


PERSONNEL INFORMATION	
Name Surname	Erdem BAHAR
Title	Yüksek Ziraat Mühendisi
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E-mail	erdem.bahar@tarim.gov.tr , erdemtys@gmail.com
Date of birth / Place	1980 - Çanakkale



EDUCATION INFORMATION	
PhD.	
Name of University	Çanakkale Onsekiz Mart University - ÇANAKKALE
Department / Years	Soil Science / 2008-2014
Name of Thesis	Drought Vulnerability Analysis of the Soils of Marmara Region's Thrace Part
M.Sc.	
Name of University	Çanakkale Onsekiz Mart University - ÇANAKKALE
Department / Years	Agricultural Structures and Irrigation / 2004-2008
Name of Thesis	Determination of the effect of different irrigation programs for tomato plant irrigated with drip irrigation system through using class-A pan under organic agriculture
BSc.	
Name of University	Trakya University - TEKİRDAĞ
Department / Years	Agricultural Structures and Irrigation / 1998 - 2002
Other Training Program	
Name of University / Year	The Hebrew University of Jerusalem – ISRAEL / 2007
Name of the Course	Groundwater Exploration, Water Resource Exploitation and Conservation

PLACE OF ASSIGNMENTS (Date/ Position/ Institution)
2005 -2012/ Research Assistant / Çanakkale Onsekiz Mart University - Graduate School of Natural and Applied Sciences
2012 - Today/ Head of Agricultural Meteorology and Climate Change / Atatürk Soil Water and Agricultural Meteorology Research Institute/ KIRKLARELİ

LANGUAGE INFORMATION				
Language/Levels	ÜDS	YDS	TOEFL	IELT
English	72.5	70.0		

PROJECTS			
Year	Name of the Project	Supported by	Duty
2015<>2018	Determination and Monitoring of Meteorological and Agricultural Drought with Palmer Drought Severity Index in the Thrace part of Marmara Region and Determination of Drought Vulnerability	TAGEM	Project Manager
2015<>2017	Developing Probabilistic Chilling-Duration Maps in the Thrace Region	TAGEM	Project Manager
2011<>2013	Drought Vulnerability Analyses of the Soils of Marmara Region's Thrace Part	ÇOMÜ BAP	Assistant Researcher
2012<>2014	Determination and Mapping of Carbon Contents of the Soils in Marmara Region's Thrace Part	ÇOMÜ BAP	Assistant Researcher
2008<>2011	Corn root parameters, yield and water use efficiency response to different irrigation levels that was determined based on effective rooting depth with minirhizotron	TUBITAK	Assistant Researcher
2005<>2007	Evaluating Optimum Organic Irrigation Schemes According to Physiological Development Performances of Field Grown Tomatoes, Melon, Soybean and Peanut Crops on Gokceada Organic Farming Field	The State Planning Organization of Ministry of Development of the Republic of Turkey	Assistant Researcher

ARTICLES & PAPERS & PUBLICATIONS
<p>Bahar E., Özcan H., Türkeş M., 2014. Importance of Drought Vulnerability on Disaster Risk Management: the Case of Thrace. 2nd International Drought and Desertification Symposium, September 16 – 18, KONYA.</p> <p>Yıldırım M., Demirel K., Bahar E., 2014. The Effects of Water Constraint on the Yield, Evapotranspiration and some Morphological Characteristics of Pepper Plant. 12th National Culture Technique Symposium, May 21-23, TEKİRDAĞ.</p> <p>Yıldırım M., Bahar E., Demirel K., 2014. The Effects of Different Irrigation Levels on the Yield and Physical Properties of Lettuce Cultivars (<i>Lactuca Sativa</i> var. <i>campania</i>). 12th National Culture Technique Symposium, May 21-23, TEKİRDAĞ.</p> <p>Bahar E., Özcan H., Tatlı H., Türkeş M., 2014. Drought Vulnerability Analysis of Kırklareli Province's Soils. 12th National Culture Technique Symposium, May 21-23, TEKİRDAĞ.</p> <p>Demirel K., Genc L., Bahar E., Inalpulat M., Smith S., Kizil U., 2014. Yield Estimate Using Spectral Indices in Eggplant and Bell Pepper Grown under Deficit Irrigation. <i>Fresenius Environmental Bulletin</i>, 23 (5): 1232-1237.</p> <p>Yavuz M.Y., Çakir R., Kavdir Y., Deveciler M., Bahar E., 2012. Irrigation water management for sprinkler irrigated corn using rooting data obtained by the minirhizotron technique. <i>Int. J. Agric. Biol.</i>, 14: 11–19.</p> <p>Yıldırım M., Demirel K., Bahar E., 2012. Effect of Restricted Water Supply and Stress Development on Growth of Bell Pepper (<i>Capsicum Annuum</i> L.) Under Drought Conditions. <i>Agro Crop Sci. J.</i>, 3(1): 1-9</p> <p>Bahar E., Inalpulat M., Demirel K., Erken O., Kızıl Ü., Genç L., 2012. The Effect of Different Irrigation Water Levels on Yield, Leaf Area and Chlorophyll in Eggplants in Canakkale Region. 2nd National Irrigation and Agricultural Structures Symposium 24-25 May, Ege University, İzmir.</p> <p>Erken O., Genç L., Kızıl Ü., Inalpulat M., Bahar E., Demirel K., Çamoğlu G., 2012. Effects of Different Irrigation Applications on Cape Gooseberry and Use of Spectral Indices for Cape Gooseberry Yield Prediction. 2nd National Irrigation and Agricultural Structures Symposium</p>

24-25 May, Ege University, İzmir.

- Demirel K., Genç L., İnalpulat M., **Bahar E.**, 2012. Using of Chlorophyll Readings and Fruit Characteristics on Yield Estimation of Pepper Plants. 2nd National Irrigation and Agricultural Structures Symposium 24-25 May, Ege University, İzmir.
- Yıldırım M., Tekiner M., **Bahar E.**, Demirel K. ve Erken O., 2011. The Comparison of the Irrigation Programs; Applied in the Field Conditions and Obtained from the Package Program (IRSIS) for Pepper Irrigated by Drip Irrigation in Canakkale. Agricultural Symposium of Çanakkale: Past, Today, Future, 10-11 January, Çanakkale, p: 308 - 314.
- Yavuz M.Y., Çakır R., Kavdır Y., **Bahar E.** ve Devciler M., 2011. The effects of corn root growth which irrigated with single line source irrigation on evapotranspiration. Agricultural Symposium of Çanakkale: Past, Today, Future, 10-11 January, Çanakkale, p: 168-182.
- Durukan S., Yavuz M.Y., **Bahar E.**, Devciler M., 2011. Land Consolidation Applications of Canakkale Region and Kumkale Plain Land Consolidation Project. Agricultural Symposium of Çanakkale: Past, Today, Future, 10-11 January, Çanakkale, p: 423 - 433.
- Bahar E.**, Yetiş M.Y., 2011. The Effects of Different Irrigation Levels on the Yield of Tomatoes Grown Under Organic Agriculture. Agricultural Symposium of Çanakkale: Past, Today, Future, 10-11 January, Çanakkale, p: 538 - 545.
- Çankaya R., Yavuz M.Y., **Bahar E.**, Devciler M., 2011. The Effect Of Onsekiz Mart Can Thermal Power Plant's Fly Ash on Permeability and Strength Properties of Concrete Used in Agricultural Irrigation Systems. Agricultural Symposium of Çanakkale: Past, Today, Future, 10-11 January, Çanakkale, p: 412 - 422.
- Yavuz M.Y., Demirel K., Erken O., **Bahar E.**, Devciler M., 2010. Emitter clogging and effects on drip irrigation systems performances. *African Journal of Agricultural Research*, Vol. 5 (7), pp. 532-538
- Bahar E.**, Yavuz M. Y., Yıldırım M., Demirel K., Erken O., Devciler M., 2010. The Effects of Different Irrigation Levels on the Yield of Soybean Grown under Organic Agriculture in Gokceada. 1st National Irrigation and Agricultural Structures Symposium, 27 – 29 May 2010, Kahramanmaraş, p: 942-951
- Demirel K., Yavuz M.Y., Yıldırım M., Erken O., **Bahar E.**, Devciler M., 2010. The Effects of Different Irrigation Programs on Yield for Melon Grown under Organic Farming. 1st National Irrigation and Agricultural Structures Symposium, 27 – 29 May 2010, Kahramanmaraş, p: 935 – 941
- Erken O., Yıldırım M., Yavuz M. Y., **Bahar E.**, Demirel K., 2010. Optimum Irrigation Program for Peanut Grown under Organic Farming in Gokceada. 1st National Irrigation and Agricultural Structures Symposium, 27 – 29 May 2010, Kahramanmaraş, p: 952 – 958
- Yıldırım M., Tekiner M., **Bahar E.**, K. Demirel, O. Erken., 2010. The Comparison of the Irrigation Programs; Applied in the Field Conditions and Obtained from the Package Program (IRSIS). 1st National Irrigation and Agricultural Structures Symposium, 27 – 29 May 2010, Kahramanmaraş, p: 790 - 798
- Yavuz M.Y., Çakır R., Kavdır Y., **Bahar E.**, Devciler M., 2010. The Effect of Different Water Supply Levels Applied Using Line Source Irrigation Technique on Root Distribution Pattern and Yield of Corn. 1st National Irrigation and Agricultural Structures Symposium, 27 – 29 May 2010, Kahramanmaraş, p: 913 – 924.
- Yavuz M.Y., Çakır R., Kavdır Y., **Bahar E.**, Devciler M., 2009. Possibilities of using Minirhizotron root images in irrigation applications. 1st National Drought and Desertification Symposium, 16-18 June 2009, Konya, p: 416-423
- Yıldırım M., Şener S., Yavuz M.Y., **Bahar E.**, 2007. Researches on Irrigation Water Resources Contaminated by Agricultural, Urban and Industrial Wastes in Turkey. 3th National Water Engineering Symposium, 10-14 September 2007, Gümüşhane, İzmir, p: 271-280.
- Yavuz M.Y., Yıldırım M., Gazi G., Demirel K., **Bahar E.**, 2006. Results of Transferring of Irrigation Systems Management in Turkey. International Symposium on Water and Land Management for Sustainable Irrigated Agriculture. Çukurova University, April 4-8, 2006.
- Şener S., Yıldırım M., **Bahar E.**, Demirel K., Erken O., 2006. A research on Kazdağları (İda) water resources and water quality of Biga-Kocabas River. Kazdağları 2nd Ulusal Sempozyumu, 22-25 June 2006, p: 341-349