


PERSONAL INFORMATIONS		
Name Surname	Cengiz ERDURMUŞ	
Title	Assoc. Prof.	
Phone	0 242 321 67 96 / 116	
E-mail	cengiz.erdurmus@tarimorman.gov.tr	
Birth place-date	Kiraz-İZMİR / 04.03.1974	

EDUCATION INFORMATION	
Assoc. Prof.	
Head of Inter-University Council Agriculture, Forestry and Aquaculture/Field Crops Cultivation and Breeding / 2020	
Doctoral Degree	
Name of University	Akdeniz University
Academic Unit/Date	Fields Crops / 2014
Master's Degree	
Name of University	Akdeniz University
Academic Unit/Date	Fields Crops / 2006
Bachelor's Degree	
Name of University	Adnan Menderes University
Academic Unit/Date	Animal Science / 1997

FOREIGN LANGUAGE				
Foreign Language / Degree	YDS (KPDS)	ÜDS	TOEFL	IELTS
English		63.75		

JOB LOCATIONS		
Date	Title	Institution
1990-1991	Veterinary Health Technician	Provincial Directorate of Agriculture Şanlıurfa
1991-1992	Veterinary Health Technician	District Agriculture Directorate Harran/Şanlıurfa
1992-1993	Veterinary Health Technician	Provincial Directorate of Agriculture Şanlıurfa
1993-1994	Veterinary Health Technician	District Agriculture Directorate Ahmetli/Manisa
1994-1997	Veterinary Health Technician	District Agriculture Directorate Koçarlı/Aydın
1997-2002	Agricultural Engineer	Poultry Research Institute Ankara- Turkey
2002-2004	Agricultural Engineer	Akdeniz Agricultural / Antalya-Turkey
2004-2006	Agricultural Engineer	Bati Akdeniz Agricultural Research Institute/ Antalya-Turkey
2006-2014	MSc	Bati Akdeniz Agricultural Research Institute/ Antalya-Turkey
2014-2020	PhD	Bati Akdeniz Agricultural Research Institute/ Antalya-Turkey
2020-	Assoc. Prof.	Bati Akdeniz Agricultural Research Institute/ Antalya-Turkey

PROJECTS

- 1) Possibility of entering crop rotation system of certain annual legume and grass forage plants in Antalya. (2002 – 2003, TAGEM, Researcher)
- 2) Determination of suitable forage plants to use for artificial range area in the province Antalya. (2002 – 2005, TAGEM, Researcher)
- 3) Determination of suitable vetch (*Vicia sativa* L.) lines and cultivars for Antalya region. (2002 – 2005, TAGEM, Researcher)
- 4) The determination of the most suitable planting time for silage production and quality in six sorghum varieties in the coastal mediterranean region(2003 – 2006, TAGEM, Researcher)
- 5) Collection of Some Forage Legume Plant Species in Flora of Antalya and Determination of Their Cultivating Possibilities(2008 – 2012, TAGEM, Researcher)
- 6). The Study on Determination of Vegetal and Agricultural Characteristics of some bitter vetch (*Vicia ervilia* (L.) Willd) Lines in Antalya Region(2004 – 2006 Akdeniz University Scientific Research Fund Project leader)
- 7) Morphological and Molecular Characterization of Button Medic (*Medicago orbicularis* L.) Collected from Antalya Natural Flora 2009 – 2011 Akdeniz University Scientific Research Fund Project leader)
- 8) Determination of Silage Quality of Some Forage Crop Mixtures 2012 – 2014 Akdeniz University Scientific Research Fund Researcher)
- 9) Forage Plant Breeding in West Mediterranean Region:Common Vetch (*Vicia sativa* L.) Breeding(2012-2016, TAGEM, Researcher)
- 10) Selection in sorghum for high sugar content, biomass and bioethanol (2013-2016, TUBITAK 1003, Project leader)
- 11) Determination of the presence pasture and pasture condition Project (2013-2017, TAGEM-BÜGEM, Researcher)
- 12) Forage Plant Breeding in West Mediterranean Region:Grass pea (*Lathyrus sativus* L.) Breeding(2015-2019, TAGEM, Researcher)
- 13) Irrigation Scheduling of Surface and Subsurface Drip Irrigated Sorghum Plant (2017 – 2019 TUBITAK Researcher)
- 14) QTL mapping and line breeding for high sugar content, plant stalk juice and plant height characters related to bioenergy in sweet sorghum (2018 – 2021 TUBITAK Researcher)
- 15) Sorghum (*Sorghum bicolor* L.) Breeding Studies (2020-2024, TAGEM, Researcher)

PAPERS

Papers of pressed international journal (refereed)

- 1) Açıkgöz, E., Sincik, M., Wietgreffe, G., Sürmen, M., Çeçen, S., Yavuz, T., **ERDURMUS,**

C.,Göksoy,A.T. (2013) Dry matter accumulation and forage quality characteristics of different soybean genotypes. TUBİTAK. Turkish Journal of Agriculture and Forestry. (2013).37:22-32.

2) Arslan, M., **ERDURMUS, C.**, Cakmakci, S. (2013) Effects of NaCl Concentrations on Germination and early Seedling Growth of Silage Sorghum (*Sorghum bicolor* (L.) Moench) Varieties on Different Textured Soils. Journal of Food, Agriculture & Environment Vol.11 (2): 474-476. 2013. Helsinki, Finland.

3) **ERDURMUS, C.**, Çakmakçı, S. (2018) Morphological Characterization of Button Medic (*Medicago orbicularis* L.) collected from Natural Flora of Antalya Province. Fresenius Environmental Bulletin. Volume 27 No. 3/2018 pages 1593 – 1603.

4) Oten, M., Kiremitci, S., **ERDURMUS, C.** (2018) Unveil of superior landraces of common vetch (*Vicia sativa* L.) for yield and yield components to overcome bottleneck. Fresenius Environmental Bulletin. Volume 27 No. 9/2018 pages 6324 - 6329.

5) **ERDURMUS, C.** (2018) Determination of performances sweet sorghum genotypes and variations on a mediterranean coastal zone. Fresenius Environmental Bulletin. Volume 27 No. 11/2018 pages 7846-7852.

6) **ERDURMUS, C.**, Yucel, C., Cinar, O., Bayir Yegin, A., Oten, M., 2018. Bioethanol and Sugar Yields of Sweet Sorghum. The International Journal of Engineering and Science, 2018, 2319-1813, 7, 11, 21-26.

7) Öten, M., **ERDURMUŞ, C.**, Kiremitçi, S., Yücel, C. 2019. Influence of locations under same climatic zone on some common vetch lines (*Vicia sativa* L.), Legume Research An International Journal, 2019, 0976-0571, 42, 5, 671-675.

8) Güden, B., Yol, E., İkten, C., **ERDURMUŞ C.**, Uzun, B. 2019. Molecular and Morphological Evidence for Resistance to Sugarcane Aphid (*Melanaphis sacchari*) in Sweet Sorghum [*Sorghum bicolor* (L.) Moench], 3 BIOTECH, 2019, 2190-572X, 9, 6, 1-7.

9) Öten, M., **ERDURMUS, C.**, Kiremitci, S., Soysal, M., Avci, M., Yucel, C., Inal, I., Kabas, O., Surmen, M. 2020. A Multivariate Analysis in Relation to Edaphic and Environmental Factors of Rangelands Vegetation of Mugla Province .Journal of Agriculture Sciences-Tarım Bilimleri Dergisi. (2020).Cilt 26, Sayı 3, Sayfa 254 – 262.

10) Aydinsakir, K., Buyuktas, D., Dinc, N., **ERDURMUS, C.**, Bayram, E., Bayir Yegin, A. 2021. Yield and bioethanol productivity of sorghum under surface and subsurface drip irrigation. Agricultural Water Management 243 (2021):106452.

11) Guden, B., **ERDURMUS, C.**, Erdal, S., UZUN,B. 2021. Evaluation of sweet sorghum genotypes for bioethanol yield and related traits,. *Biofuels, Bioproducts and Biorefining*, 15(2), 545-562.

12) Aydinsakir, K., **ERDURMUS, C.** 2021.Influence of Different Drip Irrigation Methods and Irrigation Levels on Sweet Sorghum. Fresenius Environmental Bulletin. Volume 30 No. 02/2021 pages 1465-1475.

Papers of pressed national journal (refereed)

1) Çeçen,S.,**ERDURMUŞ,C.**,Öten,M. 2005. Evaluation of some annual forage legumes as second crop in the coastal region of west mediterranean belt of Turkey. Scientific Journal of Akdeniz Universty Faculty of agriculture ,18-(331-336), Antalya.

- 2) Çeçen,S.,**ERDURMUŞ,C.**,Öten,M. 2005. Assesment of sorghum (*Sorghum bicolor* L.) Sudangrass (*Sorghum sudanense* staph.) and corn (*Zea mays* L.) as second crop in the coastal region of west mediterranean belt of Turkey. Scientific Journal of Akdeniz Universty Faculty of agriculture ,18-(337-341), Antalya
- 3) **ERDURMUŞ, C.**, Çakmakçı, S. (2009) The Study on Determination of Vegetal and Agricultural Characteristics of Some Bitter vetch (*Vicia ervilia* (L.) Willd) Lines under Antalya Conditions. Scientific Journal of Akdeniz Universty Faculty of agriculture (2009) 22(1). 113-119. Antalya.
- 4) **ERDURMUŞ, C.**, Çeçen, S., Yücel, C. 2010. Determining of yield and yield components of some common vetch (*Vicia sativa*) Cultivars and Lines in Antalya conditions. Scientific Journal of Akdeniz Universty Faculty of agriculture ,23(1)-(53-60). Antalya.
- 5) Arslan, M., **ERDURMUŞ, C.** (2012) An Overview of Country Livestock and Roughage Problem. Journal of Agricultural Engineering 359: 32 -37.
- 6) Arslan, M., Çetin, S., **ERDURMUŞ, C.** (2012) Negative Effects of Salt Stress on Plant Development and Salinity Tolerances of Some Feed Crops. Journal of Agricultural Engineering, 360:32 -39.
- 7) Aydınşakir, K., **ERDURMUŞ, C.**, Büyüктаş, D., Çakmakçı, S. (2012) The Effect of Salt (NaCl) Stress on Germination and Early Seedling Growth of Some Silage Sorghum (*Sorghum bicolor*) Varieties.. Scientific Journal of Akdeniz Universty Faculty of agriculture (2012) 25(1): 47- 52.Antalya.
- 8) Çeçen,S., Öten,M., **ERDURMUŞ,C** .2015. Collection and determination of morphological traits of sainfoin (*Onobrychis sativa* L.) species from Antalya Natural Flora. Derim. :32-1 (63-70).
- 9) Arslan, M., **ERDURMUŞ, C.**, Öten, M., Aydınoğlu, B., Çakmakçı, S. (2016) The Crude Nutrient Contents and Quality Characteristics of Maize (*Zea mays* L.) Silages Mixed with Lesser Burnet (*Sanguisorba minor* Scop) at Different Rate. Turkish Journal of Agricultural and Natural Sciences, 3(1): 97 – 103.
- 10) Oten, M., Kiremitci, S., **ERDURMUŞ, C.** (2016) Collection and determination of morphological characteristics of alfalfa (*Medicago* sp.) Species in Antalya natural flora.. Journal of Field Crops Central Research Institute, 25(2): 195-199.
- 11) Arslan, M., **ERDURMUŞ, C.**, Öten, M., Aydınoğlu, B., Çakmakçı, S. (2016) Determination of Nutritive Value of Maize Silages Ensiled With Soybean at Different Rate Anadolu Journal of Agricultural Sciences, 31(3): 97 – 103.
- 12) Öten,M., Kiremitci, S., **ERDURMUŞ., C.**, Soysal, M., Kabaş, Ö., Avcı, M. 2016. Determination of the Botanical Composition of Some Rangeland in Antalya Province. Atatürk Univ. J.of the Agricultural Faculty. 47(1) :23-30.
- 13) Oten, M., Kiremitci, S., **ERDURMUŞ, C.** (2017) The Determination of Yield Characteristics of Some Grass pea (*Lathyrus sativus* L.) Lines Collected from Antalya Natural Flora. Journal of Agriculture Faculty of Ege Universty 54 (1):17-26.
- 14) Arslan, M., **ERDURMUŞ, C.**, Öten, M., Aydınoğlu, B., Çakmakçı, S. (2017) Quality Characteristics of Sorghum and some Plants Silages Mixed at Different Rates. Journal of

Tekirdag Agricultural Faculty. 14(02): 34-41. Tekirdağ.

15) Arslan, M., **ERDURMUŞ, C.**, Öten, M., Aydınöđlu, B., Çakmakçı, S. (2017) Determination of Nutritive Value of Maize (*Zea mays* L.) Silages Ensiled with *Leucaena leucocephala* L. Scientific Journal of Ege Universty Faculty of agriculture. 54(1): 101-106. İzmir.

16) Oten, M., Kiremitci, S., **ERDURMUŞ, C.** (2017) Determination of characters associated with seed yield and hay yield by path and correlation analysis in grass pea (*Lathyrus sativus* L.) Derim. 34(1):72-78.

17) **ERDURMUŞ, C.** 2018. Molecular characterization of button medic (*Medicago orbicularis* L.) Collected from Antalya Natural Flora, Derim, 2018, 1300- 3496, 35, 2, 186-193.

18) **ERDURMUŞ, C.**, Öten, M., Kiremitçi, S. 2018. Morphological traits of some vetch (*Vicia* sp.) species collected from natural flora. Mediterranean agricultural sciences. 31(3): 289-294.

19) Öten, M., Çeçen, S., **ERDURMUŞ, C.** (2019). Collecting and Morphological Characterization of Some Clover Species (*Trifolium* sp.) in Antalya Natural Flora. Turkish journal of agricultural and natural sciences. 6(2) 190–195

Papers of presented international symposium

1) Çeçen, S., Öten, M., **ERDURMUŞ, C.**, Erdal, Ş. (2010) The Determination of Relationships Between Seed Yield and Yield Components of Common Vetch (*Vicia sativa* L.) with Path Analysis. 5th International Food Legumes Research Conference (IFLRC V) & 7th European Conference on Grain Legumes (AEP VII). Legumes for Global Health Legume Crops and Products for Food, Feed and Enviromental Benefits P: 181. April 26-30, 2010 Antalya.

2) Öten, M., **ERDURMUŞ, C.**, Çeçen, S. (2010) Adaptation Studies of Some Common Vetch (*Vicia sativa* L.) Lines and Varieties in Antalya Conditions. 5th International Food Legumes Research Conference (IFLRC V) & 7th European Conference on Grain Legumes (AEP VII). Legumes for Global Health Legume Crops and Products for Food, Feed and Enviromental Benefits P: 310. April 26-30, 2010 Antalya.

3) **ERDURMUŞ, C.**, Çakmakçı, S. (2010) The Determination of Relationships Between Seed Yield and Yield Components of Bitter Vetch (*Vicia ervilia* (L.) Willd) with Path Analysis. 5th International Food Legumes Research Conference (IFLRC V) & 7th European Conference on Grain Legumes (AEP VII). Legumes for Global Health Legume Crops and Products for Food, Feed and Enviromental Benefits P: 185. April 26-30, 2010 Antalya.

4) **ERDURMUŞ, C.**, Çeçen, S., Çakmakçı, S. Toker, R. (2010) A Research on Heavy Metal Statues in some Pasture Soil of Antalya. Second Internetal Symposium on Sustainable Development. P: 566 June 8-9, 2010, SARAJEVO.

5) Çürek, M., **ERDURMUŞ, C.**, Çeçen, S., Aydınöđlu, B., Bilgen, M.T., Çakmakçı, S. (2012) Pasture improvement programs carried out on some coastal pastures and highland ranges of Antalya. Series A:Mediterranean Seminars. Number 102.s.343- 345.Samsun.

6) **ERDURMUŞ, C.**, Çakmakçı, S. (2012) Locations and some agricultural properties of *Medicago orbicularis* L. genotypes present in Antalya flora. Series A:Mediterranean

Seminars.Number 102.s.207-211.Samsun.

- 7) Guden, B., **ERDURMUŞ, C.**, Yol, E., Ustun, R., Ikten, C., Akar, T., Uzun, B. (2014) Evaluation of a Sorghum Germplasm for Plant Height Characteristic by using Molecular Markers. Journal of Biotechnology 185S (2014) S18-S36, Italy.
- 8) **ERDURMUŞ, C.**, Uzun, B., Cecen, S., Erdal, S., Toker, R. (2015) Agro-morphological Selection of Sorghum Germplasm for Bioethanol Production. XXIIIrd EUCARPIA Maize and Sorghum Conference. Genomics and Phenomics for Model based Maize and Sorghum Breeding p:63. June 10-12, 2015, Montpellier, France.
- 9) Erdal, S., Uzun, B., Toker, R., **ERDURMUŞ, C.**, Cecen, S. (2015) Ethanol Yield and Yield related Traits of Selected Sorghum Gnotypes. XXIIIrd EUCARPIA Maize and Sorghum Conference. Genomics and Phenomics for Model based Maize and Sorghum Breeding p:63. June 10-12, 2015, Montpellier, France.
- 10) Guden, B., Yol, E., Ikten, C., **ERDURMUŞ, C.**, Uzun, B. (2015) Molecular Screening for Resistance to Sorghum Aphid (*Melanaphis sacchari* (Zehntner)) in Sorghum (*Sorghum bicolor* (L.) Moench). XXIIIrd EUCARPIA Maize and Sorghum Conference. Genomics and Phenomics for Model based Maize and Sorghum Breeding p:80. June 10-12, 2015, Montpellier, France.
- 11) **ERDURMUŞ, C.** (2018) Possibilities of using sweet sorghum as an energy plant. II. International Eurasian Agriculture and Natural Sciences Congress. September 11 – 15, 2018 Baku/Azerbaijan.
- 12) Aksu, E., **ERDURMUŞ, C.**, Arslan, M. (2018) Mürdümük (*Lathyrus sativus* L.) genotiplerinde yaprak klorofil yoğunluklarının (SPAD) belirlenmesi. Uluslararası katılımlı Türkiye 6. Tohumculuk Kongresi. Eylül 10 -13, 2018 Niğde-Türkiye.
- 13) **ERDURMUŞ, C.** 2019. Evaluation of Regular Deficit Irrigation Treatments on Sorghum. 6th International Multidisciplinary Studies Congress, 26-27 Nisan 2019 Gaziantep.

Papers of presented national symposium

- 1) Çeçen,S.,**ERDURMUŞ,C.**,Öten,M. 2005. Determination of the suitable forage crops on artificial grasslands in Antalya region. Türkiye VI. Field Crops Congress September 5-8. Antalya/Turkey.
- 2) Çeçen,S.,Öten,M., **ERDURMUŞ,C.**, Işık, M. 2007. Çeçen,S.,Öten,M., Erdurmuş,C., Işık, M. (2007). Determination of the silage quality traits of six sorghum varieties in five sowing time in the Antalya conditions. VII. Field Crops Congress,, June 25-27, Erzurum/Turkey.
- 3) **ERDURMUŞ, C.**, Çakmakçı, S. (2009) A Research on Determining the Yield an Adaptable of Bitter Vetch (*Vicia ervilia* (L.) Willd) Lines Cultured under the Climatic Conditions of Antalya. VIII. Field Crops Congress,, October 19-22, Hatay/Turkey.
- 4) **ERDURMUŞ,C.**,Çeçen,S.,Arslan,M. 2011. The importance of the ecological system of pasture. Ekology symposium. May: 5-7, Düzce./Turkey.
- 5) Çeçen,S.,**ERDURMUŞ,C.**,Erdal,Ş. 2011. Locotion of some forage legume plants in Antalya natural. Ekology symposium. May: 5-7, Düzce./Turkey.
- 6) **ERDURMUŞ, C.**, Aydınşakir, K., Çeçen, S., Işık, M. (2011) Effect of different salt concentrations on germination properties of grain sorghum (*Sorghum bicolor* L. IX. Field Crops Congress. september 12-15, Bursa/Turkey.

7) Işık, M., Aydınşakir, K., **ERDURMUŞ, C.**, Gürel, F. (2011) Disapperance of Honey Bees (*Apis mellifera L.*) and it's Effects on the Field Crops Production IX. Field Crops Congress. september 12-15, Bursa/Turkey.

8) Çeçen S., **ERDURMUŞ C.**, Öten M., Yılmaz Ş.G., 2014. Collecting and determination of morphological characterisc on sainfoin (*Onobrychis sativa L.*) in Antalya natural flora. 22. National Biologi Congress.. 23-27 Jun, Eskişehir/ Turkey.

9) Öten, M., Çeçen, S., **ERDURMUŞ. C.** 2015. Collecting and characterization of alfalfa (*Medicago Sativa L.*) in Antalya natural flora XI. Field Crops Congress, Çanakkale/Turkey.

Others

1) **ERDURMUŞ, C.**, Çeçen, S., Çürek, M. 2010. Law Studies on Pasture in Antalya. TMMOB Journal of Tarımın Sesi, 28:9-12.

EDUCATION, CONGRESS AND SYMPOSIUM

1) The sixth Field Crops Congress of Turkey September 5 -9 2005. Antalya/Turkey.

2) VIII Field Crops Congress of Turkey, October 19 -22 2009. Hatay/Turkey.

3) Second International Symposium on Sustainable Development June 8 – 9, 2010. Sarajevo/Bosnia and Herzegovina

4) 5th International Food Legumes Research Conference (IFLRC V) & 7th European Conference on Grain Legumes (AEP VII). April 26 – 30, 2010 Antalya/Turkey

5) IX Field Crops Congress of Turkey, September 12 -15 2011. Bursa/Turkey

6) Series A:Mediterranean Seminars. New Approches for Grassland Research in a Context of Climate and Social-Economic Chances, October 3 -6, 2012. Samsun/Turkey.

7) XXIIIrd Eucarpia Maize and Sorghum Conference, Genomics and Phenomics for Model Based Maize and Sorghum Breeding, June 10 – 12 2015, Montpellier/France.

8) II. International Eurasian Agricultural and Natural Sciences Congress. September 11 – 15 2018. Baku/Azerbaijan.

9) 6th International Multidisciplinary Studies Congress. April 26 – 27 2019. Gaziantep/Turkey.

Radio, TV Interview