

Curriculum Vitae

Dr. Achilleas F. Tsiroukis

Associate Professor



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Google scholar:

<https://scholar.google.com/citations?user=WkvMfl8AAAAJ&hl=en>

Researchgate:

<https://www.researchgate.net/profile/Achilleas-Tsiroukis>

STUDIES

1976-1979	Degree in Forestry, KATEE Larisa
1982-1984	Degree in Teacher's Training College of Larisa
1996-1999	Degree from the Faculty of Crop Sciences, Technological Institute of Larisa
2003-2008	Doctorate, Ph.D from the Department of Biology , Faculty of Botany, Department of Sciences from the National and Kapodistrian University of Athens (NKUA), awarded with an Honors Degree. PhD topic: Reproductive physiology and ecology of horse-chestnut (<i>Aesculus hippocastanum</i> .L.). Thesis Supervisor: Dr. Thanos K.
2003-2008	Attended and successfully passed courses as a PhD candidate of the Master's Degree Program of Doctorate theses from the Department of Biology of NKUA on the subject " Biodiversity and Ecophysiology of Mediterranean plants " Subjects: <ul style="list-style-type: none">• Plant physiology• Plant Ecophysiology• Plant developmental biology• Ecological systems

- Adaptive mechanisms of Mediterranean plants
- Entomology

2002-today

Certified instructor recognized from the National Accreditation Center for Institutes registered in the National Accreditation Center for Continuing Vocational Training (R. N: 402740 and protocol number 7394/26-04-2002), as an instructor for theoretical and practical part in the category 3212 (Agricultural and Forestry Technologists) and 3213 (Technologists-Farming and Forestry Applications consultants).

Scientific Expertise: “Forest Botany, with an emphasis on the reproductive Physiology and Ecology”.

PROFESSIONAL - EDUCATIONAL TRAINING

1986-1987

Attendance of the **professional – educational seminar** (1986-1987), in the Forestry Offices of Karditsa, Kalampaka, Katerini and Larisa on topics of the Administration of terrestrial ecosystems, organization of plant nursery work, works for wood collection and production of forest products, biomass exploitation etc.

9/1993-12/1993

Took part as a rapporteur in the program of professional training for the graduates of the Technological Institute of the departments of Forestry organized by the Technological Institute of Larisa in Karditsa, with the title “Restoration of degraded ecosystems. Forest conversions – Pine plantation conversion – Reforestation – plantations – Urban and suburban green”.

- Seminar for forestry technologists organized by the Technological Institute of Larisa, under the topic : “Wood constructions in works of restoration and exploitation of underdeveloped agroforestry ecosystems - Production and utilization of crops of woods”.

2/1999- 12/1999

- Centre of Professional Training of Stagon: Techniques of wood and furniture processing (on the field of “transportations & technical professions” and body code (ΣΕΚ-1-31403150). On the particular program, I taught the subjects of “Organization of the working environment, Hygiene and security of workers in the workplace”

RESEARCH-ACADEMIC EXPERIENCE

10/2019 - today	Associate Professor in a permanent organic post , University of Thessaly, Department of Environment, Larisa (OGG 1897/17-10-2019 τ. Γ').
5/2019 – 10/2019	Associate Professor in a regular position , University of Thessaly, General Department, Larisa (OGG 1685/15-05-2019/ τ. Β').
2/2019 – 5/2019	Inclusion in the non-transferable position of associate professor in the General Department of the University of Thessaly, based in Larisa (OGG 594/26-02-2019/ τ. Β').
11/2015 -2/2019	Member of Teaching and Research Staff, in a regular full-time position of Associate Professor, following advancement, (OGG 1127/06-11-2015/ τ. Γ') in the Department of Forestry & Natural Resources Management in the Technological Institute of Thessaly.
10/2008 – 11/2015	Member of Teaching Staff in a regular position of Assistant Professor, following advancement, (OGG 1007/30-10-2008) in the Department of Forestry & Natural Resources Management in the Technological Institute of Thessaly.
6/1987 – 10/2008	Inclusion in the rank of the Professor of Applications since 22-61987, in the Forestry Department of the Technological Institute of Larisa. (OGG 161/18-8-1987).
2/1985 – 6/1987	Designation in a permanent position of temporary Curator Rank in the Department of Forestry in the School Agricultural Scientists of KATEE/Larisa (OGG.20/1-2-1985).
2/1985 – 2/1987	Permanent position after a 2-year successful testing period based on the E5/2850/14-2-1987, decision of the Greek National Ministry of Education.
10/1981 – 2/1985	Associate educator (curator) in the Department of Forestry in the Technological Institute of Larisa.
10/1981 – 12/2021	Total recognized educational experience 41 years and approximately 4 months.
10/1979 – 8/1981	National Military Service in the Army (Infantry).

EDUCATIONAL-ACADEMIC TASKNCE

Organisation and Teaching of Courses

10/1981-9/2019	In the Technological Institute of Larisa , I taught on the whole, since 1981 and for almost 41 years a number of courses, some if which include: Forest Botany – Systematic Botany
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Biology (Morphology and Physiology of plants)
Forest Ecology
Applied Forestry
Forest Management (Land Ecosystems)
Flora and vegetation of mediterannean ecosystems
Forest Vegetation – Phytosociology
Protection of Forest Ecosystems – Forest Fires Management
Improvement of forest species
Urban and suburban greenery – City Forestry
Ecology - Environmental Protection
Seminars for Forest Topics – Natural Environment Management.

10/2019-today

At the **University of Thessaly in the Department of Environment**

Organisation and teaching of the courses:

- General Biology (T+L)
- Ecology (T)
- Terrestrial Ecosystems

SCHOLARSHIPS-DISTINCTIONS

1997-1998

Honorary Scholarship (NSO), of a program (1997-1998), for the distinction for the studies and the ethics during the school year 1996-1997 (1st year of studies) in the Department of Crop Production of the Technological Institute of Larisa.

PROFESSIONAL EXPERIENCE- RESEARCH ACTIVITY

1977 – 1978

Forestry Office of Larisa (4 months and 20 days)

11/1986-6/1987

Forestry Office of Larisa, Karditsa, Kalampaka and Forest Administration of Pieria.

2017 – 2018

Institutionally in charge for the Technological Institute.

Within the framework of the program “**TRIPROLEMOS**”, of the General Secretariat for Life-Long Learning & New Generation of the Ministry of Education, Research & Religions, for the 2017-2018 period.

10/2009-10/2010

University of Thessaly-Research Committee.

Within the framework of the program “Creation of innovative foods enriched with pharmaceutical plant extracts from the region of Kissavos”. Program of the Prefectural Municipality of Larisa 2009-2011, amounting to the cost of 50.000 €, under the scientific counseling of the professor Mr. D. Kouretas.

2/2007-2/2008

Department of Biology (Botany sector) - NKUA.

Within the framework of the following Research Programs under the scientific counseling of the Professor Mr. Kostas Thanos

- **ENSCONET** – European Native Seed Conservation Network (2004 – 2009). European Union, (6th Framework Programme for Research, Technological development and Demonstration – Co-ordination Action, Contact No. RICA-CT-2004-506109).
- **SEMCLIMENT** – Impact du Changement Climatique sur la Flore Mediterraneenne et Actions de Conservation (2006-2008). European Union, Interreg III B, Medocc 2005).

9/2006-9/2007

Developmental Corporation of the Prefectural Municipality of Larisa (DCPML).

“Research for the management and exploitation of the riverside forest ecosystems of Pineios River”, on behalf of the Prefecture of Thessaly.

1/2004-12/2008

Scientific Advisor in the research program of the Research Committee of the Technological Institute of Larisa entitled “Reproductive physiology and ecology of Horse Chestnut (*Aesculus hippocastanum* L.)”.

5/2004-3/2006

T.I. Larisa – Education and Research Committee

Within the framework of the research program entitled “Forest effective and environmental effects of the opening of forest roads in the natural ecosystems” (Archimedes Program – work package PE1).

1/2005-12/2006

T.I. Larisa – Education and Research Committee

Within the framework of the research program entitled “Organization of farm animals and development of semi-mountainous and mountainous pastureland in the prefectures of

Karditsa, Larisa and Magnesia- Creation of a system of surveillance of their implementation” (Environment-Archemedes II Program)

9/2003-8/2005

T.I. Larisa – Education and Research Committee

In the implementation of the program “Reformation-Upgrade and Modernization of the Undergraduate Program of the Forestry Department of the TI of Larisa (ΕΠΕΑΕΚ ΙΙ Γ’ ΚΠΣ), as the person in charge of the Forest Botany Laboratory , Plant Morphology and Physiology and Forest Ecology, for the development of educational material and of the courses of Forest Botany, Plant Morphology and Physiology and Forest Ecology, Applied Forestry, Research of Installment and Management of Urban Greenery and Special Environmental Research.

1997-1999

Α’ ΕΠΕΑΕΚ Ι.

Up grading of the syllabus of the Forestry Department of Karditsa (TI Larisa) and Karpurnisi (TI Lamia). Member of the composition team and Laboratory Manager in the packages: P2.3, P2.6, P2.7, and P1.4. (Composition Package P.E 2.3 /1999, p.65).

1999-2002

“Research for the determination of actions of adaptation of wood - furniture units to the data of the European market”, under the scientific surveillance of the professor Mr. I. Kakara.

1994-1998

“Research for the recording and assessment of wood-furniture units in Thessaly. Prospects for the development of the industry” for a duration of 5 years (1994-1998) under the scientific counseling of the professor Mr. I. Kakara.

2009-2017

T.I. Larisa – Education and Research Committee

Within the framework of the program “Internship of the students of the Forestry Department of Karditsa”(ΕΠΕΑΕΚ ΚΚ ’PS), as a member of the 3 member committee of internships of the students of the Department of Forestry and Management of Natural Environment of the TI of Larisa.

2006-2010

Special Scientific Advisor of the Governor of Larisa

On issues of Ecology- Green Management and Protection of natural Land Ecosystems with the aim of aiding and scientifically supporting the task of the Governor of Larisa on certain issues.

Current research activities and research interests:

- Ecology – Biology of the conservation of Biodiversity.

- Management of Land Ecosystems (forest and farm).
- Forest Botany, with an emphasis on the Reproductive Physiology and Ecology.
- Ecophysiology of Mediterranean plants.
- Sustainable development – Alternative forms of tourism (ecotourism –agrotourism).
- Morphology–Physiology of plants.
- Environmental Education.

Based on the Degree on Education:

- Education on the Viable/Sustainable Development
- Children and Adult Psychology of Learning
- Expression of Experiences of children and teenagers.

ADMINISTRATIVE WORK – PARTICIPATION IN COMMITTEES AND RESPONSIBILITY POSTS

- **President of the Department of Environment**, based on No. 16891/23/ΤΠ1/20-07-2023 (Government Gazette 794/t.Y.ODD./04-08-2023), Accreditation Act of the Rector of the University of Thessaly of the election of Tsiroukis Achilleas, Associate Professor of the Department of Environment, as **President of the Department**, with a term of office from 08-04-2023 to 08-31-2024.
- **Honorable member of the 5-member Board of Directors of the Hellenic Forestry Society (2022-2024).**
- **President of the Committee** of supplies pickup and services, project: 6392 (MODYELKE U. Th.), for the Department of Environment.
- Member of the ELKE of U.Th, for the Department of Environment, for the period 2020-2022.
- **Member of the assessment committee**, temporary educational staff for the department of Environment.
 - **Institutionally in charge (Coordinator) for the Technological Institute of Thessaly** with the program “**TRIPTOLEMOS**”, extract No 234/09-11-2017, of the TI of Larisa, period 2017-2018, with the responsibility of the realization of 4 seminars of Long duration.
 - **Deputy President of the Department of Forestry and Natural Environment Administration** of TI/Th, from 1-12-2017 to 30-11-2019, (prot. Number 6690/29-11-2017).
 - **Deputy Chief** in the Department of Food Technology after the homophonous decision of the council of the TI/L in September 2009 (pract. Numb. 411/31-8-2009)

- **Deputy Manager of the 3rd segment of courses** “Production, Management and Exploitation of Forest Resources” of the Forestry Department & NEA from 2009-2010 0 (prot.numb. 10074/2-11-2009)

- **Elected Tactical Chief in charge of the 3rd segment** of courses “Production, Management and Exploitation of Forest Resources” of the Forestry Department & NEA from 2010 – 2013 (Accredited action, prot. number. 1660 of the Chief of the Department)

- **Manager of the 3rd segment of courses** Production, Management and Exploitation of Forest Resources” of the Forestry Department & NEA in 2013.

- **President of the Committee of Student Dormitories** of the Department of Karditsa for a period of **3 years**. (2002-2003 and 2008-2010, prot. Number 8530/1-10-2008)

- **Member of the Disciplinary Council** of the members of EEDIP, EDIP, EPDIP & ETEP and of the rest of the helping, special and emergency teaching and educational staff of TI of Thessaly prot. Number 6526/4-11-2014»

- **Member of ELKE of the TI/Th**, of the Department of Forestry and Natural Environment Administration.

- **Member of the Council** of of the Department of Forestry and Natural Environment Administration for a number of years.

- **Member of the Senate** of the TI/Th as a Deputy President of the Department of Forestry and Natural Environment Administration for the school year 2018-2019.

- **President of the Committee** for the cleaning of the premises of the Department of Karditsa, of the Students Dormitories and of the Department of Trikala.

- **President of the Committee** for the security of the premises of the Department of Karditsa, of the Students Dormitories and of the Department of Trikala.

- **President of the Green committee** and for the installation of plants in the premises of the TI/L.

- **President or Member** of the Student Assessment committees for their preoccupation in the laboratories of the Department of Forestry & NEA.

- **President of the Committee** of the execution of a public open contest for the supply and installation of laboratory furniture to cover the needs of the laboratories of the departments of the offices of Karditsa of the TI of Larisa.

- **President or member** in a number of contests for a period of years.

Participation in Elected Bodies

1. **Member of the Elective Body** (substitute), based on the No. prot. 1/8-9-2023 Assembly of the Department of Forestry and Natural Environment, to fill the position of professor at the level of assistant professor with the subject "**Forestry**".

2. **Member of the Elective Body**, based on no. 17th/ 17.05.23 of the Assembly of the Department of Sustainable Agriculture of the University of Patras, for the filling of the position of Professor at the level of Assistant Professor with tenure, with subject (APP32038) **Natural capital, Plant Biodiversity and Ecosystem Services**.
3. **Member of the Elective Body**, based on no. 189/20-2-2023, invitation to a joint meeting of the Electoral Body and Assembly of the Department of Forestry and Natural Environment to fill one (1) faculty position at the rank of Associate Professor with the subject "**Forest Ecology with an emphasis on the post-fire succession of vegetation and the use of Remote Sensing for Terrestrial Ecosystems and Landscape Mapping**". (APELLA POSITION CODE: APP31276).
4. **Member of the Elective Body**, for the employment of a position DEP faculty position in the Degree of Associate Professor, with the subject "**Physiology of abiotic stresses of plants**", (position code APELLA: APR 25014), in the Department of Agriculture of the School of the International University of Greece (DIPAE), on (30-3-2022).
5. **Member of the Elective Body**, based on the decision No. Prot.: 1446/36469 of 6/7/2023, appointing a five-member evaluation committee for the filling of one (1) position of Researcher at level B (Principal Researcher), with the subject "**Forest Ecophysiology**" , of the Forestry Research Institute of the Hellenic Agricultural Organization - Dimitra.
6. **Member of the Elective Body**, based on the decision No. Prot. 1/21-12-2022 for the election of a faculty member. At the rank of Asst. Professor, with subject "**Forest Botany - Geobotany**", in the Department of Forestry and Natural Environment of DIPAE and position code, APP 26918.
7. **Member of the Elective Body**, for the employment of a position DEP in the Department of Environment of the Ionian University in the position of Deputy Professor on the cognitive topic of "**Natural Environment Administration and Viable Growth**" of the Department of Environment of the Ionian University. (POSITION CODE APELLA: APP20178). In the particular elective body, I was proposed as a member of a three person committee.
8. **Member of the Elective Body**, for the tenure of a permanent position of Mr. Spyridon Tsiftis, under the tenure of Assistant Professor of the Department of Forestry and Natural Environment of the International University of Greece on the subject of "**Forest Botany**" of the Department of Forestry and Natural Environment of DIPAE (position code APELLA: APP21438).
9. **Formation of a five-member judgment committee** for the filling of a position of one (1) post of Researcher in the 3rd grade (Appointee Researcher), on the field "Forest Species Physiology" of the Institute of Mediterranean & Forest Ecosystems of the Greek Farming Organization-Demetra with Protocol Number.: 57695/2067/2-11-2020.
10. **Member of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor on the field of "**Forest Botany-Geobotany**"(prot. Number 1905/9-4-2019).
11. **Member of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of "**Forest Botany-Geobotany**"(prot. Number 1905/9-4-2019).

12. **Member of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Forest Botany and Improvement of Forest Species**”. (Prot. Number 1072/11-12-2018)
13. **Member (regular), of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Forest Genetics and Improvement of Forest Species**” (prot. Number 1072/11-12-2018).
14. **Member (substitute), of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Forest Genetics and Improvement of Forest Species**” (prot. Number 1073/11-12-2018).
15. **Member (substitute), of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Forest Genetics and Improvement of Forest Species**”(prot. Number 1074/11-12-2018).
16. **Member (substitute), of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Forest Genetics**”(prot. Number. 1075/11-12-2018).
17. **Member of the Elective Body**, of the Department of Forestry &NRM of the TI/Th for the filing of one (1) position of Educational Research Staff in the position of Deputy Professor on the field “**Management of grazing on natural protected wetland**”. (Prot. Number 294/19-06-2018).
18. **Member of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Management of Forest Ecosystems- Forest Management**”. (Prot. Number 865/11-12-2017).
19. **Member (substitute), of the Elective Body**, of the Department of Forestry and Natural Environment AUTH for the filing of a post DEP in the position of Deputy Professor. on the field of “**Management of Forest Ecosystems- Forest Management**”. (Prot. Number 866/11-12-2017)
20. **Member (substitute), of the Elective Body**, of the Department of Forestry and Natural Environment of the TI N.M.Th for the election of a Research Position on the position of Deputy Professor on the field of “**Forest Botany**”. (Prot. Numb. 21/22-06-2017).
21. **Member of the Elective Body**, of the Department of Forestry and Natural Environment of the School of Agricultural Scientists and Food Technology and Nutrition of the TI/Central Greece for the filling of one (1) post of the Educational Position of Deputy Professor on the subject “**Forest Botany**” (Prot. Number. 1/27-04-2017).
22. **Member of a three-member appointment committee (Eleftheriadou- Konstantinou-Tsiroukis)** of the Department of Forestry and Natural Environment of the School of Agricultural Scientists and Food Technology and Nutrition of the TI/Central Greece for the filling of one (1) post of the Educational Position of Deputy Professor on the subject “**Forest Botany**” (Prot. Number. 1/11-05-2017).
23. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Larisa for the establishment in the post of Deputy Professor Mr. Stergios Adamopoulos on the subject “**Wood Technology- Wood material utility**».

24. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Larisa for the establishment in the post of Deputy Professor Mr. Georgios Zavakos on the subject “**Mountainous Water Arrangement – Hydrology**”.
25. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Larisa for the establishment in the post of Deputy Professor Mr. Michael Vrachnakis on the subject “**Meadow Management**”.
26. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Larisa for the establishment in the post of Deputy Professor Mr. Periklis Birtsas on the subject “**Wild Fauna Biology**”.
27. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Th for the establishment in the post of Deputy Professor Mr. Georgios Efthimiou on the subject “**Protected Areas**”
28. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Th for the establishment in the post of Deputy Professor Mr. Antonios Karageorgios on the subject “**IT Applications**”
29. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Th for the advancement of the Applications Professor Mr. Antonios Karageorgios on the subject “**IT Applications**”.
30. **Member of the Elective Body**, of the Department of Forestry & NRM of the TI/Th for the advancement of the Applications Professor Mr. Georgios Efthimiou, on the post of Deputy Professor on the subject “**Protected Areas**”.
31. **Member of the 3-member appointment committee** for the advancement of the Applications Professor Mr. Georgios Efthimiou on the post of Deputy Professor on the subject “**Protected Areas**”.

Appointment of 3-membered Consulting Committees for the composition of doctorates.

1. **Member of the three-membered consulting committee** of the PhD candidate **Gerbetsioti Grammatia** on the Phd topic “Adoption of environmental activities at Schools: Analysis of Social Networking, Culture and Leadership.” (**Pract. Number.24/17-06-2020**).
2. **Member of the three-membered consulting committee** of the PhD candidate **Kefala Evanthia** on the Phd topic “Strategic Growth of an Open Live Laboratory of Sustainability” (**pract. Number 24/17-06-2020**).

Other Scientific Activities

- **Member of the Organizing and Scientific Committee** of the 20th and 21st Panhellenic Forestry Congress

- **Judge of scientific papers** on the 20th and 21th Panhellenic Forestry Conference.
- **Supervisor of numerous dissertations** in the Department of Forestry and Natural Environment Administration of the TI/Th from 1985-2019.
- **Member of the 3-membered Examination Committee** of a number of dissertations, in the Department of Forestry and Natural Environment Administration of the TI/Th from 1985-2019.
- **Honorary Member of the five-member Board of Directors of the Hellenic Forestry Society**
- Member of the Greek Botany Association
- Member of the Forestry Association
- Member of the Greek Animal Association
- Member of the Greek Ecology Association
- Member of the Greek Association for Biology Studies (EEBE)
- Member of the interdisciplinary Association of Psycho-bioanalytical research of Larisa
- Member of the Chanters Association of Larisa and volunteer Chanter of the holly Churches of Larisa and TI of Thessaly.
- Member of the Administrative Council of the School of Byzantine Music of the holly Cathedral of Larisa.
- Volunteer blood donor for the holly Cathedral of Larisa
- Member of the Panthessalic center of Environment
- President for 4years of the children camp of St. Demetrios in Stomio, Larisa of the Prefecture of Larisa
- Member of the Cultural Association of Achilleion-Larisa
- Member of the Administrative Council of the Sports Association “Proteas” of Achilleion Larisa.

Book Writing

1. Tsiaras, S., & **Tsiroukis, A. (2023)**. Environment and Sustainable Development [Undergraduate textbook]. Kallipos, Open Academic Publications. <http://dx.doi.org/10.57713/kallipos-130>. ISBN: 978-618-5726-09-6
2. Aretos B., Vergos S., Poleze Ch., and **Tsiroukis A. (2015)**. “**The average Forest School of Agia. A hundred years (1915-2015) from its founding**». (Book. Giahoudi Publications, (1st/2015) ISBN: 978-618-5092-14-6), p. 175. Eudoxos Code: 50659698.

Writing Work - Research Monograph

A'(Doctorates – Theses)

1. **Tsiroukis Ach. (2008).** “*Reproductive Physiology and Ecology of the horse chestnut (Aesculus hippocastanum.L.)*”. **Doctorate** on the National and Kapodistrian University of Athens, awarded with an Honors Degree, pages 270, (with Summary in English). - Supervising Professor: Dr. Kostas Thanos).

B'(Bachelor theses)

1. **Tsiroukis, A. (1999).** “**The cultivation of vitiligo, as an alternative cultivation suggestion in modern farming**”. **Dissertation**, on the Department of Plant Production of the TI/L.
2. **Tsiroukis A. (1987).** “**Natural and artificial drying of wood**” **Thesis** for the advancement on the post of the Applications Professor based on the Minister’s decision (E5/7173/84.)
3. **Tsiroukis A. (1984).** “**Disorder factors in children’s learning and behavior**”. **Thesis**, for the Teachers’ Training College in Larisa.
4. **Tsiroukis Ach. (1979).** “**Forest plantation in the region of delta of Pineios River**”. **Thesis** for the Forestry Department KATEE/L.

B' Writing of Distinguished educational Notes in the TI/L-Research Monographs

1. **Tsiroukis Achilleas, (1988).** (**Wood utilization**) – “**Harvesting of forest products.** Educational Notes of Theory and Laboratory. Publication of TI Larisa, Forestry Department p. 105.
2. **Tsiroukis Achilleas, (1988).** (**Wood utilization**) – “**Structure and Qualities of wood**” Educational Notes of Theory and Laboratory. Publication of TI Larisa, Forestry Department, p. 147.
3. **Tsiroukis Achilleas, (2004).** “**Tree Measurement**”. Educational Notes of Theory and Laboratory. Publication of TI Larisa, Forestry Department p. 197.
4. **Tsiroukis Achilleas, (1988).** “**Accident prevention**”. Educational Notes of Theory and Laboratory. Publication of TI Larisa, Forestry Department p. 123.
5. **Tsiroukis Achilleas, (1997).** “**Forest equipment and forest transport premises**”. Educational Notes of Theory and Laboratory. Publication of TI Larisa, Forestry Department p. 130.

B. In the Vocational Institute of Larisa:

1. **Tsiroukis Achilleas, (1992).** “**Hygiene and safety in the workplace– Environmental Protection**”. Educational Notes of Theory and Laboratory. Publication of TI Larisa, Forestry Department. p. 139.

Publications in International Journals and Proceedings of International and National Conferences with judges:

1. **Tsiroukis, A.,** Georgiou, K., Aretos, B., Angelakopoulos, I. and Thanos, A. K. (2023). "New data on the natural distribution of the Horse Chestnut (*Aesculus hippocastanum* L.) in Greece. (under publication).
2. Trakala, G.; **Tsiroukis, A.**; Martinis, A. (2023). **Eco-Cultural Development of a Restored Lake Environment: The Case Study of Lake Karla (Thessaly, Greece).** *Land* 2023, 12(6), 1227; <https://doi.org/10.3390/land12061227>
3. Trakala, G., Martinis, A. Karris, G., **Tsiroukis, A.**, Minotou, Ch. (2023). **The Contribution of Environmental – Cultural Routes to Environmental Tourism, (2023).** Journal of Environmental Management and Tourism. DOI: [https://doi.org/10.14505/jemt.v14.5\(69\).24](https://doi.org/10.14505/jemt.v14.5(69).24)
4. Trakala, G., Martinis, A. & **Tsiroukis, A. (2023).** "The contribution of Environmental - Cultural Routes (Pathways) to Environmental Education". Presentation at the International Conference, "Digital Technologies, Common European Cultural Heritage, and Sustainable Development" within the framework of the Irschen program.
5. Martinis, A., Poirazidis, K., Skiadaresis, A.-F., Apostolopoulos, P., Polymeris, G., Minotou, Ch., & **Tsiroukis, A. (2023).** "Monumental Olive Trees in the Ionian Islands – A first Extensive Age Estimation Analysis". Presentation at the 11th Panhellenic Conference of the Hellenic Ecological Society (HELECOS-11), Patras, 4-7/10/2023.
6. **Tsiroukis, A.**, Trakala, G., Martinis, Ar., Minotou, Char., and Zaga T. (2023). **The contribution of environmental education to endangered endemic plants. The case of the horse chestnut (*Aesculus hippocastanum* L.) in Mavrovouni.** Presentation at the 21st Panhellenic Forestry Conference. Loutra Edipsos 22-25/10/2023.
7. Trakala, G., Martinis, Ar., Zagaz, T., Karris, G., and **Tsiroukis, A. (2023).** **The multi-thematic paths, as a tool of P.E. suggested educational routes in the area of Lake Karla - Mavrovouni.** Presentation at the 21st Panhellenic Forestry Conference. Loutra Edipsos 22-25/10/2023.
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 35. Vergos, S., Athanasiou, Z., Aretos, B., Bougoulia, S., Nikou, N., Ksistras, D., Papadopoulos, A. and **Tsiroukis, A. (2007).** (Research in registration and evaluation of damage in forestry ecosystems from the construction of forest roads. This research examines the case of a road in the forest of Zy gogianeika – Paratiritirio in the area of Lake N. Plastira). Conference Minutes p. 197-209, Vol. I. 13th Panhellenic Forestry Conference. Kastoria, October 2007.
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5. Thivaïou S. Konstantinos and Evripidis Dimoulas, Elli Velliou, Theodora Papadimitriou, Konstantinos Zampakas, Christos Papamanthos, Vasiliki Papakrivou, Christos Avgerinidis, **Achilleas Tsiroukis**, Vasiliki Exarchou, Nektaria-Filitsa Agrafioti, Sultana Chouvarda, Christos Mpampalis, Eirini-Chrisovalantou Drosinou, Vasiliki Zisopoulou, Evangelia Ioannidi, Koutzeklidou Vasiliki, Dionisios Mparmpakas, Dimitrios Liovas) **(2019).** **“Creation of educational material during the gender learning needs of the child” 10th International Conference in Open & Distance Learning - November 2019, Athens, Greece – PROCEEDINGS.**
6. Nintou A., Dimoulas K., Papadimitriou Th., Dimoulas E., Velliou E., Mparmpakas D., Avgerinidis Ch., Agrafioti N.-F., Papaparisi S., Trigkas I., **Tsiroukis, A.**, Drosinou E.-Ch., Zampakas K., Thivaïou S., Ksagremmenakos S., Zisopoulou B., Georgousis E., Zarkadoulas N., Liovas D. **(2019).** **“The role of the habit in the identification of expression”.** 22nd International Conference of Physical Education and Sports & 1st Conference For Erasmus+ Sport Programme W4al - «Walk for all for life» 12-14/4/2019.
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12. Dimoulas K., Makri Aik., Nima B., **Tsiroukis A.**, Papadatou Ev., Liovas D., Dimoulas Ev., Papadimitriou Th., Vainas K. And Pharmakis N.(2011). **“Communication difficulty between students with special needs due to bad interpretation among others”**.

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Conferences – Seminars – Conventions (papers presentations)

1. Kakaras I. and Tsiroukis A. (1997). Conference on the topic: ***“The field of furniture-wooden constructions in Larisa. Current situation-prospects- technological advancements”*** December 1997, Presentation in a conference in the Conference Centre of the TI-Larisa.
2. Tsiroukis A. (1999). Conference on the topic **“Accidents at work and professional diseases during the primary and secondary processing of wood and its by-products. - Prevention Measures”**. Presentation on a conference in KENAKAP Kalampaka.
3. Tsiroukis A. (2004, 2005, 2006). ***“The reproductive physiology and ecology of the horse chestnut” (Aesculus hippocastanum L.)***. Presentations on seminars of the Botany Sector of the Biology Department of the NKUA.
4. Tsiroukis A. (2005). **“Species of the greek fauna with an unorthodox behavior of sperms”** Presentation in seminar of the Botany Sector of the Biology Department of the NKUA.
5. Tsiroukis A. (1998). ***“The creation of resin of the pine Aleppo and its resin by-products”***. Presentation on a seminar in the TI of Larisa, Department of Plant Production.
6. Tsiroukis A. (2004). ***“The sensitivity (dehydration) of drying during the development of sperm in orthodox and unorthodox (heretic) species”*** Master on Developmental Biology. Presentation in a seminar of the Botany Sector of the Biology Department of the NKUA.
7. Tsiroukis A. (2016). ***“Urban Green”***. Presentation in a conference for the World Forestry Day. (Kallithiro).
8. Tsiroukis A. (2004). ***“Cameraria ohridella and its effects on the plant-host Aesculus hippocastanum L.”*** Master paper on Entomology. Presentation on a seminar of the Botany Sector of the Biology Department of the NKUA.
9. Kakaras I. and Tsiroukis A. (1999). **“Organisation of the laboratory part of the education”** in the Forestry Department, Department of Karditsa, TI Larisa, Program EPEAEK.

Innovative Forestry applications-researches:

- 1. Tsiroukis A. (2000).** Innovative research of forest management entitled: “Special computer program for the creation a research inventory of the wood supply in forest clusters, with a processing of the data of the countryside through a computer”.
- 2. Tsiroukis A. 2001).** Research entitled“ Characteristics of forest trees and bushes and their applications in the landscape architecture” (CD-ROM – (innovative application).
- 3. Tsiroukis A. (2007).** “Research of management and exploitation of the riverbank forests of Pines river”. (A’ & B’ part).
- 4. Tsiroukis A. (2008).** “Forest Botany: Description, demands, qualities and identification keys of forest trees and bushes”(CD-ROM – e-class).
- 5. Tsiroukis A. (2013).** “Landscape Architecture CAD_7000».