



**TAGEM**  
R&D AND INNOVATION

INTERNATIONAL AGRICULTURAL RESEARCH  
AND TRAINING CENTER/ İZMİR

## NEBİ YEŞİLEKİN, M.Sc. Agricultural Engineer

### EDUCATION

- MSc** 2016-2020 University of Florida  
Agricultural and Biological Engineering
  - Bachelor's Degree** 2008-2012 Ondokuz Mayıs University  
Ziraat Fakültesi
- LANGUAGE** English YÖKDİL 92.5 / YDS 88.75

### CAREER

- 2021-Now Agricultural Engineer, International Agricultural Research and Training Center – Menemen, İZMİR
- 2018-2021 Research Assistant, Agricultural and Biological Engineering Gainesville, Florida

### ABOUT ME


He was born in 1987 in Aydın. He graduated from Ondokuz Mayıs University Faculty of Agriculture in 2012. He continued his professional education on plant growth models at the Department of Agricultural and Biological Engineering at the University of Florida in the United States in 2016.

He worked on the "Decision Support System for Agrotechnology Transfer (Global Gridded Crop Modeling) Initiative" project, and worked on the DSSAT-Pythia, Gridded Crop Growth Model Programme.

### CONTACT

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# NEBİ YEŞİLEKİN, M.Sc.

## Agricultural Engineer



### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. Porttitor The GRASP: Global Reading and Assembly for Semantic, Probabilistic World Models, 2020
2. The AgMIP Adaptation Teams Start-Up – A CLARE Transition Activity, 2020
3. Decision Support System for Agrotechnology Transfer (DSSAT) Cropping System Model for the "Global Gridded Crop Modeling Initiative" in preparation for the Sixth Assessment Report (AR6) of the Intergovernmental Panel on Climate Change (IPCC), 2019

#### ▪ **Ongoing Projects**

### ▪ **PUBLICATIONS**

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

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

- Gurkan, Gurkan, H., Shelia, V., Bayraktar, N., Ersoy Yildirim, Y., Yesilekin, N., Gunduz, A., . . . Hoogenboom, G. (2021). Estimating the potential impact of climate change on sunflower yield in the Konya province of Turkey. The Journal of Agricultural Science, 1-13. doi:10.1017/S0021859621000101

### ▪ **OTHER PUBLICATIONS**

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

1. Maize yield assessment using gridded simulation model framework DSSAT-Pythia in Ethiopia – Yüksek Lisans Tezi, 5/2020



## NEBİ YEŞİLEKİN, M.Sc. Agricultural Engineer



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

1. Advanced Soil Health Training, Cornell University, Online, 12/2021
2. How to Write a Manuscript: Expert Advice on Getting Published, Frontiers in Agronomy, Online, 11/2021
3. The Future of Agriculture: AgMIP, Climate Impacts, Combined Mitigation and Adaptation, and Related Research, Online, 12/2021
4. DSSAT (Decision Support System for Agrotechnology Transfer) International Training Program 5/2019
5. Workshop on “Assessing Crop Production, Water and Nutrient Management, Climatic Risk and Environmental Sustainability with Simulation Models”, May 20-25 University of Georgia, Griffin, Georgia USA

6. ArcGIS Certificates, 3/2017

Getting Started with GIS Certificate, Getting Started with the Geodatabase Certificate, Map Design Fundamentals Certificate, Referencing Data to Real-World Locations Using ArcGIS Certificate, The 15-Minute Map\_ Creating a Basic Map in ArcMap Certificate, Georeferencing Raster Data Using ArcGIS Certificate Editing in ArcGIS Desktop Certificate, Address Geocoding with ArcGIS Certificate, Building Models for GIS Analysis Using ArcGIS Certificate Organizing Raster Data Using ArcGIS Certificate

7. ESL (English as Second Language) courses at Kent State University 8/2014-9/2015, Kent State University, Kent, Ohio, USA
8. NetCAD Land Consolidation Project Certification, NetCAD Geographic Information Systems Certificate 5/2012