



TAGEM
R&D AND INNOVATION

SOIL, FERTILIZER AND WATER RESOURCES
CENTRAL RESEARCH INSTITUTE / ANKARA



Atilla POLAT
Agricultural Engineer

EDUCATION

- PhD**
2019- Ankara University
Soil Science and Plant Nutrition
 - MSc**
2017-2018 South Dakota Stata University
Soil Science and Plant Nutrition
 - Bachelor's Degree**
2008-2012 Ankara University
Soil Science and Plant Nutrition
- LANGUAGE** English


CAREER

- 2019-** Agriculture engineer ,Fertilizer and Water Resources Central Research Institute


ABOUT ME

I was born in 1988 in Ankara. In 2012, he graduated from Gaziosmanpasa University, Faculty of Agriculture. I continued my master degree in USA, South Dakota State University. Also, I am doing my PhD in Ankara University now.

CONTACT

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Atila POLAT

Agricultural Engineer



▪ **PROJECTS**

- Determination of Some Greenhouse Gas Emissions in Different Deployment and Cycle Systems in Central Anatolia Conditions.
- Determination and Monitoring of Agricultural Drought Sensitivity in Wheat Parcels of Ankara Province and Management Policies Resistant to Drought.
- The effect of aggregation dynamics on carbon sequestration and erosion sensitivity in pasture and agricultural soils.
- Sustainable Land Management in Arid and Semi-Arid Areas: Determining the Impact of Climate and Land Use / Cover Change on Land Degradation.
- Investigation of Detection Possibilities of RUSLE Cover Management Factor (C) in Agricultural Areas with Drone.
- Study on Community Structure of Arbuscular Mycorrhizal Fungi in Plain Saline Soils of Turkey and Possibility of In Vitro Mass Propagation of Native Dominant Fungal Species for Bio-Fertilizer Production



Atila POLAT

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▪ **PUBLICATIONS**

- **POLAT, Atila**, et al. "On-Farm Assessment of Soil Quality in Low and High Grazing Under Integrated Crop-Livestock System in South Dakota." *Journal of Agricultural Sciences* 26.4: 434-441.
- Maiga, A., Alhameid, A., Singh, S., **Polat, A.**, Singh, J., Kumar, S., & Osborne, S. (2019). Responses of soil organic carbon, aggregate stability, carbon and nitrogen fractions to 15 and 24 years of no-till diversified crop rotations. *Soil Research*, 57(2), 149-157.
- **A Polat**, J. Singh, S. Osborne, and S. Kumar. 2018 Impact of Integrated Crop-Livestock System on Soil Quality Parameters in South Dakota. ASA-CSSA-SSSA. International Annual Meeting, January 6-9, 2019., At San Diego, CA