



TAGEM
R&D AND INNOVATION

INTERNATIONAL AGRICULTURAL RESEARCH
AND TRAINING CENTER/ IZMIR

ŞUAYIP YÜZBAŞI, PhD Agricultural Engineer

EDUCATION

- PhD**
2013-2021 Ege University
Graduate School of Natural and Applied Science
 - MSc**
2009-2012 Ankara University
Graduate School of Natural and Applied Science
 - Bachelor's Degree**
2005-2009 Ankara University
Faculty of Agriculture
- LANGUAGE** English YDS 77,50

CAREER

- 2012- Ongoing Engineer, International Agricultural Research And Training Center/ IZMIR
- 2011-2012 Engineer, Tarım Kredi Plastik ve Sulama Sis. San. Tic. A.Ş - AKSARAY

ABOUT ME

He was born in 1986 in Bandırma. In 2009, he graduated from Ankara University, Faculty of Agriculture. He continued professional education on soil salinity and monitoring at University of Guelph School of Environmental Science for 6 months in 2017.

CONTACT

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Agricultural Engineer



▪ **PROJECTS**

▪ **Projects Conducted**

1. Determining the effects of deficit irrigation with different irrigation methods on yield, quality and water use efficiency on second crop soybean cultivation in Aegean Region (TUBITAK, Project Leader).
2. Main Project: Under Limited Water Conditions Created Water Saving Irrigation Program for Plant Irrigation. Sub Project: Determination of water consumption of alfalfa with irrigated subsurface drip irrigation (TAGEM, Project Leader).
3. Main Project: Under Limited Water Conditions Created Water Saving Irrigation Program for Plant Irrigation. Sub Project: Determination of Irrigation -Program of Tomato irrigated with Subsurface Drip Irrigation System (TAGEM, Researcher).
4. Main Project: Under Limited Water Conditions Created Water Saving Irrigation Program for Plant Irrigation. Sub Project: Efficiency of Subsurface Drip Irrigation Systems in Vineyards (TAGEM, Researcher).
5. The Determination of Treated Waste Water's Usability for Pepper and Lettuce Irrigate by Different Irrigation Methods (TAGEM, Researcher).
6. Investigation of Effects of Different Irrigation Schedules on Yield and Some Plant Growth Parameters of Second Crop Corn and Test of Ceres-Maize Crop Growth Simulation Model on Menemen Plain (TAGEM, Researcher).

▪ **Ongoing Projects**

1. Main Project: Development of Digital Irrigation Management System. Sub Project: Development of Digital Irrigation Management System for Wheat in Aegean Region (TAGEM, Project Leader).
2. Main Project: Development of Digital Irrigation Management System. Sub Project: Development of Digital Irrigation Management System for Maize in Aegean Region (TAGEM, Researcher).
3. Determination of Water Quality of Eşen Stream in the Western Mediterranean Basin and its Evaluation in terms of Agricultural Irrigation (TAGEM, Researcher).
4. The Collection, Evaluation and Selection of Rhizobium Strains of Aegean Region (TAGEM, Researcher).
5. Determining Sedimentation and Flow Performances of Different Drain-Envelope Material Combinations Under Laboratory Conditions (TAGEM, Researcher).



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

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

1. Tarı Akap, P., Aras, S., Yüzbaşı, Ş. 2014. The Investigation of Pathogenic Situation of Soil Irrigated by Trated Wastewater. 9th International Soil Congress on the Soul of Soil and Civilization. 14- 16 October 2014, Side, Antalya.
2. Özyayın, K., +, Yüzbaşı, Ş., +. 2014.Database Design for Evapotranspiration Studies. II. Drought and Desertification Symposium with International Participation. 16-18 September, 2014, Konya
3. Şen, S., Gündüz, M., Yüzbaşı, Ş., 2018, The Effects of Different Irrigation Application with Subsurface Drip Irrigation on Maize Yield. 5 th International Dam Safety Symposium, 27 September- 01 November, 2018. 12-14 November 2019, İstanbul.
4. Tarı Akap, P., Gündüz, M., Aras, S., Yüzbaşı, Ş., Aşık, Ş., 2019. Evaluating Discharge Water of Menemen Biological Wastewater Treatment Plant in Terms of Quality Criteria, 6 th Congress on Soil & Water Resources with International Participation, 12-14 November 2019, İzmir.
5. Şen, S., Gündüz, M., Yüzbaşı, Ş., 2019, The Effects of Different Irrigation Application with Subsurface Drip Irrigation on Cotton Yield. 6 th Congress on Soil & Water Resources with International Participation. 12-14 November 2019, İzmir.
6. Aras ,S., Yüzbaşı, Ş., Özçelik, Ş., Candan, N., Alkan, Ü., Gündüz, M., Tarı Akap, P., Şen, F., 2019 Effect of Different Irrigation Levels Effect Applied By Subsurface Drip Irrigation on Vitamin C Content of Tomato, 6 th Congress on Soil & Water Resources with International Participation, 12-14 November 2019, İzmir.
7. Özçelik, Ş., Aras, S., Yüzbaşı Ş., Akkuzu, E., Mengü, G. P., 2019. The Effects of Different Irrigation Treatments on Clorophile Content and Leaf Area Index of Second Crop Maize, 6 th Congress on Soil & Water Resources with International Participation, 12-14 November 2019, İzmir.
8. Aras, S., Yüzbaşı, Ş., Özçelik Ş., Candan, N., Alkan, Ü., Gündüz, M., Tarı Akap, P., Şen, F., 2019 Effect of Different Subsurface Drip Irrigation Applications on Some Quality Parameters of Tomato. International Conference on Food And Agricultural Economics, 25-26 April, 2019 Antalya.
9. Yüzbaşı, Ş., Aras, S., Şen, S., Özçelik, Ş., Alkan, Ü., Gündüz M., 2019 Effects Of Different Subsurface Drip Irrigation Applications On Yield And Quality Parameters Of Alfalfa, International Conference on Food And Agricultural Economics, 25-26 April, 2019 Antalya
10. Gunduz, M., Tarı Akap, P. Korkmaz, N., Özçelik, Ş., Yüzbaşı, Ş. 2021. Farklı Kaynaklardan Alınan Sular İle Yapılan Sulamanın Toprakların Kimyasal Özelliklerine Etkisi. III. Balkan Agriculture Congress. 29 August-1 September 2021. Edirne.



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▪ **OTHER PUBLICATIONS**

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

1. Structural And Functional Properties Of Broiler Houses In Bandırma Province (MSc Thesis).
2. A study on the effects of different irrigation practices on the second crop soybean yield under current and future climatic conditions PhD (Dissertation)



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

1. Soil salinity and monitoring, Canada, 31/12/2017-30/06/2018 (Training)