

CURRICULUM VITAE

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Scholastic Education:

Degree	Field	University	Year
BS.	Agricultural Structure and Irrigation	Ataturk University	2002
MSc.	Agricultural Structure and Irrigation	Selcuk University	2006
PhD.	Biosystem Engineering	Namik Kemal University	2013
MSc.	Chemistry	Nevsehir Haci Bektas Veli University	2017
MSc.	Remote Sensing and Geography Information Systems	Cukurova University	2018
MSc.	Occupational Safety	Cukurova University	2018

Research Fields:

Irrigation and Irrigation systems in Agriculture

Global Climate Change and Hydrology

Watershed Management

Water and Soil Resources Management

Heavy metals pollution in water and soil

Water Consumptions of Plant

Water Quality and modelling with GIS Mapping

The use of Remote Sensing and Geography Information Systems in Agriculture

Academical Duties:

Title	Place of Duty	Year
Res. Assist.	Namik Kemal University, Agricultural Faculty Department of Biosystem Engineering	2008-2013
Assoc. Prof. Dr.	Nevsehir Hacı Bektas Veli University Faculty of Engineering and Architecture Department of Biosystem Engineering	2014-

Some Papers and Projects

1-**Bağdatlı, M. C., Erdoğan, O., Eralp, Ö., 2016.** Spatial Analysis of Good Agricultural Practices With Geography Information System in Aydın Province of Turkey, Fresenius Environmental Bulletin, V.25, p.2213-2219. (SCI)

2-**Erdoğan, O., Bağdatlı, M. C., Zeybek, A., 2016.** Spatial Analysis with GIS Mapping of Fungicide Consumption in Agricultural Areas, Fresenius Environmental Bulletin, V.25, p. 2676-2681. (SCI)

3-**Erdoğan, O., Bağdatlı, M. C., Gökdoğan, O., 2016.** Investigation of The Pesticide Consumptions by Regression Models in The Province of Aydın in Turkey, Fresenius Environmental Bulletin, V.25(11), p. 4795-4801. (SCI)

4-**Uçak, A. B., Gençoğlan, C., Bağdatlı, M. C., Turan, N., Arslan, H., İnal, B., 2016.** Determination of Water-Efficiency Relationships and Silage Quality Characteristics of the Maize Species for Silage (*Zea Mays L.*), The First Product Grown Under Semi-Arid Climate Conditions, Fresenius Environmental Bulletin, V.25, p.6053-6068, (SCI)

5-**Uçak, A. B., Bağdatlı, M. C., 2017.** Effects of Deficit Irrigation Treatments on Seed Yield, Oil Ratio and Water Use Efficiency of Sunflower (*Helianthus annuus L.*), Fresenius Environmental Bulletin, V.25(4), p.2983-2991, (SCI)

6-**Erdoğan, O., Bağdatlı, M. C., 2017.** The Effects of Arbuscular Mycorrhizal Fungi (AMF) and Deficit Irrigation Levels on Yield and Growth Parameters of the Silage Maize (*Zea mays L.*) Fresenius Environmental Bulletin, V.26 (4), p.2948-2955, (SCI)

7-**Oguz, H. I., Erdogan, O., Bağdatlı, M. C., 2017.** Effect of Different Applications on Rooting of Cuttings Some Almond Rootstocks (*Prunus Dulcis L.*) Fresenius Environmental Bulletin, Volume 26(4), p.2609-2614. (SCI)

8-**Albut, S., Bağdatlı, M. C., 2013.** Tekirdağ Province in the Marmara Coast Basin Characteristics and Risk Factors of Flood Determination and Geographic Information Systems (GIS) Creating the Database, Namik Kemal University, Scientific Research Project, Project Researcher

9- **Konukcu, F., Gezer, E., Bağdatlı, M. C., Balkan, A., Tamsa, H. K., 2013.** A New Approach to the Relationship between Soil Moisture Determination of Diffusion-permanent wilting point, Namik Kemal University, Scientific Research Project, Project Researcher

10-**Ozturk, B., Bağdatlı, M. C., 2012.** Determined Morphological Features of Corlu River Basin Using Geographical Information Systems (GIS), The Scientific and Technological Research Council of Turkey, Project Consultant

- 11-Delibas, L., Albut, S., Bagdatli, M. C., 2014.**Evaluation of Long-term Precipitation and Temperature Changes in Thrace Using Region Geographic Information Systems (GIS) As Drought,ScientificResearch Project,Project Researcher
- 12-Istanbulluoglu, A., Bagdatli, M. C., 2014.**Determination of Flood Hydrograph in Some Basin Areas Using Geographic Information Systems (GIS) in ThraceRegion,ScientificResearch Project, Project Researcher
- 13-Doran, I.,Adiloglu, A., Bagdatli, M. C.,Belliturk, K., Adiloglu, S., 2014.**Determination of Temporal Changes in Land Usewith Satellite Images in Bilecik Province, Bilecik Seyh Edebali University, ScientificResearch Project, Project Researcher
- 14-Ucak, A. B., Aydin, Y., Bagdatli, M. C., Turan, N., Mikail, N., 2015.** Determination of Quality Characteristics and Silage of The Corn Silage Under Deficit Irrigation Applications in Siirt Conditions, ScientificResearch Project, Project Researcher
- 15-Aydin, Y., Ucak, A. B., Bagdatli, M. C., Pakyurek, M., Mikail, N., Seven, M., 2014.**Irrigation Scheduling of The Zivzik Pomegranate (*Punica Granatum L.*) Growing in Siirt Province Under DeficitIrrigationConditions,ScientificResearch Project, Project Researcher
- 16-Albut, S.,Bagdatli, M. C.,Dumanli, O., 2015.** Determination of Change in Agriculture Area of Ergene River with Remote Sensing,Scientific Research Project, Project Researcher
- 17-Bağdatlı, M. C.,Ok, A. Ö., Ok, A. Ö., Albut, S., Erdoğan, O., Oğuz, H. İ.,2015.**Determination of Agricultural Crop Patterns From Different Satellite Images by Image Classification and A GIS Database: A Case Study of Sarıhıdır Village in Farmland of Regions at Right Band-Coast of Kızılırmak River, University of Nevsehir Hacı Bektas Veli, ScientificResearch Project, Project Coordinator
- 18-Bagdatli, M. C., B. Acar, 2009.** "Evaluation of Trickle Irrigation Systems for Some Vegetable Crops in Konya-Turkey" Journal of International Environmental Application & Science Vol. 4(1):79-85
- 19-Bagdatli, M. C.,Ozturk, B., 2013.**Determination of Morphological Features Basin Geographic Information Systems (GIS) Effective Role, Sakarya University. Journal of the Institute of Science and Technology, Vol: 18, pp: 11-19,
- 20-Istanbulluoglu A., Bagdatli, M. C., Aslan, C., 2013.** Evaluation and Trend Analysis of Long-Annual Precipitation Data Tekirdag Çorlu District Application, Tekirdag Agricultural Faculty Journal, No.2, Volume 10, pp.70-77, Tekirdag/Turkey
- 21-Candan, D. G., Albut, S., Bagdatli, M. C., 2014.** Making of Corlu River Basin Area Digital Elevation Model (DEM) With Geographic Information Systems (GIS) Integration The Journal of Tekirdag Agricultural Faculty, Volume 12(1), p.8-17, Tekirdag/Turkey
- 22-Istanbulluoglu, A.,Bagdatli, M. C., 2012.** Use and Management of Water Resources, Planning Report, Cerkezkoy Municipality, Tekirdag/Turkey
- 23-Bagdatli, M. C., 2013.** Water Resources and Future Projections in Thrace Region, Trakyakent Journal, V. 3, pp: 51-53, Tekirdag/Turkey
- 24-Bagdatli, M. C., 2013.** running out of Water Resources in Thrace region , Journal of Thrace Soil v.1, pp.46-47, Tekirdag/Turkey

25-Bagdatli, M. C., 2014. Satellite Technologies in Turkey, Journal of Coordinates, Issue. 8, p.52-53, Number of August, Indian,

26-Belliturk, K.,Bagdatli M. C.,Polat, S., Metinoglu, M., Bac, A.,Kanarya, G., Karabulut, O., 2013.Some of The Macro and Micro Elements of Irrigation Water Samples Environmental Pollution of The Specified Period of Two Different Viewing Change: The Case of Kırklareli Province, Journal of Anatolian Natural Sciences, XI. National Ecology and Environment Congress (1-4 October) p.4 Special Issue (2): 82-93.

27-Bagdatli, M. C., Istanbuluglu, A., Altürk, B., Arslan, C., 2014. Evaluation of Changes Trend in Long-Term Temperature as Agricultural Drought: Corlu Example, zce University of Science and Technology Journal, number: 2, pp.100-107, Düzce/Turkey

28-Bagdatli, M. C.,Albut, S., Alturk, B., 2013.Establishment of Flood Aided Database with Geographic Information Systems (GIS): Example of Tekirdag Province in Marmara Coast Basin of Turkey,TMMOB Coğrafi Bilgi Sistemleri Kongresi, Book of Abstracts, p.97, 11-13 November, Ankara/Turkey

29-Bagdatli, M. C., Gocmen, E., Istanbuluoglu, A., 2012.Determination of Some Methods Used in the Basin Flood Flow Forecast of Eventsi, II. National Irrigation and Agricultural Structures Symposium,Book of Abstracts, p.653, 24-25 May, Izmir/Turkey

30-Gocmen, E.,Bagdatli, M. C., Istanbuluoglu, A., 2012.Determination of Methods Used in the Calculation of Basin Water Efficiency Edirne Lower Basin Applications in Turkey II. National Irrigation and Agricultural Structures Symposium,Book of Abstracts, p.637, 24-25 May, Izmir/Turkey

31-Bagdatli, M. C.,Albut, S., 2012.Evaluation of GIS Use Efficiency in Flood Control Studies: The Sample of Tekirdag Monkey River Basin in Turkey, IV. Remote Sensing and Geographical Information Systems Symposium,Book of Abstracts, p.69, 16-19 september, Zonguldak/Turkey

32-Albut, S.,Bagdatli, M. C., 2012.Modeling Some Basin Characteristics in Geographic Information System (GIS): Application of Tekirdag Basin Gazioglu,II. National Irrigation and Agricultural Structures Symposium,Book of Abstracts, p.1157 ,24-25 May, Izmir / Turkey

33-Bagdatli, M. C., Altürk, B., Istanbuluoglu, A., 2012.Maximum Precipitation and Flood of Tekirdag Province and Importance The Sample of Kayi Basin, II. National Irrigation and Agricultural Structures Symposium, Book of Abstracts, p.645 ,24-25 May, Izmir / Turkey

34-Albut, S.,Bagdatli, M. C., Gocmen, E., Alturk, B., 2014 Investigation of Long annual maximum, minimum and average Temperature Changes: The Sample of Tekirdag Province in Turkey, XII. National Technical Symposium, Book of Abstracts, p.98, 21-23 May, Tekirdag / Turkey

35-Belliturk, K.,Bagdatli M. C.,Polat, S., Metinoglu, M., Bac, A.,Kanarya, G.,Karabulut, O., 2013. Irrigation Water Resources Found in Kırklareli Region Evaluation of Heavy Metals, Proceedings of the Second International Conference on Water, Energy and the Environment, paper 287, September 21-24, Kusadasi, Turkey,(Oral Presentation)

36-Ucak, A. B., Cil, A. N., Çil, N., Bagdatli, M. C., Oğuz, A., 2014.Sunflower Plants Cultivated in Different Time of the Crop Water Stress Index (CWS) is Determination,

International Mesopotamia Agriculture Congress, 22-25 September, Diyarbakir/Turkey (Oral Presentation)

37-Delibas, L., Bagdatli, M. C., Danisman, A., 2015. Determined Appropriate Area of Walnut Analyzing Properties of Some Soils Using Geographic Information Systems (GIS) :The Case of Central Village Tekirdag Province, University of Gumushane Journal of the Science Institute, p.5(1):50-59, Turkey

38-Bagdatli, M. C., Savci, S., Ucak, A. B., Gokdogan, O., 2015. Evaluation of Agricultural Drought with GIS in Some Irrigation Areas: The Sample of Nevsehir Province in Turkey, International Conference on Civil and Environmental Engineering (ICOCEE), p.1978-1986, 20-23 May, Cappadocia-Turkey, (Oral Presentation)

39-Ucak, A. B., Bagdatli, M. C., 2015. The Negative Effects of High Temperature and Low Moisture on Aftercrop Silage Maize, International Conference on Civil and Environmental Engineering (ICOCEE), p.1987-1992, 20-23 May, Cappadocia-Turkey, (Oral Presentation)

40-Gokdogan, O., Bagdatli, M. C., 2015. A New Process in Engineering Education of Turkey: Biosystem Engineering, 4th International Conference on Education, Petersburg/Rusia (Oral Presentation)

41-Belliturk, K., Görres, J.H., Turan, H.S., Göçmez, S., Bagdatli, M.C., Eker, M. and Aslan, S., 2015. Environmental Quality of Compost: Can Composting Earthworms (*Eisenia fetida*) Help Manage Compost Nutrient Ratios? International Conference on Civil and Environment Engineering (ICOCEE), p.159-162, 20-23 May, Cappadocia-Turkey, (Oral Presentation)

42-Ucak, A. B., Bagdatli, M. C., Degirmenci, H., 2015.The Effects of Deficit Irrigation Applications on Crop Water Stress Index and Grain Yields of Sunflower, 1st National Congress of Biosystems Engineering, 9-13 June, Bursa/Turkey

43-Oguz, H. I., Bagdatli, M. C., Erdogan, O., Karatepe, A., Karipcin, F., 2015.Determination of Arsenic Contamination in Irrigation Water Resources and Pumpkin: An application example in Nevsehir province, 1st National Congress of Biosystems Engineering, 9-13 June, Bursa/Turkey