



TAGEM
R&D AND INNOVATION

SOIL, FERTILIZER AND WATER RESOURCES
CENTRAL RESEARCH INSTITUTE / ANKARA

Muhammed Halil KOPARAN, MSc. Agricultural Engineer

EDUCATION

- PhD** 2020- Ankara University
Soil Science and Plant Nutrition Department
 - MSc** 2017-2019 South Dakota State University
Department of Agronomy,
Horticulture and Plant Science
 - Bachelor's Degree** 2010-2014 Akdeniz University
Soil Science and Plant Nutrition
- LANGUAGE** English / YDS 75

CAREER

- 2019 - Present Researcher, SOIL, FERTILIZER AND
WATER RESOURCES CENTRAL RESEARCH INSTITUTE

ABOUT ME


I was born in 1992 in Antalya. In 2014, he graduated from Akdeniz University, Faculty of Agriculture. He continued his professional education with master's degree Remote Sensing of Soil Science at South Dakota University in USA between 2017 and 2019.

In 2019, he started to work at Soil Fertilizer and Water Resources Central Research Institute, where he still works as a research engineer.

CONTACT

Üniversiteler Mah. Dumlupınar Bulv.
Eskişehir Yolu 10. Km Çankaya / Ankara
06800 TÜRKİYE

 muhammedhalilkoparan@tarimorman.gov.tr

 0312 315 65 60



Muhammed Halil KOPARAN, MSc.

Agricultural Engineer



▪ **PROJECTS**

▪ **Ongoing Projects**

1. Turkey Project Coordinator, EJP-SOIL, "Stimulating novel Technologies from Earth Remote Observation to Predict European Soil carbon (STEROPES)"
2. Assistant Researcher, Soil organic carbon sequestration potential of agricultural soils in Europe".
3. Assistant Researcher, Determination of Some Greenhouse Gas Emissions in Different Deployment and Cycle Systems in Central Anatolia Conditions
4. Assistant Researcher, The Determination of Phosphorus Pollution transported by Sediment with SWAT Model in Asartepe Dam Basin

▪ **PUBLICATIONS**

▪ **Articles Published in International Journals**

1. **Muhammed Koparan**^{ab}, K.Sood^c, H. M. Reabdarkolae^d, S.M. Westhoff^a, C.L. Reese^a and D.D. Malo^a
Estimating Soil Organic Carbon Levels in Cultivated Soils Using Landsat 8 and PlanetScope Imagery 2021 (IJRS, Under review, First revision completed)

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

1. Estimating Soil Organic Carbon Levels in Cultivated Areas (Master Degree Seminar, South Dakota State University, Department of Agronomy, Horticulture & Plant Science - 2019)

▪ **OTHER PUBLICATIONS**

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

1. Estimating Soil Organic Carbon In Cultivated Soils Using Soil Test Data, Remote Sensing Imagery from Satellites (Landsat 8 And Planetscope Imagery), And Web Soil Survey Data (Master Degree Thesis, South Dakota State University, Department of Agronomy, Horticulture & Plant Science - 2019)

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

1. Agricultural Drones: Principles and Applications, ASA, CSSA, & SSSA International Unnual Meeting, 22 Oct.2017, Tampa, FL, USA
2. SDSHC (Soil Health Coalition) Soil Health Conference & Annual Meeting (Participant) – 2019 Brookings/SD, USA