

## Assoc. Prof. FAHRETTİN ATAR

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 124111

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri, Orman Mühendisliği, Turkey 2013 - 2019

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Orman Mühendisliği, Turkey 2010 - 2013

Undergraduate, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği Bölümü, Turkey 2005 - 2010

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Kestane (*Castanea sativa* Mill.) Ormanlarında Farklı Silvikültürel Müdahalelerin Sürgün Gelişimi Üzerine Etkileri, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2019

Postgraduate, Adi Gürgen (*Carpinus betulus* L.) populasyonlarında çimlenme özelliklerinin ve bazı morfolojik karakterlerin belirlenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Orman Mühendisliği / Silvikültür, 2013

### Research Areas

Agricultural Sciences, Forestry, Forest engineering, Silviculture, Silviculture Technique, Forestation, Forest Care, Seed Physiology and Technology, Nursery and Breeding Techniques

### Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2023 - Continues

Assistant Professor, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2022 - 2023

Research Assistant PhD, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2019 - 2022

Research Assistant, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2011 - 2019

## Academic and Administrative Experience

Deputy Head of Department, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2023 - Continues  
Çevre Komisyonu Üyesi, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2021 - Continues  
Sera Komisyonu Üyesi, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2014 - Continues  
Internship Committee Member, Karadeniz Technical University, Orman Fakültesi, Orman Mühendisliği, 2011 - 2023

## Supervised Theses

Atar F., Doğu ladini [*Picea orientalis* (L.) Link] fidanlarının bazı fizyolojik ve biyokimyasal özellikleri üzerine kuraklık stresinin etkisi ile morfolojik özellikler arasındaki ilişki, Postgraduate, A.KEREM(Student), 2024

## Jury Memberships

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, October, 2024  
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, October, 2024  
Doctorate, Doctorate, Kahramanmaraş Sütçü İmam Üniversitesi, March, 2024

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Analyzing Population Diversity of Common Hornbeam (*Carpinus betulus* L.) in Native Habitats in Türkiye: A Focus on Leaf Characteristics**  
Atar F., Atar E., Güney D., Turna İ.  
AUSTRIAN JOURNAL OF FOREST SCIENCE, vol.141, no.3, pp.173-194, 2024 (SCI-Expanded)
- II. **Effect of Drought Stress on Physiological and Biochemical Traits of *Quercus petraea* subsp. *iberica* Seedlings and Analysis of the Relationship with Morphological Traits**  
Atar E., Yücesan Z., Atar F., Üçler A. Ö.  
AUSTRIAN JOURNAL OF FOREST SCIENCE, vol.141, no.2, pp.81-110, 2024 (SCI-Expanded)
- III. **The Effects of Different Rooting Temperatures and Phytohormones on the Propagation of Boxwood Cuttings**  
Güney D., Bayraktar A., Atar F., Chavoshi S. H., Turna İ.  
BALTIC FORESTRY, vol.29, no.1, pp.1-8, 2023 (SCI-Expanded)
- IV. **Population Variability of Common Hornbeam (*Carpinus betulus* L.) in North-Eastern Part of Turkey According to the Involucre Morphology**  
Atar F.  
SUMARSKI LIST, vol.146, no.11-12, pp.507-516, 2022 (SCI-Expanded)
- V. **Impact of white mistletoe (*Viscum album* ssp. *abietis*) infection severity on morphology, anatomy and photosynthetic pigment content of the needles of cilicican fir (*Abies cilicica*)**  
ÖZTÜRK M., COŞKUNER K. A., SERDAR B., ATAR F., BİLGİLİ E.  
FLORA, vol.294, 2022 (SCI-Expanded)
- VI. **Effects of precommercial thinning intensity on growth of *Fagus orientalis* Lipsky stands over 6 years**  
GÜNEY D., ATAR F., TURNA İ., Gunlu A.  
JOURNAL OF FORESTRY RESEARCH, vol.33, no.3, pp.937-947, 2022 (SCI-Expanded)
- VII. **Eight-year results of precommercial thinning on growth parameters in *Picea orientalis* (L.) link stands**  
ATAR F.  
SCANDINAVIAN JOURNAL OF FOREST RESEARCH, vol.37, no.5-8, pp.330-337, 2022 (SCI-Expanded)
- VIII. **The Effects of Different Factors on Propagation by Hardwood Cuttings of Some Coniferous Ornamental Plants**  
Güney D., Bayraktar A., Atar F., Turna İ.

SUMARSKI LIST, vol.145, no.9-10, pp.467-477, 2021 (SCI-Expanded)

- IX. **The effects of temperature and exogenous auxin on cutting propagation of some junipers**  
Güney D., Chavoshi S. H., Bayraktar A., Atar F.  
Dendrobiology, vol.86, pp.29-38, 2021 (SCI-Expanded)
- X. **Effects of different genders and hormones on stem cuttings of *Salix anatolica***  
Yıldırım N., Bayraktar A., Atar F., Güney D., Öztürk M., Turna İ.  
JOURNAL OF SUSTAINABLE FORESTRY, vol.39, pp.300-308, 2020 (SCI-Expanded)
- XI. **GENETIC DIVERSITY OF *Picea orientalis* (L.) LINK POPULATIONS IN TURKEY**  
Güney D., Yahyaoglu Z., Bayraktar A., Atar F., Turna İ.  
SUMARSKI LIST, vol.143, pp.539-547, 2019 (SCI-Expanded)
- XII. **EFFECTS OF DIFFERENT MEDIA AND HORMONES ON PROPAGATION BY CUTTINGS OF EUROPEAN YEW (*Taxus baccata* L.)**  
Bayraktar A., Atar F., Yıldırım N., Turna İ.  
SUMARSKI LIST, vol.142, pp.509-516, 2018 (SCI-Expanded)
- XIII. **FRUIT AND SEEDLING DIVERSITY AMONG SWEET CHESTNUT (*Castanea sativa* Mill.) POPULATIONS IN TURKEY**  
Atar F., Turna İ.  
SUMARSKI LIST, vol.142, pp.611-619, 2018 (SCI-Expanded)
- XIV. **The Effect Of Pre-Treatments And Seed Collection Time On The Germination Characteristics Of Common Hornbeam (*Carpinus Betulus*) Seeds In The Eastern Black Sea Region, Turkey**  
Güney D., Atar F., Atar E., Turna İ., Kulac S.  
Seed Science And Technology, no.43, pp.1-9, 2015 (SCI-Expanded)
- XV. **EFFECTS OF DIFFERENT PRETREATMENTS AND SEED COLLECTION DATES OF ORIENTAL HORNBEAM (*Carpinus orientalis* Mill.) SEEDS ON GERMINATION**  
Güney D., Atar E., Atar F., Turna İ.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.2554-2559, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Utilization of windbreaks in agricultural areas as agroforestry practices**  
Turna İ., Atar F., Güney D., Turna H.  
Ormançılık Araştırma Dergisi, vol.11, no.1, pp.65-80, 2024 (Peer-Reviewed Journal)
- II. **Stand Analysis and Distribution Areas of European Aspen (*Populus tremula* L.) Forests in Türkiye**  
Turna İ., Atar F.  
SilvaWorld, vol.3, no.1, pp.15-27, 2024 (Peer-Reviewed Journal)
- III. **Morphogenetic Variations and Quality Characteristics of *Carpinus orientalis* Mill. Seedlings**  
Atar E., Atar F., Güney D.  
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.11, no.9, pp.1742-1750, 2023 (Peer-Reviewed Journal)
- IV. **The effects of different grafting methods on seedling production success in sweet chestnut (*Castanea sativa* Mill.)**  
Turna H., Turna İ., Aygün A., Atar F.  
Ormançılık Araştırma Dergisi, vol.10, no.2, pp.29-40, 2023 (Peer-Reviewed Journal)
- V. **Morphogenetic Variations of *Pinus sylvestris* L. Seedlings Depending on Altitude**  
Güney D., Atar F., Turna İ., Bayraktar A.  
Ormançılık Araştırma Dergisi, vol.10, no.1, pp.80-89, 2023 (Peer-Reviewed Journal)
- VI. **Ecological and silvicultural assessment of European aspen (*Populus tremula* L.) stands: The sample of Erciyes Mountain**  
Turna İ., Atar F.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.23, no.2, pp.51-53, 2022 (Peer-Reviewed Journal)

- VII. **Effect of sowing time and media on germination of *Ailanthus altissima* (Mill.) Swingle seed**  
Atar F., Turna İ.  
Ormançılık Araştırma Dergisi, vol.9, no.Özel Sayı, pp.1-8, 2022 (Peer-Reviewed Journal)
- VIII. **Effects of altitude on some seedling quality characteristics of *Carpinus betulus* L. (Common Hornbeam) and *Carpinus orientalis* Mill. (Oriental Hornbeam)**  
Atar F.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.22, no.2, pp.257-265, 2021 (Peer-Reviewed Journal)
- IX. **Influence of Precommercial Thinning on Growth Parameters in *Fraxinus Angustifolia* Vahl. Plantations**  
Güney D., Atar F., Turna İ., Bayraktar A., Günlü A.  
Turkish Journal of Forest Science, vol.5, no.2, pp.339-351, 2021 (Peer-Reviewed Journal)
- X. **Change of Chlorophyll Content Depending on Different Pretreatment and Elevation in Oriental Hornbeam (*Carpinus orientalis* Mill.) Seedlings**  
Atar F., Güney D.  
Bartın Orman Fakültesi Dergisi, vol.23, no.1, pp.236-243, 2021 (Peer-Reviewed Journal)
- XI. **Effects of different phytohormones on the rooting of azalea (*Azalea* sp.) cuttings**  
Güney D., Bayraktar A., Atar F., Turna İ.  
Ormançılık Araştırma Dergisi, vol.8, no.1, pp.80-87, 2021 (Peer-Reviewed Journal)
- XII. **Seasonal Change of Chlorophyll Content in Some Tree and Shrub Species**  
Atar F., Güney D., Bayraktar A., Yıldırım N., Turna İ.  
Turkish Journal of Forest Science, vol.4, no.2, pp.245-256, 2020 (Peer-Reviewed Journal)
- XIII. **Effects of root undercutting, fertilization and thinning on seedling growth and quality of oriental beech (*Fagus orientalis* Lipsky) seedlings**  
Güney D., Bayraktar A., Atar F., Turna İ.  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, vol.21, no.2, pp.214-222, 2020 (Peer-Reviewed Journal)
- XIV. **Fruit and Seed Diversity of *Smilax excelsa* in the Black Sea Region, Turkey**  
Atar F., Bayraktar A., Yıldırım N., Turna İ., Güney D.  
Turkish Journal of Forestry Research, vol.7, no.1, pp.1-8, 2020 (Peer-Reviewed Journal)
- XV. **Effects of some nitrogen-fixing plants on seedling growth of scotch pine**  
GÜNEY D., Seyis E., ATAR F., BAYRAKTAR A., TURNA İ.  
TURKISH JOURNAL OF FORESTRY, vol.20, no.4, pp.284-289, 2019 (Peer-Reviewed Journal)
- XVI. **Floristic characteristics of *Arbutus unedo* L. and *Arbutus andrachne* L. as Medicinal Plants**  
Yıldırım N., Atar F., Turna H., Bayraktar A., Turna İ.  
Works of the Faculty of Forestry University of Sarajevo, vol.48, no.1, pp.56-63, 2018 (Peer-Reviewed Journal)
- XVII. **Determination of germination characteristics of *Calligonum polygonoides* and *Koeleria paniculata* seeds**  
Atar F., Bayraktar A., Yıldırım N., Turna İ.  
Works of the Faculty of Forestry University of Sarajevo, vol.48, no.2, pp.33-40, 2018 (Peer-Reviewed Journal)
- XVIII. **Effects of some auxins on propagation by hardwood cutting of Autumn Olive (*Elaeagnus umbellata* Thunb.)**  
Bayraktar A., Yıldırım N., Atar F., Turna İ.  
Turkish Journal of Forestry Research, vol.5, no.2, pp.112-116, 2018 (Peer-Reviewed Journal)
- XIX. **The effects of different pretreatments on germination of Mediterranean hackberry (*Celtis australis* L.) seeds**  
Güney D., Turna İ., Atar F.  
Biological Diversity and Conservation, vol.11, no.1, pp.61-67, 2018 (Peer-Reviewed Journal)
- XX. **Kestane dal kanseri ile mücadelenin silvikültürel yönden değerlendirilmesi: Kütahya Simav örneği**  
Turna İ., Sertkaya M. G., Atar F.  
TURKISH JOURNAL OF FORESTRY, vol.18, pp.187-196, 2017 (Peer-Reviewed Journal)
- XXI. **İstanbul İlindeki Kent Ağaçlarında Budama Çalışmalarının Değerlendirilmesi**  
Turna İ., Yazıcı F., Atar F.

Journal of Bartın Faculty of Forestry, vol.19, pp.1-10, 2017 (Peer-Reviewed Journal)

- XXII. **Variations within and among populations depending on some leaf characteristics of oriental beech (*Fagus orientalis* Lipsky)**  
Turna İ., Güney D., Atar F., Turna H., Kulaç Ş., Filiz E.  
BIOLOGICAL DIVERSITY AND CONSERVATION, vol.9, no.2, pp.1-9, 2016 (Peer-Reviewed Journal)
- XXIII. **Fıstıkçamı (*Pinus pinea* L.)' nda Bazı Morfolojik Özelliklere Bağlı Varyasyonların Belirlenmesi**  
Yahyaoğlu Z., GÜNEY D., TURNA İ., ATAR F.  
KSÜ DOĞA BİLİMLERİ DERGİSİ, pp.234-239, 2012 (Peer-Reviewed Journal)

## Books

- I. **Evaluation of Morphological Diversity and Standardization Criteria of Black Pine**  
Güney D., Atar F., Bayraktar A.  
in: Orman Mühendisliğinde İleri Araştırmalar, Doç. Dr. Ender BUĞDAY, Editor, Yaz Yayınları, Afyonkarahisar, pp.70-85, 2024
- II. **Seasonal Change of Chlorophyll Content in *Gingko biloba* L. Seedlings of Different Ages**  
Atar F., Bayraktar A., Güney D.  
in: Orman Mühendisliğinde İleri Araştırmalar, Doç. Dr. Ender BUĞDAY, Editor, Yaz Yayınları, Afyonkarahisar, pp.122-143, 2024
- III. **KENTSEL YEŞİL ALANLARDA BİTKİSEL MATERYAL SEÇİMİ**  
Turna İ., Güney D., Atar F.  
in: Orman Endüstri Mühendisliği ve Orman Mühendisliği Alanında Uluslararası Araştırma ve Değerlendirmeler, AYDIN GÖKHAN, Editor, Serüven Yayınevi, Ankara, pp.1-16, 2024
- IV. ***Osmanthus decorus* (Boiss. & Balansa) Kasaplığı Türünün Vejetatif Üretiminde Köklendirme Masası Sıcaklığı ve Fitohormon Uygulamalarının Rölü**  
Güney D., Atar F.  
in: Orman Endüstri Mühendisliği ve Orman Mühendisliği Alanında Uluslararası Araştırma ve Değerlendirmeler, AYDIN GÖKHAN, Editor, Serüven Yayınevi, Ankara, pp.77-91, 2024
- V. **Determination of Chlorophyll Content Variation Dependent on Direction and Species Using a Portable Chlorophyll Meter (SPAD)**  
Atar F., Bayraktar A., Güney D.  
in: Academic Analysis and Discussions in Agriculture, Forestry and Fisheries, Derya Güloğlu, Editor, Yaz Yayınları, Afyonkarahisar, pp.145-161, 2023
- VI. **Hibrit Kavak (*Populus nigra* L. X *P. maximowiczii* A. Henry 'NM6') Çeliklerinden Üretilen Fidanlarda Farklı Gübre Uygulamalarının Yaprak Morfolojisi Üzerine Etkisi**  
Güney D., Atar F., Bayraktar A.  
in: Ziraat ve Orman ve Su Ürünleri Alanında Uluslararası Araştırma ve Değerlendirmeler Cilt 2, Koray Özrenk, Editor, Serüven Yayınevi, Ankara, pp.53-70, 2023
- VII. **Morphological Characteristics and Quality Classification of *Picea orientalis* (L.) Link Seedlings at Different Ages**  
Atar F., Bayraktar A.  
in: Academic Analysis and Discussions in Agriculture, Forestry and Fisheries, Derya Güloğlu, Editor, Yaz Yayınları, Afyonkarahisar, pp.163-178, 2023
- VIII. **Klorofil İçeriğinin Tespitinde Ekstraksiyon Yöntemi ve Klorofilmetre (Spad) Ölçümleri Arasındaki İlişki**  
Atar F., Bayraktar A.  
in: ZİRAAT, ORMAN VE SU ÜRÜNLERİ ALANINDA ULUSLARARASI ARAŞTIRMALAR IV, Mehmet Çolak, Editor, Eğitim Yayınevi, Konya, pp.5-23, 2022
- IX. **Farklı Nanoteknolojik Sıvı Organomineral Gübre Dozlarının Doğu Kayını Fidanlarının Fotosentetik Pigment İçerikleri Üzerine Etkileri**

Bayraktar A., Güney D., Atar F.

in: Ziraat, Orman ve Su Ürünlerinde Araştırma ve Değerlendirmeler - I, Prof. Dr. İbrahim Cengizler, Doç. Dr. Selçuk Duman, Editor, Gece Kitaplığı, Ankara, pp.267-284, 2021

## Papers Published in Refereed Scientific Meetings

- I. **Ailanthus altissima (Mill.) Swingle Tohumunun Çimlenmesi Üzerine Ekim Zamanı ve Ortamın Etkisi**  
Atar F., Turna İ.  
IV. Ulusal Karadeniz Ormanlık Kongresi, Trabzon, Turkey, 6 - 09 December 2021, pp.116
- II. **Effects of different nanotechnological fertilizer applications on SPAD value in Fagus orientalis leaves**  
Bayraktar A., Atar F.  
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 - 26 November 2021, pp.331
- III. **The Change of Photosynthetic Pigments of Liquidambar orientalis in Summer Period**  
Atar F., Bayraktar A.  
3rd International Symposium on Biodiversity Research, Erzurum, Turkey, 20 - 22 October 2021, pp.68
- IV. **Stand Dynamics of the Sweet Chestnut (Castanea Sativa Mill.) Forests in Turkey**  
Atar F.  
II. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2020, pp.448
- V. **Change of Chlorophyll Amount in Some Natural and Exotic Plant Species: Sample of KTÜ Kanuni Campus**  
Güney D., Atar F., Bayraktar A., Yıldırım N., Turna İ.  
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.268-273
- VI. **Silvicultural Evaluation of European Aspen (Populus tremula L.) Forests in Erciyes Mountain**  
Turna İ., Atar F.  
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.399-404
- VII. **Phenological Observations Related To Growing Periods Of Some Ginkgo biloba L. AND Cercis siliquastrum L. Individuals**  
YILDIRIM N., BAYRAKTAR A., ATAR F., GÜNEY D.  
III. International Mediterranean Forest and Environment Symposium, Kahramanmaraş, Turkey, 3 - 05 October 2019, pp.69
- VIII. **Floristic Characteristics of Arbutus unedo L. and Arbutus andrachne L. as Medicinal Plants**  
Yıldırım N., Atar F., Turna H., Bayraktar A., Turna İ.  
International Symposium "People-Forest-Science", Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2018, pp.11
- IX. **Determination of Germination Characteristics of Calligonum polygonoides and Koeleria paniculata Seeds**  
Atar F., Bayraktar A., Yıldırım N., Turna İ.  
International Symposium "People-Forest-Science", Sarajevo, Bosnia And Herzegovina, 10 - 12 October 2018, pp.119
- X. **Effects of Cutting Types and IBA Treatment on Propagation by Hardwood Cuttings of Tilia platyphyllos**  
BAYRAKTAR A., ATAR F., KARAPINAR S., ÜÇLER A. Ö.  
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.23
- XI. **Effects of Different Rooting Media and Hormones on Propagation by Softwood Cuttings of Elaeagnus umbellata**  
Bayraktar A., Yıldırım N., Atar F., Turna İ.  
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.7
- XII. **Evaluation of Non-Wood Forest Products in Agroforestry Applications in Marmara Region, Turkey**

- TURNA İ., YILDIRIM N., BAYRAKTAR A., ATAR F.  
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018
- XIII. **Leaf Variations of Strawberry Tree (*Arbutus unedo* L.) in the Black Sea Region of Turkey**  
BAYRAKTAR A., ATAR F., YILDIRIM N., TURNA İ.  
4th Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018
- XIV. **The Effects of Different Cutting Treatments on the Sprouting Ability in Anatolian Chestnut (*Castanea sativa* Mill.)**  
Atar F., Turna İ.  
Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.201
- XV. **Agroforestry Applications in the Home Gardens in Trabzon and Rize Provinces**  
TURNA İ., Yazar M. K., ATAR F.  
Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018
- XVI. **The Germination Speeds of Oriental Hornbeam (*Carpinus orientalis* Mill.) Seed Depending on Different Pre-Treatments and Altitudes**  
Atar E., Atar F., Güney D., Turna İ.  
Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.776
- XVII. **Fruit and Seed Characteristics of *Smilax excelsa* L. as Medicinal and Ornamental Plant**  
Yıldırım N., Bayraktar A., Atar F., Turna İ.  
International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018, pp.183
- XVIII. **Variations in Eastern Strawberry Tree (*Arbutus andrachne* L.) related to Some Leaf Characteristics**  
BAYRAKTAR A., ATAR F., YILDIRIM N., TURNA İ.  
International Congress on Engineering and Life Sciences-ICELIS 2018, Kastamonu, Turkey, 26 - 29 April 2018
- XIX. **Shoot Growth in Anatolian Chestnut (*Castanea sativa* Mill.) Forests Operated as Short Rotation**  
Turna İ., Atar F., Bayraktar A.  
International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018, pp.214
- XX. **Growth Performance in Seedlings of Common Hornbeam (*Carpinus betulus* L.) in Nursery Conditions**  
ATAR F., ATAR E., BAYRAKTAR A., TURNA İ.  
International Congress on Engineering and Life Sciences, Kastamonu, Turkey, 26 - 29 April 2018
- XXI. **Silvicultural Viewpoint to Chestnut (*Castanea sativa* Mill.) Forest in Turkey**  
TURNA İ., ATAR F., BAYRAKTAR A., TURNA H.  
International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.209
- XXII. **Investigation of High Mountain Afforestation: Sample of Galyan**  
Semercioğlu A., Turna İ., Atar F.  
International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.200
- XXIII. **The Effects of Rooting Media and Some Auxins on Propagation by Cutting of *Cryptomeria japonica* D.Don. 'Elegans' (Henk&Hochst.) Mast.**  
Bayraktar A., Yıldırım N., Atar F., Turna İ.  
International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.202
- XXIV. **Morphological Diversity of Common Hornbeam (*Carpinus betulus* L.) Seeds in the Eastern Black Sea Region of Turkey**  
ATAR F., BAYRAKTAR A., Atar E., TURNA İ.  
International Forestry and Environment Symposium, Trabzon, Turkey, 7 - 10 November 2017, pp.203
- XXV. **Effects of Some Auxins on Propagation by Hardwood Cutting of Autumn Olive (*Elaeagnus umbellata* Thunb.)**  
Bayraktar A., Yıldırım N., Atar F., Turna İ.  
International Symposium on New Horizons in Forestry, Isparta, Turkey, 18 - 20 October 2017, pp.206
- XXVI. **Plant Species Diversity in Home Gardens Which is One of the Agroforestry Practices**  
Turna İ., Yazar M. K., Atar F.  
International Symposium on New Horizons in Forestry, Isparta, Turkey, 18 - 20 October 2017, pp.64
- XXVII. **The effect of pretreatments on the germination speed of common hornbeam (*Carpinus betulus* L.)**

- seeds in the Eastern Black Sea Region, Turkey**  
ATAR F., Atar E., BAYRAKTAR A., TURNA İ.  
International Symposium on New Horizons in Forestry, Isparta, Turkey, 18 - 20 October 2017, pp.404
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II. Ulusal Akdeniz Orman ve Çevre Sempozyumu, Isparta, Turkey, 22 - 24 October 2014, pp.870-876
- XXXII. **Gelibolu Tarihi Milli Parkı İçindeki Sahilçamı (*Pinus pinaster* Aiton) Ağaçlandırmalarında Bakım Çalışmalarının Artıma Etkisi**  
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- XXXIX. **Karaçam (*Pinus nigra* Subsp. *Pallasiana*)'da Dolu Tohum Oranının Belirlenmesi Üzerine Bir Çalışma**  
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## Supported Projects



Koç F., Atar F., Turna İ., Kara Ö., Özel H. B., Project Supported by Other Official Institutions, Doğu Kayınında (*Fagus orientalis* Lipsky) İlk Aralama Müdahalelerinin Meşcere Gelişimi ve Toprak Özellikleri Üzerine Etkileri (Yaylacık Araştırma Ormanı Örneği), 2025 - 2029

Öncül Ö., Turna İ., Güney D., Atar F., Öksüz S., Uğurlu Ç., Project Supported by Other Official Institutions, Titrek Kavak (*Populus tremula* L.) Meşcerelerinde Aralama Kesimlerinin Meşcere Büyümesi Üzerine Etkileri (Erzurum OBM Örneği), 2022 - 2027

Turna H., Turna İ., Atar F., Öncül Ö., Altınışık A., Project Supported by Other Official Institutions, Titrek Kavak (*Populus tremula* L.) Meşcerelerinde Aralama Müdahalelerinin Meşcere Gelişimi Üzerine Etkileri (Gümüşhane Örneği), 2022 - 2027

Koç F., Turna İ., Atar F., Akbin G., Hangişi G., Kozan H., Kılıç Y., Project Supported by Other Official Institutions, Titrek Kavak (*Populus tremula* L.) Sıklıklarının Gelişiminde Sıklık Bakımı Müdahalelerinin Etkileri (Erciyes Örneği), 2022 - 2027

Koç F., Turna İ., Güzel A. O., Akbin G., Kılıç Y., Atar F., Project Supported by Other Official Institutions, Titrek Kavak (*Populus tremula* L.) Meşcerelerinde Gecikmiş Aralama Kesimlerinin Meşcere Büyümesi ve Bazı Toprak Özellikleri Üzerine Etkileri (Kayseri-Erciyes Dağı Örneği), 2019 - 2026

Atar F., Güney D., Turna İ., Bayraktar A., Atar E., Project Supported by Higher Education Institutions, Kuraklık Stresine Karşı Gübreleme Stratejileri: Sarıçam (*Pinus sylvestris* L.) Fidanlarında Organik Gübrelerin Etkinliği, 2024 - 2025

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Karahalil U., Atar F., Köse S., Mısır M., Kadioğulları A. İ., H2020 Project, Alternative models and robust decision-making for future forest management, 2016 - 2021

GÜNEY D., TURNA İ., BAYRAKTAR A., ATAR F., Project Supported by Higher Education Institutions, Bazı Süs Bitkisi Türlerinin Çelik ile Köklendirilmesinde Farklı Sera ve Köklendirme Ortamı ile Hormon Etkilerinin Araştırılması, 2016 - 2019

Turna İ., Karahalil U., TUBITAK Project, Kestane (*Castanea sativa* Mill.) Ormanlarında Farklı Silvikültürel Müdahalelerin Sürgün Gelişimi ve Karbon Depolama Kapasitesi Üzerine Etkileri, 2015 - 2019

OKTAN E., AKBULUT S., ATAR F., COŞKUNER K. A., KEZİK U., BAYRAMOĞLU M. M., ÇOLAKOĞLU G., ÜÇLER A. Ö., YÜCESAN Z., Project Supported by Higher Education Institutions, International Forestry and Environment Symposium Climate Change and Tree Migration, 2017 - 2017

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Güney D., Turna İ., Atar F., Atar E., Project Supported by Higher Education Institutions, Doğu Gürgenin *Carpinus orientalis* Miller çeşitli tohum yaprak ve çimlenme özelliklerinin araştırılması, 2012 - 2014

Güney D., Turna İ., TUBITAK Project, Adi Gürgenin (*Carpinus betulus* L.) çeşitli tohum ve çimlenme özelliklerinin araştırılması, 2012 - 2013

## Activities in Scientific Journals

Ormanlık Araştırma Dergisi, Editor, 2024 - Continues

## Peer Reviews in Scientific Publications

Turkish Journal of Agriculture - Food Science and Technology, National Scientific Refreed Journal, March 2025

Turkish journal of forest science (Online), National Scientific Refreed Journal, March 2025  
ECOLOGY AND EVOLUTION, SCI Journal, March 2025  
Kastamonu University Journal of Engineering and Sciences, Other journals, December 2024  
Ormançlık Araştırma Dergisi, National Scientific Refreed Journal, August 2024  
Anadolu Orman Araştırmaları Dergisi, National Scientific Refreed Journal, June 2024  
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, Journal Indexed in ESCI, April 2024  
Ormançlık Araştırma Dergisi, National Scientific Refreed Journal, March 2024  
Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, National Scientific Refreed Journal, February 2024  
BIORESOURCES, Journal Indexed in SCI-E, January 2024  
TURKISH JOURNAL OF FORESTRY, National Scientific Refreed Journal, January 2024  
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TURKISH JOURNAL OF FORESTRY, National Scientific Refreed Journal, February 2023  
SilvaWorld, Other journals, February 2023  
JOURNAL OF FORESTRY RESEARCH, Journal Indexed in SCI-E, January 2023  
Bartın Orman Fakültesi Dergisi, National Scientific Refreed Journal, January 2023  
JOURNAL OF HORTICULTURE AND FORESTRY (JHF), Other Indexed Journal, December 2022  
TURKISH JOURNAL OF FORESTRY, National Scientific Refreed Journal, December 2022  
CERNE, Journal Indexed in SCI-E, November 2022  
Journal of Horticulture and Forestry , Other Indexed Journal, August 2022  
Turkish Journal of Forestry, Other Indexed Journal, June 2022  
Annual Research & Review in Biology, Other Indexed Journal, April 2022  
Turkish Journal of Forestry , Other Indexed Journal, April 2022  
Turkish Journal of Forestry, Other Indexed Journal, February 2022  
Net Journal of Agricultural Science, Other Indexed Journal, November 2021  
GENETIC RESOURCES AND CROP EVOLUTION, Journal Indexed in SCI-E, February 2021  
GENETIC RESOURCES AND CROP EVOLUTION, Journal Indexed in SCI-E, November 2020  
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GENETIC RESOURCES AND CROP EVOLUTION, SCI Journal, August 2020  
CELAL BAYAR ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, Other Indexed Journal, May 2020  
Genetic Resources and Crop Evolution , SCI Journal, August 2019  
Turkish Journal of Forestry, Other Indexed Journal, July 2019  
Genetic Resources and Crop Evolution, SCI Journal, July 2019

### **Scientific Project Refereeing**

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, March 2025  
TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, March 2025  
TUBITAK Project, 1071-Uluslararası Araştırma Fonlarından Yararlanma Kapasitesinin ve Uluslararası Ar-Ge İşbirliklerine Katılımın Arttırılmasına Yönelik Destek Programı , April 2024

### **Tasks In Event Organizations**

Atar F., IV. Ulusal Karadeniz Ormançlık Kongresi, Scientific Congress, Trabzon, Turkey, Aralık 2021  
Atar F., International Forestry and Environment Symposium, Scientific Congress, Trabzon, Turkey, Kasım 2017

### **Scientific Research / Working Group Memberships**

Ca21138 / Joint Effects Of Climate Extremes And Atmospheric Deposition On European Forests (Cleanforest), European Cooperation in Science and Technology (COST), Belgium, <https://www.cost.eu/actions/CA21138/>, 2024 - Continues

## **Congress and Symposium Activities**

4th International Eurasian Conference on Biological and Chemical Sciences, Attendee, Ankara, Turkey, 2021

INTERNATIONAL CONFERENCE ON AGRICULTURAL, BIOLOGICAL AND LIFE SCIENCE, Attendee, Edirne, Turkey, 2020

III. International Mediterranean Forest and Environment Symposium, Attendee, Kahramanmaraş, Turkey, 2019

Ecology 2018 International Symposium, Attendee, Kastamonu, Turkey, 2018

International Forestry and Environment Symposium, Attendee, Trabzon, Turkey, 2017

International Symposium on New Horizons in Forestry, Attendee, Isparta, Turkey, 2017

2.Ulusal Akdeniz Orman ve Çevre Sempozyumu, Attendee, Isparta, Turkey, 2014

Kestane Hastalıklarına Karşı Standart Çalışma Yöntemleri (SÇY) Eğitim Programı, Attendee, Sinop, Turkey, 2014

3rd International Non-wood Forest Products Symposium, Attendee, Kahramanmaraş, Turkey, 2014

International Caucasian Forestry Symposium, Attendee, Artvin, Turkey, 2013

I. Ulusal Akdeniz Orman ve Çevre Sempozyumu, Attendee, Kahramanmaraş, Turkey, 2011

IV. Tohumculuk Kongresi, Attendee, Samsun, Turkey, 2011

## **Awards**

ATAR F., ULUSLARARASI BİLİMSEL YAYIN TEŞVİK PROGRAMI, TÜBİTAK, January 2019

Atar F., Orman Fakültesi Birinciliği, Karadeniz Teknik Üniversitesi, June 2010