

Asst. Prof. MURAT ALAN

Personal Information

Email: muratalan@karabuk.edu.tr

Web: <https://avesis.karabuk.edu.tr/muratalan>

Address: 78050

Education Information

Doctorate, Ankara University, Faculty Of Agriculture, Department Of Zootechnics, Turkey 1999 - 2006

Post Graduate, Ankara University, Faculty Of Agriculture, Department Of Field Crops, Turkey 1996 - 1999

Under Graduate, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, Turkey 1983 - 1987

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Estimation of Breeding Values of Turkish red pine (*Pinus brutia* Ten.) Families in Seed Stands of Aegean Region (0-400 m), Ankara University, Faculty Of Agriculture, Department Of Zootechnics, 2006

Post Graduate, A Vegetation survey in forest range of Küredağı, Bala, Ankara University, Faculty Of Agriculture, Department Of Field Crops, 1998

Research Areas

Agricultural Sciences, Forestry, Forest engineering, Silviculture, Forestation, Forest Genetics and Tree Breeding, Seed Physiology and Technology

Academic Titles / Tasks

Assistant Professor, Karabuk University, Orman Fakültesi, Orman Mühendisliği, 2014 - Continues

Assistant Professor, North Carolina State University, College of Natural Resources, Department of Forestry and Environmental Resources, 2019 - 2020

Professional Experience

Head of Department, Karabuk University, Orman Fakültesi, Orman Mühendisliği, 2014 - Continues

Head of Department, Karabuk University, Orman Fakültesi, Orman Mühendisliği, 2014 - 2016

Courses

Temel Genetik, Under Graduate, 2018 - 2019
Biyostatistik, Under Graduate, 2017 - 2018, 2018 - 2019
Introduction to Genetics for Natural Resources of Plants, Post Graduate, 2018 - 2019
Biyostatistik, Under Graduate, 2017 - 2018, 2018 - 2019
Ormanlıkta Temel İstatistik, Under Graduate, 2018 - 2019
Statistics, Researches and Experimental Methods for Natural Resources of Plants, Post Graduate, 2018 - 2019
Yabancı Dilde Okuma ve Konuşma, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019
İstatistik, Under Graduate, 2018 - 2019
Genel Botanik, Under Graduate, 2018 - 2019
İstatistik, Under Graduate, 2018 - 2019
Variation of Geographical and Genetic in Natural Populations of Plants, Post Graduate, 2018 - 2019
Araştırma Yöntemleri, Under Graduate, 2017 - 2018, 2018 - 2019
Yabancı Dilde Okuma ve Konuşma, Under Graduate, 2016 - 2017, 2017 - 2018
Reading and Speaking at Foreign Language , Under Graduate, 2016 - 2017, 2017 - 2018
Bilgisayar Destekli Veri Analizi, Post Graduate, 2017 - 2018
Reading and Speaking at Foreign Language, Under Graduate, 2016 - 2017, 2017 - 2018
Mühendislik İstatistiği, Under Graduate, 2014 - 2015
Standardizasyon, Under Graduate, 2014 - 2015
Mühendislik İstatistiği, Under Graduate, 2014 - 2015
Standardizasyon, Under Graduate, 2014 - 2015
Standardizasyon, Under Graduate, 2014 - 2015
Araştırma ve Sunum Teknikleri, Under Graduate, 2014 - 2015
Araştırma ve Rapor Yazma Teknikleri , Under Graduate, 2014 - 2015
Araştırma ve Rapor Yazma Teknikleri, Under Graduate, 2014 - 2015
Araştırma ve Sunum Teknikleri, Under Graduate, 2014 - 2015
Araştırma ve Sunum Teknikleri, Under Graduate, 2014 - 2015
Yabancı Dilde Okuma ve Konuşma, Under Graduate, 2014 - 2015
Biotechnology, Under Graduate, 2014 - 2015
Reading Tech. at Foreign Language, Under Graduate, 2014 - 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Comparison of genetic parameters between optimal and marginal populations of oriental sweet gum on adaptive traits**
ALAN M.
IFOREST-BIOGEOSCIENCES AND FORESTRY, vol.11, pp.510-516, 2018 (Journal Indexed in SCI)
- II. **Distribution of juniper stands and the impact of environmental parameters on growth in the drought-stressed forest-steppe zone of Central Anatolia**
Kahveci G., ALAN M., KÖSE N.
DENDROBIOLOGY, vol.80, pp.61-69, 2018 (Journal Indexed in SCI)
- III. **MAGNITUDE OF GENETIC VARIATION IN SEEDLING TRAITS OF LIQUIDAMBAR ORIENTALIS POPULATIONS**
ALAN M., Ezen T.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.1522-1531, 2018 (Journal Indexed in SCI)
- IV. **THE EFFECTS OF TOP PRUNING ON GROWTH AND PRODUCTION OF CONELETS AND CONES IN PINUS BRUTIA TEN SEED ORCHARDS OF DIFFERENT AGES**
ALAN M., Sabuncu R., Ezen T., Kaplan S.
SUMARSKI LIST, vol.142, pp.269-282, 2018 (Journal Indexed in SCI)
- V. **Importance of effective clone number in seed orchards a comparative study on seven conifer species in Turkey**

BİLGİN B. B., ALAN M., KURT Y.

Sumarski List, vol.137, pp.297-305, 2013 (Journal Indexed in SCI)

- VI. **Magnitude and efficiency of genetic diversity captured from seed stands of *Pinus nigra* (Arnold) subsp. *pallasiana* in established seed orchards and plantations**

ÇENGEL B., TAYANC Y., KANDEMİR G., VELİOĞLU E., Alan M., KAYA Z.

New Forests, vol.43, pp.303-317, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Amerika Birleşik Devletleri'nin güney eyaletlerinde yapılan ağaçlandırmaların Türkiye açısından değerlendirilmesi**
ALAN M.
Ormanlık Araştırma Dergisi, vol.8, pp.42-53, 2021 (Other Refereed National Journals)
- II. **Silviculture and tree breeding for planted forests**
ALAN M.
Eurasian Journal of Forest Science, vol.8, pp.74-83, 2020 (Other Refereed National Journals)
- III. **Effects of regenerative cutting on the height growth of Turkey oak (*Quercus cerris* L.) saplings**
Kavgacı A., Örtel E., Alan M., Çobanoğlu A.
Eurasian Journal of Forest Science, vol.8, pp.84-92, 2020 (Other Refereed National Journals)
- IV. **Estimation of genetic parameters of cone and seed characteristics in clonal seed orchard of spheroid Scots pine**
Alan M.
Turkish Journal of Forestry Türkiye Ormanlık Dergisi, vol.19, pp.240-245, 2018 (Other Refereed National Journals)
- V. **Anadolu Sığla Ağacı (*Liquidambar orientalis* Mill.) beş yaşlı fidanlarında bazı kantitatif karakterlerin çeşitliliği**
ALAN M., VELİOĞLU E., EZEN T., ŞIKLAR S., ÖZTÜRK H.
Ormanlık Araştırma Dergisi, vol.5, pp.74-81, 2018 (Other Refereed National Journals)
- VI. **Importance of marginal populations for conservation of forest gene resources**
Alan M.
Biological Diversity and Conservation, vol.10, pp.55-62, 2017 (Refereed Journals of Other Institutions)
- VII. **Female fertility in *Pinus sylvestris* L var. *compacta* (TOSUN) clonal seed orchard**
ALAN M.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.17, pp.474-478, 2017 (Journal Indexed in ESCI)
- VIII. **Marmara Bölgesi Islah Zonu nda 200 600 m kızılçam *Pinus brutia* döl denemeleri 12 yaş sonuçları**
ALAN M., ÖZYALÇIN K., EZEN T., ÜNAL C., ÖZTÜRK H., ŞIKLAR S.
Ormanlık Araştırma Dergisi, vol.1, pp.1-13, 2016 (Other Refereed National Journals)
- IX. **Bir Karaçam *Pinus nigra* Arn Tohum Bahçesinde Polen Tepitleri**
TULUKÇU M., ALAN M., JUKKA A.
Orman Ağaçları ve Tohumları Islah Araştırma Müdürlüğü Dergisi, pp.47-62, 2002 (National Non-Refereed Journal)
- X. **Bala Küredağı Orman İçi Merasında Bir Vejetasyon Etüdü**
ALAN M., EKİZ H.
Ankara Ü. Zir. Fak. Tarım Bilimleri Dergisi, vol.7, pp.62-69, 2001 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **MALE FERTILITY IN CLONAL SEED ORCHARD OF SPHEROID SCOTS PINE**

ALAN M.

Proceedings of the Biennial International Symposium "Forest and Sustainable Development" 8th Edition, Broşov,

Romania, 25 - 27 October 2018, pp.185-192

- II. **Türkiye’de Ex-situ Koruma Amaçlı Tohum Bahçeleri**
ALAN M.
Ulusal Botanik Bahçeleri, Arboretumlar, Herbaryumlar ve Botanik Müzeleri Çalıştayı, 2019, Düzce, Turkey, 18 - 21 April 2019, pp.73
- III. **Doğu Ladini’nde (*Picea orientalis* L) Genetik Kirlenme ve Genetik Çeşitliliği Koruma Çalışmaları**
ŞENGÜN S., ALAN M.
Ladin Sempozyumu, Trabzon, Turkey, 20 - 22 October 2005, pp.465-473
- IV. **A Proposal on Domestication of *Tilia temontosa* Moench in Yenice of Karabuk**
ALAN M., GÜNGÖROĞLU C., COŞGUN U.
4th International Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.15-18
- V. **Dallı Servi de (*Cupressus sempervirens* var *horizontalis* (Mill) Cord) Tohum olgunlaşma zamanı**
ÖRTEL E., ALAN M.
IV. Ulusal Ormancılık Kongresi: İnsan-Doğa Etkileşiminde Orman ve Ormancılık, Antalya, Turkey, 15 - 16 November 2017, pp.350-360
- VI. **Kızılçam (*Pinus brutia* Ten.) genetik ıslah çalışmalarının endüstriyel ağaçlandırmaların verimliliğine etkisi**
ŞIKLAR S., ÖZTÜRK H., ALAN M.
2023’e Doğru 4. Doğa ve Ormancılık Sempozyumu, Antalya, Turkey, 3 - 06 December 2017, pp.71-82
- VII. **Effects of latitude, longitude and altitude on some growth characters of *Liquidambar orientalis***
ALAN M.
International Forestry and Environment Symposium Climate Change and Tree Migration, Trabzon, Turkey, 7 - 10 November 2017, pp.132
- VIII. **Applicability of genomic selection on breeding of Turkish red pine**
ALAN M., KAPLAN A.
International Symposium on New Horizons in Forestry, Isparta, Turkey, 18 - 20 October 2017, pp.194
- IX. **Female fertility variation in a clonal seedorchard of special variety of scots pine**
ALAN M.
IUFROSeed Orchard Conference 2017, Balsta, Sweden, 4 - 06 September 2017, pp.61-62
- X. **Female Fertility in *Pinus sylvestris* L var *compacta* TOSUN Clonal Seed Orchard**
ALAN M.
International Forest Symposium IFS2016, 2016, Kastamonu, Turkey, 7 - 10 December 2016
- XI. **Comparison of genetic parameters between optimal and marginal populations of Oriental sweet gum**
ALAN M.
COST Action FP1202 MaP-FGR MC final meetingand COST FP1202, EUFORGEN, IUFRO WG 20213Joint final conference on“Marginal and peripheral tree populations:a key genetic resource for European forests, 2016, Arezzo, Italy, 26 - 29 September 2016, pp.14
- XII. **BREEDING AND GENE CONSERVATION OF ORIENTAL BEECH *Fagus orientalis* IN TURKEY**
ALAN M.
10 th International Beech Symposium, Kastamonu, Turkey, 1 - 06 September 2015, pp.10
- XIII. **IMPORTANCE OF MARGINAL POPULATIONS FOR CONSERVATION OF FOREST GENE RESOURCES**
ALAN M.
International Scientific Forum: RehabilitationRestoration of Degraded Forest, 2015, Astana, Kazakhstan, 8 - 12 June 2015, pp.41
- XIV. **Diversity of Some Quantitative Characters of Oriental Sweet Gum *Liquidambar orientalis* Mill**
ALAN M., VELİOĞLU E., EZEN T., ŞIKLAR S., ÖZTÜRK H.
Biorare:International Symposium on Biology of Rare and Endemic Plant Species, 2014, Antalya, Turkey, 19 - 23 April 2014, pp.41
- XV. **Türkiye de Kızılçam Islahının Dünü Bugünü ve Geleceği**
ALAN M.
Kuruluşunun 60. Yılında Ormancılık Araştırma Enstitüleri: Dünü, Bugünü ve Geleceği Sempozyumu, Bolu, Turkey, 7

- 09 November 2012, pp.212-220

XVI. GENETIC PARAMETERS IN SCOTS PINE (Pinus Sylvestris L.) PROGENY TESTS IN TURKEY

ALAN M., ÖZTÜRK H., ŞIKLAR S., EZEN T., KORKMAZ B., ÇALIŞKAN B., ÖZLER H., DERİLGİN S. I.

Proceedings of the Biennial International Symposium Forest and Sustainable Development, Brasov, Romania, 17 - 18 October 2008, pp.25-32

XVII. Orman Ağaçlarında Genetik Çeşitliliğin Korunmasında In situ ve Ex situ Yöntemlerin Türkiye'xxdeki Uygulamaları

ŞENGÜN S., ALAN M.

Korunan Doğal Alanlar Sempozyumu, Isparta, Turkey, 08 September 2005 - 10 September 2018, pp.533-541

XVIII. Vejetatif Üretimin Ağaç Islahı Açısından Önemi ve Ormancılığımızda Kullanılan Vejetatif Üretim Yöntemleri

ALAN M., KORKMAZ B., MÜMTAZ T., TURGAY E.

Türkiye Ormancılar Derneği, 1.Ulusal Ormancılık Kongresi, Ankara, Turkey, 1 - 05 October 2001

Supported Projects

ALAN M., GÜNGÖROĞLU C., COŞGUN U., Project Supported by Higher Education Institutions, Karabük İli, Yenice İlçesi'nde Tilia temontosa Moench Çiçeği Üretilmesi Amacıyla Bahçe Kurulması: Evcilleştirme, 2017 - Continues

ALAN M., Project Supported by Higher Education Institutions, Çiçek verimi kullanılarak, Ebe Sarıçamı (Pinus sylvestris L subsp. hamata (Steven) Fomin var. compacta TOSUN) tohum bahçesinde eşleşme sisteminin tahmin edilmesi, 2015 - 2018

ALAN M., Project Supported by Higher Education Institutions, Female fertility variation in a clonal seed orchard of special variety of scots pine, 2017 - 2017

ALAN M., Project Supported by Higher Education Institutions, Farklı yaşlardaki kızılçam tohum bahçelerinde, tepe budamasının büyüme konolet ve kozalak üzerine etkileri, 2016 - 2017

Scientific Refereeing

Crop Breeding And Applied Biotechnology, SCI Journal, February 2019

Kastamonu University Journal of Forestry Faculty, National Scientific Refreed Journal, July 2017

Ormancılık Araştırma Dergisi, National Scientific Refreed Journal, April 2017

Kastamonu University Journal of Forestry Faculty, National Scientific Refreed Journal, March 2017

Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, National Scientific Refreed Journal, October 2016

Biological Diversity and Conservation, Other Indexed Journal, October 2016

TURKISH JOURNAL OF BIOLOGY , SCI Journal, September 2016

Citations

Total Citations (WOS):11

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