012-2014)Asistant Researcher
10. Determination of Plant Nutrition Status and Potential Toxic Element Contents of Eskişehir, Kutahya and Bilecik Provinces Soils, Preparation of Soil Data Base and Soil Maps (2013-2016) Asistant Researcher
- 11.



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### ▪ Ongoing Projects

1. Isolation and characterization of plant growth promoting rhizobacteria from Eskişehir -Afyon providences and determination of the effectiveness of phosphorus-solubilizing bacteria. (2019-2023) Researcher)
2. Determination of the Effects of Nitrogenous and Phosphorus Fertilizer Applications on Nutrient Content, Yield and Quality Characteristics of Quinoa in Eskişehir Conditions, (2020-2023), Asistant Researcher
3. Determination of the Efficiency of Wheat-Chickpea and Wheat-The Narbon Vetch Planting Rotation with Different Sowing Methods in Eskişehir Rainfall Conditions, (2020-2025), Asistant Researcher.
4. The Effect of Soil and Foliar Iron Compounds on Biofortification in Bean (*Phaseolus vulgaris*) Plant, (2021 – 2023), Asistant Researcher.
5. Determination of the effectiveness of biofertiliser and biological fungicides in cumin (*Cuminum cyminum*) and material development studies by physical mutation application, (2021 – 2023), Asistant Researcher.



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## ▪ **PUBLICATIONS**

### ▪ **INTERNATIONAL ARTICLES AND PAPERS**

#### ▪ **Articles Published in International Journals**

1. Turhan, E., Kiran, S., Ates C., **Ates, Ö.**, Kusvuran, S., Ellialtioglu, SS., Ameliorative effects of inoculation with *Serratia marcescens* and grafting on growth of eggplant seedlings under salt stress, JOURNAL OF PLANT NUTRITION, 2019, 0190-4167.
2. **Ateş, Ö.**, Kivanç M. Isolation of ACC deaminase producing Rhizobacteria from wheat rhizosphere and determination of plant growth activities under salt stress conditions . APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, 2020; 18(4):5997-6008.
3. Savaşlı, E., Karaduman Y., Önder O., **Ateş Ö.** Prediction of grain protein content and gluten quality of bread wheat in the early vegetation period by optical sensors. J. Cereal Sci. 2021, 102, 103354.
4. **Ateş, Ö.**, Kivanç M. Effects of *Arthrobacter arilaitensis* and *Pseudomonas putida* on Salt Stress Tolerance in Wheat. Environmental Engineering & Management Journal (EEMJ) . 2021, Vol. 20 Issue 12, 2025-2032.
5. Taşpınar, K., **Ateş, Ö.**, Pınar, MÖ., Yalçın, G., Kızılaslan F., Fidantemiz, YF. Soil Contamination Assessment and Potential Sources of Heavy Metals of Alpu Plain Eskisehir Turkey, INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, 0960-3123, (2021).
6. Toprak, S., **Ateş, Ö.**, Yalçın G., Taşpınar, K. How Does N: P: K Fertilizer Applications in Different Levels Affect The Nutrition of Anatolian Chestnut (*CastaneasativaMill.*) ?, INTERNATIONAL JOURNAL OF ANATOLIA AGRICULTURAL ENGINEERING, 2021, 2667-7571, 2021, 3(1), 1-9. RESEARCH, 0960-3123. (2021)
7. Taşpınar, K., **Ateş, Ö.**, Yalçın, G., Kızılaslan F., Pınar MÖ. Soil Contamination and Healthy Risk Assessment Of Peach Orchards Soil Of Bilecik Province Turkey, INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, 2021. DOI: 10.1080/09603123..1926439, (2021)
8. Toprak, S., **Ateş, Ö.**, Yalçın G., Taşpınar, K. Changes in Qualitative and Quantitative Traits of Anatolian Chestnuts (*CastaneasativaMill.*) Fruit Due to Balanced Macro Fertilization. Yüzüncü Yıl University Journal of Agricultural Science Volume 31, Issue 2, (2021)

#### ▪ **International Papers, Seminars, etc.**

1. Taşpınar, K., Polat, H. , **Ateş, Ö.** 2009. The Soil Pollution Depending On Excessive Fertilizer Using In Eskişehir Providance. International Symposium On Environment, 20-23 May 2009 Kyrgyzstan-Turkey Manas University, Bişkek-Kirgizistan.



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2. Yalçın, G., Çakır, S., Yavuz, R., Taşpınar, K., **Ateş, Ö.**, Alveroğlu, V., 2015. Effect on different wheat in the October-December the yield and yield components 4. National Land and Water Resources Congress. 1-4/09/2015 KAHRAMANMARAŞ
3. **Ateş, Ö.**, Yalçın, G., Taşpınar, K., Yılmaz, M., 2016. Determination of in Agricultural Land of Eskişehir Sarıcakaya District. 16-21 October 2016, Eurosoil 2016, İstanbul.
4. Emiroğlu, Ö., Aksu, S., Başkurt, S., Kızılaslan, F., **Ateş, Ö.**, Taşpınar, K., Yalçın, G. 2017. Investigation the Contribution of Fish-Grown Ponds in Aquaculture to Plant Production, International Plant Science and Technology Congress. 21-25/08/2017, Üsküp/MAKEDONYA.
5. Emiroğlu, Ö., Aksu, S., Başkurt, S., Yaylacı, K., Kızılaslan, F., **Ateş, Ö.**, Taşpınar, K., Yalçın, G., 2017. Investigation of the Usability of an Ecological Harmful species, *Carassius gibelio* as an Organic Fertilizer in the Fresh Waters Involved in Plant Production. International Plant Science and Technology Congress. 21-25/08 /2017, MAKEDONYA/ ÜSKÜP.
6. Taşpınar, K., Yalçın, G., **Ateş, Ö.**, Kızılaslan F. Fertility Status of Agricultural Soils in Bilecik Province. 5th International Participation Soil and Water Resources Congress. 12-15 September 2017. Kırklareli Turkey.
7. Taşpınar K., Yalçın, G., **Ateş, Ö.**, Kızılaslan F., Pınar M.Ö., Alveroğlu V., Toprak S., 2019. Fertility Status and Potential Nutrition Problems of Soil Orchards in Bilecik Province. 6 th Congress on Soil & Water Resources with International Participation, 12 -14 November 2019, Menemen-İzmir.
8. Kızılaslan F., **Ateş, Ö.**, Alveroğlu, V., Yalçın, G., Taşpınar, K., Turhan, E., 2019. Determination of the Effects of Calcium at Different Levels on Yield and Quality of Sweet Chery, 6 th Congress on Soil & Water Resources with International Participation, 12 -14 November 2019, Menemen-İzmir.
9. POLAT, M., **ATEŞ, Ö.**, BİLGİLİ, M.E. 2017. Determination Biothermal Power Capacity of Some Agricultural Compost Varieties, 7th International Renewable Energy Conference (IRENEC 2017), İstanbul, Turkey.

### NATIONAL ARTICLES AND PAPERS

#### Articles Published in National Journals

1. SAVAŞLI, E., ÖNDER, Ö., DAYIOĞLU, R., ÖZEN, D., ÖZDEMİR, S., KARADUMAN, Y., **ATEŞ Ö.**, ÖZSAYIN, M. A Calibration Study for Sensor-Based In-Season Nitrogen Management of Irrigated Winter Wheat , TURKISH JOURNAL OF AGRICULTURE - FOOD SCIENCE AND TECHNOLOGY,, 2020, 2148-127X, 8, 9, 1882-1891.
2. SAVAŞLI, E., ÖNDER, Ö., DAYIOĞLU, R., ÖZEN, D., KARADUMAN, Y ÖZDEMİR, S., ATEŞ Ö., ÖZSAYIN, M. A. Ekmeklik Buğdayda Optik Sensör ile Azotlu Gübre Tavsiyesi, 2021, 31(2) 453 - 465, doi.org/10.29133/yyutbd.726039



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### ▪ **National Papers, Seminars, etc.**

1. Yalçın, G., Yavuz, R., Taşpınar, K., **Ateş, Ö.**, Yılmaz, M., Effects of Sludge application on Yield of Wheat and Potential Toxic Elements of Soil and Plants. National Solid Waste Management Congress, 27-29 May 2009 Eskişehir.
2. Yalçın, G., Yavuz, R., Taşpınar, K., **Ateş, Ö.**, Yılmaz, M., Solid Waste Assessment in the Field of Agriculture. TÜRKAY 2009 Solid Waste Management Symposium in Turkey, 15-17 June, 2009 İstanbul.
3. Yalçın, G., Yavuz, R., Taşpınar, K., **Ateş, Ö.**, Yılmaz, M., "Use of Sewage Sludge in Agriculture "Seminar On The Urban WasteWaterTreatment Directive – Legislations&Implementations"TAIEX, ESKİŞEHİR Provincial Directorate of Environment and Forestry Seminar, 06-07 May 2009 Eskişehir.
4. Yalçın G.,Yavuz R., Yılmaz M., Taşpınar K., **Ateş Ö.**, 2010. Evaluation of Solid Waste Zinc Source in Agricultural Areas 1. National Land and Water Resources Congress. 1-4 June 2010, Eskişehir.
5. Taşpınar K., Polat H., **Ateş Ö.**, 2010. Effect on the germination and root growth phosphorus, I.National Soil and Water Sources Congress, 1-4 June 2010, Eskişehir.

### ▪ **OTHER PUBLICATIONS**

- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

