



**TAGEM**  
AR-GE & İNOVASYON



## AYSE TORRES AGAMA

Agricultural Engineer / Researcher

### EDUCATION

- MSc** 2021-2022 University of Reading-  
Agriculture, Ecology and Environment
- Bachelor's Degree** 2013-2017 Ankara University  
Faculty of Agriculture
- Language** English/ IELTS 7,0

### CAREER

- 2023- present** Researcher, Field Crops Central Research  
Institute- Ankara
- 2022** BigSis, Laboratory Assistant-  
Reading/ England
- 2018-2020** Akdeniz University, Research Assistant-  
Antalya

### ABOUT ME

Passionate researcher in plant pathology, ecology, entomology, and machine learning. Currently contributing to the Pest and Diseases Resistance Unit at the Field Crops Central Research Institute in Ankara. Holds a Master's in Agriculture, Ecology, and Environment from the University of Reading, with awards for outstanding achievements. Committed to unraveling the dynamics of plant pathogen populations, I integrate empirical datasets with machine learning to glean insights. My goal is to advance agricultural sciences sustainably by understanding ecological, epidemiological, and evolutionary factors influencing plant pathogens.

### CONTACT



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## PROJECTS

1. Smart control of crop diseases: how can we best combine fungicides and plant resistance genes? 2021-2022.

## PUBLICATIONS

1. Turgay, E. B., Ertas Öz, M., Bülbül, S., Veli, Ayşe. Pas hastalıkları neden bu kadar tehlikeli, Harman Time, 2023
2. Master Thesis Research Project: Identification of yellow rust resistance QTL in the NIAB Elite MAGIC population, University of Reading, 2022
3. A. Veli (2017). "Identifications of putative coleopterics in leptinotarsa decemlineata (Coleoptera: Chrysomelidae)", Oral presentation, 6. Entomopathogens and Microbial Control Congress, Tokat
4. A. Veli, (2017). Think Organic Farming for a Healthy Life. Poster presentation. Student Congress, Faculty of Agriculture, Ankara University
5. A. Veli, (2017). Roles of Alg in Soil and Their Interaction with Soil. Poster presentation. Student Congress, Faculty of Agriculture, Ankara University
6. A. Veli (2016). "Why is Turkey's rice yield higher than Japan?", Oral presentation, Faculty of Agriculture, Niigata University, Japan
7. A. Veli, (2015). False Facts in Organic Agriculture. Poster presentation. Student Congress, Faculty of Agriculture, Ankara University



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### **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

1. Training Workshop in Cereal Rust Surveillance, Race Analysis, and Management of Wheat Rust Diseases in Central Asia and Caucasus, Regional Cereal Rust Research Center, 1-10 May 2023. Izmir/ Türkiye
2. Course on Genetic Map Construction, QTL Mapping and GWAS, Niğde Ömer Halisdemir Üniversitesi, 29 November –1 December, 2023. Nigde/Türkiye
3. English Language Course, Middle East Technical University, September 2020- April 2021 Ankara/ Türkiye
4. English Language Course, Akdeniz University, February 2020- June 2020. Antalya/ Türkiye
5. Exchange student, Faculty of Agriculture, Niigata University, July 2016- August 2016. Niigata/Japan
6. Exchange student, Faculty of Food and Agricultural Sciences, Fukushima University, July 2016- August 2016. Fukushima/Japan
7. Participant - 1st International Molecular Plant Protection Congress, Adana, 10-13 April 2019
8. Organizing Committee Member - Activity Coordinator, Faculty of Agriculture, Ankara University, September 2015 – June 2016. Ankara/ Türkiye
9. Organizing Committee Member - Children Science Center, Ankara University, September 2015 – June 2016. Ankara/ Türkiye
10. Organizing Committee Member - Business World Summit with Professionals, January 2015 – June 2015. Ankara/ Türkiye



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### **Scholarships, Achievements, Honors and Awards**

1. Achievement Award, Agriculture, Ecology and Environment, University of Reading, September 2022. Reading/United Kingdom
2. Best Dissertation Award, Agriculture, Ecology and Environment, University of Reading, September 2022. Reading/United Kingdom
3. Grantee, T.R. Ministry of National Education, YLSY, 2019 - Ankara
4. Top Student of the Department Prize, Department of Plant Protection, Ankara University, June 2017. Ankara/ Türkiye