

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name **PROF. DR. SEZGIN AYAN**

Role in the project

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[sezginayan@gmail.com](mailto:sezginayan@gmail.com)

Nationality T. R.

Date of birth 10.04.1970

WORK EXPERIENCE

- Dates (from – to) 2000-present
  - Name and address of employer Since 2007 Kastamonu University, Faculty of Forestry  
2006-2007 Gazi University, Kastamonu Forestry Faculty
  - Type of business or sector Prof. Dr.
  - Occupation or position held Since 2000: Teaching and researching in Faculty of Forestry, Dep. of Forest Eng. Silviculture  
Since 2011: Prof. Dr.  
Between 2000 to 2006: Lecturer (Assist. Prof. Dr.)  
Between 2006 to 2011: Lecturer (Assoc. Prof. Dr.)  
Between 2003 to 2008: Head of Forest Engineer Department  
Between 2004 to 2012: Vice Dean  
Since 2001: Editor –in-Chief (Journal of Forestry Faculty)  
Between 2007 to 2011: Coordinator of International Relation  
Between 2007 to 2011: Head of International Projects Department
- Current Position Coordination, project planning and development activities in European Projects for the University

**Head of Forest Engineering Department**  
**Vice Rector of Kastamonu University**

- Main activities and responsibilities

**Teaching activities**

B.Sc. program: Seed Technology and Seedling Propagation; Silviculture; Agroforestry;  
M. Sc program: Seedling Production; Seed Orchard, Forest Tree Improvement, Seed  
Technology; Planting in arid and semi-arid zones, Stand Structure, Conservation  
Practice in Forestry

**Research activities**

Research focused on seed science (germination, dormancy, testing, etc.), seedling production,  
and outplanting performance, seed orchard

**Mobility Activity in Europe**

10-16 April 2012: Visiting University of West Hungary, Faculty of Forestry in Sopron, Hungary  
under the LLP/Erasmus Programme (**Teaching Staff Mobility**).

29 January-4 February 2012: Visiting **University of Beira Interior, Covilha, Portuga** under the  
LLP/Erasmus Programme (**Staff Training Mobility Program**).

29 May-4 June 2011: Visiting Aristotle University of Thessaloniki, Faculty of Forestry and Natural  
Environment in Thessaloniki, Greece, under the LLP/Erasmus Programme (**Teaching Staff**

### **Mobility).**

- 6-13 June 2010: Visiting Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering in Romania under the LLP/Erasmus Programme (**Staff Training Mobility Program**).
- 26 April-2 May 2010: Visiting Zvolen Technical University, Faculty of Forestry under the LLP / Erasmus Programme (**Teaching Staff Mobility**).
- 19-26 July, 2009: Visiting Majella National Park in Italy related to Pan PARKS Certification Process and Experiences (**Technical Trip**)
- 7-13 September 2009: Visiting Retezat National Park in Romania related to Pan Parks Certification Process and Experiences (**Technical Trip**)
- 30 June-10 July, 2008: Visiting Niedersächsische Landesforsten Forest Enterprise related to Close to nature forestry, Harvesting System, Forest Nurseries, Selhorn, Bisbingen, Soltau, Germany (**Technical Programme**)
- 17-21 September, 2008: Visiting Central Balkan National Park in Bulgaria related to Pan PARKS Certification Process and Experiences (**Technical Trip**)
- 6-13 March, 2013: Erasmus Program to Maribor University (**Academic Visit**)

### **Some Projects**

- 1) Integration of the PAN Parks Practices in Europe to the Küre Mountains National Park (Leonardo da Vinci-VETPRO, since 2008) **as Project Coordinator – PAN PARKS CERTIFICATION**
- 2) **AS A FORESTRY EXPERT “BLACK SEA CONSERVATION AND FORESTRY NETWORK: TOWARDS LOCAL ACTION” AND MARKET-BASED MEASURES (2008) AS PROJECT CO-COORDINATOR AND FOREST EXPERT**  
- **“FSC” CERTIFICATION SEMINAR**
- 3) LONG TERM DEVELOPMENT PLAN OF ILGAZ MOUNTAIN NATIONAL PARK (2007-2008)- FORESTRY EXPERT
- 4) LONG TERM DEVELOPMENT PLAN OF ULUDAG MOUNTAIN NATIONAL PARK (2008)- FORESTRY EXPERT
- 5) NATURE PARK MASTER PLAN OF GELINCİK MOUNTAIN (2008-2009)- FORESTRY EXPERT
- 6) LONG TERM DEVELOPMENT PLAN OF ARTABEL LAKES (2011))-FORESTRY EXPERT
- 7) MASTER PLAN OF SUGLA LAKE AND SURROUNDED (2010) – FORESTRY EXPERT
- 8) MASTER PLAN OF ALTINBEK CAVE NATIONAL PARK (2011) – FORESTRY EXPERT
- 9) YEĞİRLİMAK BASIN PROJECT (2013-..) – FORESTRY EXPERT

### **International Publications:**

- AYAN, S., 2000.** “The Effects of Different Mediums on The Growth Of Oriental Spruce (*Picea orientalis* L.) Link.) Seedlings Produced in Enso-Pot Tubes” (Abstract), Forests and Society: The Role of Research ABSTRACTS OF GROUP DISCUSSIONS, vol. 2, Division 3, p.59, XXI. IUFRO World Congress, Kuala Lumpur, Malaysia.
- ULU, F., ÇETNER, N., EREN, N., **AYAN, S., 2002.** Results of the Field Stage in Third Year of Species and Provenances Trials of *Paulownia* Sieb.&Zucc. in Eastern Black Sea Region”, Proceedings IUFRO Meeting: Management Of Fast Growing Plantations, DIV. 4.04.06, p. 174-182, zmit.
- AYAN, S., SIVACIO LU, A., 2002.** Silvicultural Evaluations of Storm Damage of Fir (*Abies bornmülleriana* Mattf.) Stands in Ilgaz Mountains–Turkey” (Abstract), Symposium Ecological and Economic Benefits of Mountain Forests, Proceedings, p.38-39, Innsbruck-Austria.
- AYAN, S., SA LAM, N., SIVACIO LU, A., 2003.** *Paulownia* Sieb.&Zucc: A New Exotic Genus For Multi-Purpose Uses In Kastamonu–Turkey”, Decision Support For Multiple Purpose Forestry, A transdisciplinary conference on the development and application of decision support tools for forest management, University of Natural Resources and Applied Life Sciences, CD-Proceedings, Vienna-Austria.
- ÖLMEZ, Z., YÜKSEK, T., AYAN, S., 2004.** *Robinia pseudacacia* L. Plantation in Erosion Control Areas of Artvin Region, Turkey”, Agro-Environ 2004, Role of Multi-purpose Agriculture in Sustaining Global Environment, Proceedings, p.511-516, Udine-Italy.
- AYAN, S., EVK, H., BİLİR, N., 2005.** Grouping of Scots Pine (*Pinus sylvestris* L.) Seed Stand Populations in Western Blacksea Region of Turkey by Seedling Morphological Distance, Pak. Journal of Biological Sciences, 8 (11):1548–1552.
- AYAN, S., YAHYAO LU, Z., GERÇEK, V., AHN, A., 2005.** Utilization of Zeolite as a

- Substrates for Containerised Oriental Spruce (*Picea orientalis* L. (Link.)) Seedlings Propagation" (Abstract), International Symposium on Growing Media, p. 106, Angers-France.
- AYAN, S., TÜFEKÇİ LU, A., 2006.** Growth responses of Scots pine seedlings grown in peat-based media amended with natural zeolite", **Journal of Environmental Biology**, 27 (1):27-34.
- AYAN, S., SIVACIO LU, A., B.L.R, N., 2006** Growth Variation of *Paulownia* Sieb.&Zucc. Species and Origins at the Nursery Stage in Kastamonu-TURKEY, **Journal of Environmental Biology**, 27(3):499-504.
- B.L.R, N., PRESCHER, F. **AYAN, S., LINDGREN, D., 2006.** Growth Characters and Number of Strobili in Clonal Seed Orchards of *Pinus sylvestris*, **Euphytica**, 152 (2):293-301.
- AYAN, S., YAHYAO LU, Z., GERÇEK, V., AHİN, A., SIVACIO LU, A., 2006.** The Vegetative Propagation Possibilities by Soft Stem Cutting of Black Alder [*Alnus glutinosa* subsp. *barbata* (C. A. Mey.) Yalt.]" Pak. **Journal of Biological Sciences**, 9 (2):238-242.
- AYAN,S., SIVACIO LU, A. 2006.** Review of the Fast Growing Forest Tree Species in Turkey, **The Bulletin CIDEU**, 2: 57-71.
- AYAN,S., SIVACIO LU, A. 2007.** Experiences on the Fast Growing Forest Tree Species in Turkey (Abstract), **International Conference on Environment: Survival and Sustainability**, p. 77, 19-24 February, Nicosia-Northern Cyprus.
- AYAN, S., TLK, F., 2007.** Morphological Attributes of Oriental Spruce (*Picea orientalis* (L.) Link.) Seedlings Grown in Peat-Based Media Amended with Natural Zeolite, **Acta Agronomica Hungarica**, 55 (3) 363-373.
- SIVACIO LU, A., **AYAN, S., 2008.** Evaluation of seed production of scots pine (*Pinus sylvestris* L.) clonal seed orchard with cone analysis method, **African Journal of Biotechnology**, 7 (24), 4393-4399.
- AYAN, S. ÇELİK, H., 2009.** Effect of the Activation on Seed Germination of European Hophorbeam (*Ostrya carpinifolia* Scop.), **Forest, Wildlife and Wood Sciences for Society Development on Conference**, 6-18 April, Praha-ÇEK CUMHUR YET .
- AYAN, S., AKPINAR, N., ÖZTÜRK, S., BELKAYALI, S., EV K, H., KALAYCI, A., ACAR, S., BERBER, C., 2009.** The Evaluation of the Management Alternatives of Ilgaz Mountain National Park, International Conference on Plant & Environmental Pollution (ICPEP), p. 47, 6-11 July, 2009, Kayseri.
- SIVACIO LU, A., **AYAN, S., ÇELİK, D. A., 2009.** Clonal variation in growth, flowering and cone production in a seed orchard of Scots pine (*Pinus sylvestris* L.) in Turkey. **African Journal of Biotechnology**, 8 (17), 4084-4093.
- AYAN, S., EV K, H., ÖZTÜRK, S., KALAYCI, A., YER, E. N., ÇELER, E., 2009.** Anthropogenic Effects on The Uluda National Park Forest Eco-System, International Conference on Plant & Environmental Pollution (ICPEP), p. 49, 6-11 July, 2009, Kayseri.
- AYAN, S., Y T, N., ÇELİK, D. A., EV K, H., ÖZTÜRK, S., 2009.** The Woody Taxa in Different Endangered Category in Turkish Forestry and Conservation Practices, XIII. WORLD FOREST CONGRESS, **Buenos Aires-Argentina**.
- SIVACIO LU, A., **AYAN, S., 2010.** Variation in cone and seed characteristics in a clonal seed orchard of Anatolian black pine (*Pinus nigra* Arnold subsp. *pallasiana* (Lamb.) Holmboe), **Journal of Environmental Biology**, 31: 119-123.
- SIVACIO LU, A., **AYAN, S., ÇELİK, D. A., 2009.** Clonal variation in growth, flowering and cone production in a seed orchard of Scots pine (*Pinus sylvestris* L.) in Turkey. **African Journal of Biotechnology**, 8 (17), 4084-4093.
- Y T, N., **AYAN, S., EV K, H., 2010.** Genetic variation in Ta köprü-Tekçam Scots Pine (*Pinus sylvestris* L.) Clonal Seed Orchard According to Some Needles Characters, International Symposium on Biology of Rare and Endemic Plant Species, 26-29 May, 2010, Fethiye-Mugla/Turkey.
- EV K, H., **AYAN, S., Y T, N., 2010.** Genetic Variation in Hanönü (Kastamonu)-Günlüburun Anatolian Black Pine (*Pinus nigra* Arnold. subsp. *pallasiana* (Lamb.) Holmboe) Clonal Seed Orchard According to Some Needles Characters. International Symposium on Biology of Rare and Endemic Plant Species, 26-29 May, Fethiye-Mugla/Turkey.
- EV K, H., **AYAN, S., TURNA, ., YAHYAO LU, Z., 2010.** Genetic diversity among populations in Scotch pine (*Pinus silvestris* L.) seed stands of Western Black Sea Region in Turkey, **African Journal of Biotechnology** Vol. 9 (43), pp. 7266-7272.
- AYAN, S. BELKAYALI, N., UZUN, O., 2011.** Plan Decision Recommendations For Forest Habitat Planning And Landscape Management: "A Case Study In Turkey-Konya-Su İa Lake And Its Near Surrounding, Symposium on Ecosystem and Landscape-Level Approaches to Sustainability, 21-26 Mart 2011, Burgos- spanya.
- SARIYILDIZ, T., **AYAN, S., 2011.** Forest Management Practices Significantly Reduce the Attack Rate Of Bark Beetle *Ips typographus* on Oriental Spruce (*Picea orientalis* L.) Trees And Stands in Turkey, Symposium on Ecosystem and Landscape-Level Approaches to

- Sustainability, 21-26 Mart 2011, Burgos- spanya.
- ERTEK N, M., KIRDAR, E., **AYAN, S., 2011.** *Effects of tree ages, aspects and altitudes on some seed characteristics of Oriental beech (Fagus orientalis Lipsky.)* The 9th International Beech Symposium, Ecology and Silviculture of Beech, September 12-17, 2011, Dresden Technic University & IUFRO, Dresden-Göttingen, Germany.
- AYAN, S., BERBER, C., 2012.** Effect of Zeolite with Added Fertilizers on Flowering and Cone Production of Scots pine (*Pinus sylvestris* L.) Clonal Seed Orchard, Internation Forestry Conference on Forestry Science and Practices for the Purpose of Sustainable Development of Forestry – 20 Years of the Faculty of Forestry in Banja Luka, 1th-4th November, 2012, Banja Luka, Bosnai-Herzegovina.
- AK, A, YÜCEL, E., **AYAN, S., 2012.** Relationship between Seed Germination and Catalase Enzyme Activity of *Abies taxa* from Turkey, Kastamonu Univ., Journal of Forestry Faculty, 2012, Special Issue; 185-188
- AYAN, S., ACAR, S., YER, E. N., BULUT, A., 2012.** The Occurrence of Heart Rot on *Abies nordmanniana* subsp. *bommülleriana* Mattf. Trees in relation to Altitude, Kastamonu Univ., Journal of Forestry Faculty, 2012, Special Issue; 196-202.
- ÖZDEN, S., **AYAN, S., 2013.** Forest Crimes As A Threat To Sustainable Forest Management, **International Conference, Forest certification and protection from illegal logging – International and Russia aspect, 13-15 Nov, 2013, St. Petersburg, Russia.**
- YÜCEL, E., **AYAN, S. SIVACIO LU, A., 2013.** Evaluation of CITES and RTE (Rare, Threatened and Endemic) Species in the FSC (Forest Stewardship Council) Certification Projects in Turkey, **International Conference, Forest certification and protection from illegal logging – International and Russia aspect, 13-15 Nov, 2013, St. Petersburg, Russia.**
- AYAN, S., ÇELER, E., 2013.** Effects of Leonardite On The Morphological Characteristics of Bare Rooted Scots Pine (*Pinus sylvestris* var. *hamata*) Seedlings, **International Conference 85-Th Anniversary of Forest Research Institute, at The Bulgarian Academy of Sciences, 1-2 October, 2013, Sofia-Bulgaria.**
- ACAR, S., **AYAN, S., BAN, B., 2014.** Morphological and taxonomic investigations on a local endemic species: *Allium ilgazense* N. Özhatay, **Australian Jornal of Crop Science.** (Accepted)

#### **National Publications:**

- AVANO LU, B., **AYAN, S., DEMRC O LU, N., SIVACIO LU, A., 2005.** The Evaluation of 2+0-year old Black pine (*Pinus nigra* Arnold. subsp. *pallasiana* (Lamb.) Holmboe.) seedlings produced in Kastamonu-Ta köprü Forest Nursery according to the norms of Turkish Standards Institution, **SIGMA: Journal of Engineering and Science, Yıldız Technical University, 2, 73-83, stanbul** (in Turkish with English Abstract).
- AYAN, S., 1998.** The Characteristics of Peat; and The Improvement Activities, **Directorate of Eastern Mediterranean Forestry Research Institute, DOA Journal**, Ministry of Forests Publication number: 076, DAO Publication number: 7, No.4, p. 131-150, ISSN 1300-8544, Tarsus (in Turkish with English Abstract)..
- AYAN, S., 1998.** The effects of slow release fertilizer on the production of containerized-Scotch Pine (*Pinus sylvestris* L.), **Journal of Forest Engineering, 35 (9), 25-28, Ankara** (in Turkish).
- AYAN, S., 2000.** Some investigations on the trasportation difficulties of Enso-type containerized seedlings to the planting area; and on the ways of handling these problems, **Journal of Forest Engineering, 37 (4) 22-25, Ankara** (in Turkish).
- AYAN, S., 2001.** The Contributions of Aggregate Cultures to the Production of Forest Tree Seedlings, **1st National Forestry Congress of Turkey**, p. 453-463, Ankara (in Turkish with English Abstract).
- AYAN, S., 2002.** Determining the site condition features of Containerised-Oriental Spruce (*Picea orientalis* (L.) Link. ) seedlings; and setting the production Techniques, Ministry of Forests, the Institution of Eastern Black Sea Forestry Research, Ministry Publication number:179, Eastern Black Sea Forestry Studies (DKOA) Publication number: 14, **Technical Bulletin** Publication number: 11, Trabzon (in Turkish with English Summmry).
- AYAN, S., 2002.** The Usability of Zeolite as an Environment for Plantation, **5th Engineering Convention of GAP (Southern Anatolian Project) (Internationally-participated),**

- Proceedings, Vol. 2, p. 1580-1586, Urfa-Turkey (in Turkish with English Abstract).
- AYAN, S., 2002.** The Utilization of Zeolite Minerals in Seedling Plantation and in Afforestation Practices, **Journal of Faculty of Forestry of Gazi University**, 2 (1) 78-88, Kastamonu (in Turkish with English Abstract).
- AYAN, S., 2007.** Containerised Seedling Propagation, 7th Section (Editors: YAHYAO LU, Z. ve M. GENÇ; Seedling Standardization: Quality Seedling Propagation and Principals of Seedling Qualification Norms) Publication of Suleyman Demirel University, Pub. Nu: 75, p. 301-352, ISBN 978-9944-452-07-6, Isparta. (In Turkish)
- AYAN, S., BAHADIR, C., 1995.** Enso-pot Containerized Seedling Propagation and its comparison with the conventional methods of Seedling Production, **1st National Black Sea Forestry Congress**, Vol 4, p 126-133, Trabzon (in Turkish).
- AYAN, S., ÇELİK, D. A., 2009.** Bir Klonal Sarıçam (*Pinus sylvestris* L.) Tohum Bahçesinde Çiçeklenme Fenolojisi, K. Ü. Orman Fakültesi Dergisi, 9 (2) 106-123. (in Turkish with English Abstract).
- AYAN, S., FEYZO LU, F., DEMRC O LU, N., AKSU, V., 2005.** Growth Periods of Oriental Spruce seedlings (*Picea orientalis* Link.) in the Ecological Conditions of Trabzon-Of Forest Nursery. **Symposium on Spruce**, Vol. 1, p. 437-445, Trabzon (in Turkish with English Abstract).
- AYAN, S., HASANÇEB, ., GERÇEK, V., AHN, A., 1999.** The Evaluating the planting density of Alder Plantations of Central and Eastern Black Sea Regions, **Journal of Forest Engineering**, 36 (11) 4-8, Ankara (in Turkish).
- AYAN, S., KÜÇÜK, M., ÇETNER, ., ULU, F., YILMAZ, F., 2002.** Evaluation of the Performances of Several Natural Wood Species of Eastern Black Sea Region in Different Environs and Altitudes. **Journal of Education of Gazi University**, 10 (1) 187-194, Kastamonu (in Turkish with English Abstract).
- AYAN, S., KÜÇÜK, M., ULU, F., GERÇEK, V., AHN, A., SIVACIO LU, A., 2004.** The production possibilities of Several Natural Juniper species (*Juniper* L.) with the use of cuttings, **Journal of Forestry Faculty of Gazi University**, 4 (1) 1-12, Kastamonu (in Turkish with English Abstract).
- AYAN, S., MUTLU, Ç., KAYA, N., 2002.** Regeneration Objects in Subalpine zone in Kastamonu Region and Silvicultural Applications, **1st National Symposium of Turkey's Mountains**, p. 106-113, Kastamonu (in Turkish).
- AYAN, S., ÖZTÜRK, S., DEMRC O LU, N., 2009.** Karadeniz Bölgesi Milli Parklarının Korunan Alan A ı Sertifikasyon Sistemlerine Uygunlukları, K. Ü. Orman Fakültesi Dergisi, 9 (1) 66-79.
- AYAN, S., SIVACIO LU, ÖNER, N., DEMRC O LU, N., 2006.** Soil Amendments in The Arid And Semi-Arid Areas For Preserving The Plant Vigour, Türkiye'de Yarı Kurak Bölgelerde Yapılan A açlandırma ve Erozyon Kontrolü Uygulamalarının De erlendirilmesi Workshop, 7-10 Kasım 2006, Ürgüp-NEV EHR (with English Abstract)
- AYAN, S., TURNA, ., ACAR, C., 2000.** The effects of greenhouse and outdoor conditions on several morphological characteristics of Enso-type Scotch Pine (*Pinus sylvestris* L.) seedlings, **Journal of Eastern Anatolian Forestry Research Institute**, No.3, p. 64-76, Erzurum (in Turkish with English Abstract).
- AYAN, S., ULU, F., GERÇEK, V., ÖLMEZ, Z., 1998.** Of the Alluvial and Colluvial soils and of the Overflowing beds in Central and Eastern Black Sea Region, the most likely areas that are Suitable for Alder plantation, **Proceeding of Symposium on The Forest Ownership Problems in Eastern Black Sea Region**, p. 453-461, Trabzon (in Turkish).
- AYAN, S., ÇETNER, ., ULU, F., 2001.** Examining the Agriculture of Alder along with the Agriculture of Nut and Tea in Central and Eastern Black Sea Regions. **Journal of Forestry Faculty of Gazi University**, 1 (2) 269-280, Kastamonu (in Turkish with English Abstract).
- AYAN, S., GERÇEK, V., AHN, A., 2002.** The Performances of *Paulownia* Sieb. & Zucc. Species and Origins During the Nursery Stage, **Review of Forestry Faculty of Süleyman Demirel University**, Serial. A, 2 (1) 41-56, Isparta (in Turkish with English Abstract).
- B. L. R. N., AYAN, S., 2005.** Effectual Clone number in Oriental spruce (*Picea orientalis* Link.) Seed Orchards, **Symposium on Spruce**, Vol. 1, p. 457-464, Trabzon (in Turkish with English Abstract).
- ÇELİK, D. A., AYAN, S., 2009.** *Pinus sylvestris* L. Klonal Tohum Bahçesinde Çiçeklenme Varyasyonu, K. Ü. Orman Fakültesi Dergisi, 9 (1) 25-34. (in Turkish with English Abstract).
- ÇILGIN, ., AYAN, S., SIVACIO LU, A., KTÜEREN, ., 2007.** Cone and Seed Traits of Some Clones in Hanönü (Kastamonu)-Günlüburun Anatolian Black Pine (*Pinus nigra* Arnold. subsp. *pallasiana* (Lamb.) Holmboe) Seed Orchard, **Journal of Forestry Faculty of Kastamonu University**, 7 (2) 169-179 Kastamonu (in Turkish with English Abstract).
- DEMRC O LU, N., AYAN, S., 2004.** Growth Periods of Scotch Pine seedlings (*Pinus sylvestris* L.) in the Ecological Conditions of Kastamonu-Ta köprü Forest Nursery, **5th National Congress on Ecology and Environment**, Nature and Environment, p. 107-114, Bolu (in

- Turkish with English Abstract).
- DEMRC O LU, N., **AYAN, S.**, AVANO LU, B., SIVACIO LU, A., **2004.** The Evaluation of 2+0-year old Scotch pine (*Pinus sylvestris* L.) seedlings produced in Kastamonu-Ta köprü Forest Nursery according to the norms of Turkish Standards Institution, **Journal of Engineering, Faculty of Engineering, Pamukkale University**, 2 (10) 243-251, Denizli (in Turkish with English Abstract).
- ERTEKN, M., KIRDAR, E., **AYAN, S.**, **2009.** Bazı Büyüme Düzenleyicilerin Akdeniz Defnesi (*Laurus nobilis* L.) Fidanlarının Gelişimi Üzerine Etkileri, K. Ü. Orman Fakültesi Dergisi, 9 (2) 171-176.
- ERTEKN, M., KIRDAR, E., **AYAN, S.**, ÖZEL, H. B., **2009.** Bazı Büyüme Düzenleyicilerin Akdeniz Defnesi (*Laurus nobilis* L.) Fidanlarının Gelişimi Üzerine Etkileri, K. Ü. Orman Fakültesi Dergisi, 9 (2) 171-176. (in Turkish with English Abstract).
- FEYZO LU, F., **AYAN, S.**, **2002.** The Effects of Different Plant Growth Regulators on the Plantlet Development of Dogwood (*Cornus mas* L.), **Journal of Science Institution of Gazi University**, 15 (2) 533-556, Ankara (in Turkish with English Abstract).
- GERÇEK, V., **AYAN, S.**, AHN, A., AKSU, V., **2005.** The Vegetative Production facilities for Bearded-alder (*Alnus glutinosa* subsp. *barbata* L.), Ministry of Forests, the Institution of Eastern Black Sea Forestry Studies, Ministry of the Environment and Forests Publication number:179, Directorate of Eastern Black Sea Forestry Research, Publication number: 23, **Technical Bulletin** Publication number: 18, Trabzon (in Turkish with English Summary).
- GERÇEK, V., AHN, A., **AYAN, S.**, **2002.** The Effects of Different Hormone Concentrations on The Plantlet Development of *Sequoia Sempervirens* (Lamb.), **Journal of Education of Gazi University**, 10 (1) 173-180, Kastamonu (in Turkish with English Abstract).
- ÖNER, N., **AYAN, S.**, SIVACIO LU, A., MAL, B., **2006.** Definition of Aridity and The Methods For Determination of Arid-Semiarid Regions, Türkiye'de Yarı Kurak Bölgelerde Yapılan Aaçlandırma ve Erozyon Kontrolü Uygulamalarının Değerlendirilmesi Workshop, 7-10 Kasım 2006, Ürgüp-NEVŞEHİR (with English Abstract)
- ÖNER, N., **AYAN, S.**, SIVACIO LU, A., MAL, B., **2007.** **Urban Forestry and Environmentally Effects of Urban Forests**, Journal of Forestry Faculty of Kastamonu University, 7 (2) 190-203, Kastamonu (in Turkish with English Abstract).
- ÖZTÜRK, S., DEMRC O LU, N., **AYAN, S.**, **2004.** An ecological Approach for Open and Green Areas in The city of Kastamonu, **5th National Congress on Ecology and Environment**, p. 577-584, Bolu (in Turkish with English Abstract).
- AHN, H. A., **AYAN, S.**, **1999.** Evaluating the Field Performances of Enso-type containerised-Oriental spruce seedlings, **Symposium on Improve of Containerized Seedling Production and Tree Improvement Techniques in Turkey**, November 8-10, 1999, Marmaris (in Turkish).
- EVK, H., **AYAN, S.**, DEMRC O LU, N., SIVACIO LU, A., **2003.** The Evaluation of Bare-rooted and Broad-leaved Forest Tree Seedlings grown in Gökçöy Forest Nursery (province of Kastamonu) according to the norms of Turkish Standards Institution, **Journal of Forestry Faculty of Gazi University**, 3 (2) 233-245, Kastamonu (in Turkish with English Abstract).
- SIVACIO LU, A., **AYAN, S.**, **2008.** *Pinus nigra* J. F. var. *eneriana* (Saatçio lu) Yalt. (Ebe Karaçamı)'nın Yeni Bir Yayılış Alanı, K. Ü. Orman Fakültesi Dergisi, 8 (2) 97-102. (in Turkish with English Abstract)
- SIVACIO LU, A., **AYAN, S.**, ERGİN, Ö.F., ERTEKN, M., **2004.** Grafted-Seedling production of Pyramid-like Black Pine (*Pinus nigra* subsp. *pallasiana* var. *pyramidata*), **Journal of Forestry Faculty of Gazi University**, 4 (2) 232-242, Kastamonu (in Turkish with English Abstract).
- SIVACIO LU, A., **AYAN, S.**, GÜLEROL, B., **2007.** **The Effects of the Some Plant Growth Regulators on Morphological Traits of Scots Pine Seedlings**, Journal of Forestry Faculty of Kastamonu University, 7 (2) 155-168, Kastamonu (in Turkish with English Abstract).
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**EDUCATION AND TRAINING**

- Dates (from – to) 1992-1999
- Name and type of organisation providing education and training Karadeniz Teknik University, Science and Technology Institute  
Department of Forest Engineering (Silviculture and Aforestation)  
Doctorate Programme
- Principal subjects/occupational skills covered professions gained in forest tree seedling propagation, tree improvement, rehabilitation of un-productive forest
- Title of qualification awarded Dr.
- Dates (from – to) 1989-1990
- Name and type of organisation providing education and training Karadeniz Teknik University, Faculty of Forestry, Department of Forest Engineering,  
Post graduate program in Silviculture and Aforestation
- Principal subjects/occupational skills covered Academic and General English Course in Trabzon.
- Title of qualification awarded M. Sc. (1990)
- Dates (from – to) 1984-1988
- Name and type of organisation providing education and training Karadeniz Technical University
- Principal subjects/occupational skills covered Skills and professions gained in forest biology, ecology, environmental science, forest politics, economics, sociology, silviculture, communications and computing.

Diploma (1988)

**PERSONAL SKILLS  
AND COMPETENCES**

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

**MOTHER TONGUE  
OTHER LANGUAGES**

- Reading skills
- Writing skills
- Verbal skills

**DRIVING LICENCE(S)**

**TURKISH**

**ENGLISH**

Good  
Good  
Good

Car driving license cat B