

**CURRICULUM VITAE**

**Dr. VIRON A. TANTOS**

**ASSISTANT PROFESSOR**

**THE DEPARTMENT OF FORESTRY  
TECHNOLOGICAL EDUCATIONAL INSTITUTE OF LARISSA  
BRANCH OF KARDITSA**

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## A. PERSONAL DETAILS, STUDIES

1. **Name:** TANTOS BYRON

2. **Place of birth:** Karditsa, 20-7-1948.

### 3. Studies

EDUCATIONAL INSTITUTION	DEGREES	SUBJECT OF STUDIES
DEPARTMENT OF AGRONOMY, UNIVERSITY OF ATHENS	GRADUATE	AGRONOMY
ARISTOTLE UNIVERSITY OF THESSALONIKI	Ph.D	FOREST SOIL SCIENCE

## B. PROFESSIONAL AND ADMINISTRATIVE WORK

1. From October 1976 until June 1980 I worked as a part-time **professor in the department of Agronomy of the Technological Institute of Larissa** teaching the courses: Botany, Fytotechnology and main Soil Science.

2. In June, July, August, September, October and November of the years 1976, 1977, 1978 and 1979 I worked as a Director in the Sector of **Agronomy** in the region of Larissa.

3. In September 1980 I was appointed to be a teacher of **Agronomy in Technical High Schools** where I worked until June 1987 teaching Agronomy.

For two years (1983-84 and 1984-85) I worked as a **Director** in the Technical Lyceum of Sofades and for one year (1986-87) as a **Deputy Director of** the United Polycladic Lyceum of Karditsa.

4. In August 1987 I was appointed to be a Professor of Applications in the Technological Institute of Larissa and precisely in the department of Forestry in Karditsa being responsible for the subjects of Forest Soil Science, Geology-Mineralogy-Petrology and Meteorology-Climatology.

5. In September 1990 I became an **Epicure Professor**.

6. According to FEK number 36/15-2-2002 I became an **Assistant Professor**.

7. According to FEK number 269/26-10-05 I became an **Professor**.
8. From 1-9-2008 I am head of the Department of Forestry and Management of Natural Environment of Branch of Karditsa of Technological Institute of Larissa.
9. Since 1999 I have been a **Deputy Head** of the new Department of Design and Technology of Timber and Furniture and a **Deputy of the person in charge** for the creation of the new Department, within the framework of the EPEAEK program, "Development of education in universities", energy 3.3.z..
10. I have attained a certification as a teacher from EKEPIS (number of meeting :184).

## **C. RESEARCH – SCIENTIFIC WORK**

### **C.1. Being in charge in research programs**

- From 1994 until 1998 I was responsible for a five years research program of the Technological Institute of Larissa titled: **A Research of the dynamics of the nutritious elements and their effective use in the ecosystems of firs**. Within the framework of the program I completed the work with the number E.2.2.1.
- Since 1999 I have been responsible for a four years research program of the Technological Institute of Larissa titled: **A Research of the effect of reforestations to soil conditions**. Within the framework of the program I completed the work with the number E 2.1.5., E 2.2.2.
- From 1989 until 1998 I was a member of a ten years research program of the Technological Institute of Larissa titled: **A Research of the causes of lack of natural revival in clumps of Pinus nigra in Avdeli region in forestal clumps of Perivoli, Grevena**. Within the framework of the program I completed the work with the number E.2.1.1.
- Since 1999 I have been a member of a five years research program of the Technological Institute of Larissa titled: **A Study of the surface soil resistance concerning its protection from deterioration**. Within

the framework of the program I completed the work with the number E.2.2.3.

- Since February 2000 I have been a Scientific Collaborator of the program LIFE, which is still in progress.
- From 1-1-1999 until 31-8-2002 I was a Deputy of the person in charge for the work: **Founding the new Department of Design and Technology of Timber and Furniture**, within the framework of the program "DEVELOPING EDUCATION IN UNIVERSITIES" of KPS-EPEAEK.
- I am a member of the work team for the work of 2nd KPS-EPEAEK with the title: **Upgrading the studies' schedule of the Departments of Sylviculture (Technological Institute of Larissa) and Karpenisi (Technological Institute of Lamia), energy 3.1.a – Studies' Schedule – Books.**
- I am a member of the committee that draws up the study of the goals and applications for **the Foundation of the new Department of Technology of Timber and Furniture in Karditsa which belongs to the Technological Institute of Larissa.**
- I am in charge for the EPEAEK program "Reformation of the Undergraduate Studies" titled: Reformation and adaptation of the program of undergraduate studies of the Department of Design and Technology of Timber and Furniture of the Technological Institute of Larissa to new requirements.
- I was in charge for the research program titled:" Market research for designing programs of furniture on PCs from 20-3-2002 until 31-12-2002 (number of records approval 213/19-3-2002 of a special seven-members organ of the EEC)
- **I have been in charge for the research program titled:** "A Handbook of Quality of used raw material of timber and products of timber in furniture manufacture" from 1-6-2003 until 20-7-2003. (number of records approval 235/3-6-2003 of Special Seven-member Organ of EE)

- Since 2003 I have been in charge of a three years research program of the Committee of Education and Research of the Technological Institute of Larissa titled: **The effect of soil conditions in the structure of fauna soil.**

## **C.2. Participation in scientific congresses-seminars**

- 1992, 4-6 March, Kalamata.  
Participation in the Pan-Hellenic Forestry Congress.
- 1992, 6-9 May Edessa,  
Participation in the 4<sup>th</sup> Land Congress
- 1994, 25-27 May, Xanthi.  
Participation in the 5<sup>th</sup> Land Congress
- 1996 29 May -1 June, Nafplio.  
Participation in the 6<sup>th</sup> Land Congress
- 1996, 28-29 May, Athens.  
Participation in a seminar of Agrometeorologia
- 1998, 27-30 May, Agrinio.  
Participation in the 7<sup>th</sup> Land Congress reading my research work number E2.2.1.
- 2000, 21-23 September, Kavala,  
Participation in the 8<sup>th</sup> Land Congress
- 2001, 2-6 October, Sofia, Bulgaria  
Participation in the 3<sup>th</sup> Balkan Scientific Congress reading my research work number E2.2.2 and E2.2.3.
- 2002, 22-24 September, Athens  
Participation in the 9<sup>th</sup> Land Congress
- 2003, 9-11 September, Bourgas Bulgaria  
Participation in the 5<sup>th</sup> International Symposium TECHNOMAT and INFOTEL 2003, with my research work with the number E.2.2.4., E.2.2.5. and E.2.2.6.
- Participation in the International Scientific Conference of the Bulgarian Academy of Sciences reading my research works number E 2.2.7., E 2.2.8. and E 2.2.9.

- 2004, 22-23 September, Glaskovi skotias

Participation in the Scottish Education and Teaching with Technology

- 2004, 10-12 November, Volos

Participation in the 4th Pan-Hellenic Rangeland Congress my research work number E2.2.11

2005, 2-5 October, Drama

Participation in the 12th Pan-Hellenic Forestry Congress my research work number E2.2.12.

2006, 4-7 October, Arta

Participation in the 11th Pan-Hellenic Soil Congress my research work number E2.2.14.

- 2007, October, Kastoria

Participation in the 12<sup>th</sup> Pan-Hellenic Forestry Congress my research works number E2.2.15, E2.2.16, E2.2.17.

- 2008, 24-26 October, Pyrgos Hlias

Participation in the 12<sup>th</sup> Pan-Hellenic Soil Congress my research work number E2.2.18.

### **C.3. Other scientific work**

#### **C.3.1. Member of scientific companies**

I am a member of the following scientific companies:

- Greek Soil Company
- Geotechnical Chamber Greece
- International Union Soil (IUSS)

#### **C.3.2. Collaboration with scientific institutions – institutes of development**

1. Collaboration with the laboratory of Forestal Soil Science of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki.
2. Collaboration with the laboratory of Agricultural Zoology and Entomology of the Agronomic University Athens.

3. Collaboration with the international Organisms of research, qualitative control and certification of timber and furniture: 1. AIDIMA (Valencia Spain) 2. Furniture Industry Research Association (FIRA), I participated to organise the Laboratory of Qualitative control of Furniture and Timber construction of the new Department of Timber and Furniture of the Technological Institute of Larissa.

#### **D. Teaching Experience**

I have been teaching since 1987 until today in the Department of Forestry of Karditsa of the Technological Institute of Larissa the courses: Forest Soil Science, Meteorology-Climatology and Geology-Mineralogy-Petrology.

I have written and handed out to the students of the Department of Silviculture the following notes:

D.1. TANTOS V. 2003. Notes of Forestall Soil Science. Department of Forestry Technological Institute of Larissa. Pages 154.

D.2. TANTOS V. 2003. Notes of Laboratories of Forestal Soil Science. Department of Forestry Technological Institute of Larissa. Pages 110.

D.3. TANTOS V. 2003. Notes of Meteorology-Climatology (theory and laboratories). Department of Forestry Technological Institute of Larissa. Pages 193.

D4. TANTOS V. AND PAPAIOANNOU A. Forestall Soil Science. Karditsa 2006. Pages 154.

#### **E. WRITING**

##### **E.1. Postgraduate studies**

**E.1.1. TANTOS BYRON (1997).** The Recycling of nutrients in a fir ecosystem. (*Abies borisii regis* Matf.). PhD thesis, Aristotle University of Thessaloniki. Pages 159.

##### **E.2. Publishing written work**

###### **E.2.1. In magazines with critics**

E.2.1.1. Vergos S., Xistras D., Chouliaras N., **Tantos B.** 1992. Research on the causes of lack of natural regeneration of black pine forests in the region



of Avdelli, Grevena. Geotechnical Scientific Issues volume 3, issue No 4/1992, page 5-20.

E.2.1.2. **Tantos B.** and Papaioannou A. 2000. The effect of forest species on the accumulation and distribution of organic matter and nutrients on forest ground. Forest Research, volume 13, page 44-49.

E.2.1.3. Alifragis A., **Tantos B.**, Papaioannou A. 1996. The movement of nutrients in *Abies borisii regis* (Matf.). Scientific Annals, of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki. Volume ΛΘ/1- VOL. 39/1, page 81-97.

E.2.1.4. **Tantos B. 2000.** The distribution of organic matter and nutrients in fir ecosystems ( *Abies borisii regis* Matf.). Geotechnical Scientific Issues, volume 11 issue II, No 3/2000 page 272-280.

E.2.1.5. **Tantos B.**, Papaioannou A., Gakis S., Seilopoulos D. 2002. The impact of grasslands and the forest vegetation on soil chemical properties forty years after a forest fire. Geotechnical Scientific Issues, volume 13 issue II, No 1/2002, page 28-36.

E.2.1.6. Stergios Gakis, **Byron Tantos**, Athanasios Papaioannou, Stamatis Kostakis. 2003. Organic Matter and Nutrients Accumulation under *Abies borisii-regis* and *Pinus nigra* Stands. Scientific Research Papers: Forest Ecology Journal of Balkan Ecology, vol. 6, No 1, page 57-63.

E. 2.1.7. Antonios N. Papadopoulos, George A. Ntalos, Kostas Soutsas, **Vyron Tantos**. 2005. Bonding behaviour of chemically modified wood particles for board production. Holz als Roh-und-UND Werkstoff (2005). Doi 10.1007/s00107-005-006-7.

E.2.1.8. G. Tsiouvaras, P. Platis, A. Ainalis, I. Meliadis, I. Karmiris, P. Sklavou, **V. Tantos** and Z. Athanasiou. 2007. Monitoring and analysis of the vegetation in the area of Argitheia, Central Greece. OPTIONS Mediterraneennes.

## **E.2.2. In records of congresses with critics**

E.2.2.1. **Tantos B.**, Alifragis D, Tsiontsis A., Chouliaras N. 1998. The Recycling of nutrients in a fir ecosystem. (*Abies borisii regis* Matf.). Records of the 7 th Pan-Hellenic Soil Congress. Agrinio 1998 page 323-335.

- E.2.2.2.** Papaioannou A, Gakis S. **Tantos B.** 2001. A study of soil conditions forty years after the destruction of the vegetation by a forest fire. THIRD BALKAN SCIENTIFIC CONFERENCE “Study, conservation and utilization of forest resources” Sofia 2001. Volume III, page 205-212.
- E.2.2.3. Chouliaras I. G., **Tantos B. A.** 2001. The influence of soil properties on the erodibility of cohesive soil. THIRD BALKAN SCIENTIFIC CONFERENCE “Study, conservation and utilization of forest resources” Sofia 2001. Volume III, Page 223-235.
- E.2.2.4. George A. Ntalos, Antonios N. Papadopoulos, **Byron A. Tantos** and Ioannis G. Chouliaras 2003. The potential of using flax and vine chips as an alternative to lignocellulosic raw materials for particleboard manufacture. 5<sup>th</sup> International Symposium TECHNOMAT & INFOTEL 2003, Bourgas, Book 1, page 3-6.
- E.2.2.5. **Byron Tantos**, Stergios Gakis, Athanasios Papaioannou, George Ntalos, Ioannis Chouliaras 2003. Organic matter and nutrients accumulation under a maquis ecosystem in central Greece. 5<sup>th</sup> International Symposium TECHNOMAT & INFOTEL 2003, Bourgas, Book 1, page 7-12.
- E.2.2.6. Ioannis G. Chouliaras, **Byron A. Tantos**, George A. Ntalos and Xenia A. Metaxa 2003. The influence of soil condition on the resistance of cohesive soil against erosion by overland flow. 5<sup>th</sup> International Symposium TECHNOMAT & INFOTEL 2003, Bourgas, Book 1, page 13-20.
- E.2.2.7. **B.A. Tantos**, J., Barboutis, G.A. Ntalos, I.G. Chouliaras. 2003. Utilisation of individual fir for particleboard production. Solution or deterioration for the ecosystem. International Scientific Conference the Bulgarian Academy of Sciences, Sofia, Book 1, page 352-357.
- E.2.2.8. I.G. Chouliaras, B.A. **Tantos** and G.A. Ntalos. 2003. A study on the influence of vegetation cover on the erosion of cohesive soil. Conference of the Bulgarian Academy of Sciences, Sofia, Book 1, page 105-112.
- E.2.2.9. Stergios Gakis, Athanasios Papaioannou, **Byron Tantos**, Stamatis Kostakis. 2003. Organic matter and nutrients accumulation on the surface soil of *Abies borisii-regis* Mattf. and *Pinus nigra* Arn.Stands. Conference of the Bulgarian Academy of Sciences, Sofia, Book 2, page 295-299.
- E.2.2.10. **Viron Tantos**, Alexandros Tsionsis, Stergios Gakis, Athanasios Papaioannou. 2004. Accumulation and distribution of organic matter and

nutrients in the soil of *Pinus nigra* Arn. And *Abies borisii* Regis Mattf. Ecosystems. Conference EUROSIL 2004 September, 4-12, Freiburg Germany.

E.2.2.11. **V. Tantos** , E. Kapaksidi , S. Gakis , N. Emmanuel, A. Papaioannou , C. Athanasiou and O. Lambrinou 2004. Presence and correlation with soil parameters of acari fauna in a pasture in Central Greece. Proceedings of the 4<sup>th</sup> Panhellenic Rangeland Congress. Volos 2004.

E.2.2.12. **Tantos Viron**, Tsadilas Christos, Brofas George, Mantakas George, and Papadopoulos Savvas 2005. Influence of municipal sewage sludge application to disturbed land from mining activities on soil properties. Proceedings of the 12<sup>th</sup> Panhellenic Forestry Congress. Drama 2005. page 373-380.

**E.2.2.13.** Christos D. Tsadilas, G Mantakas, **V. Tantos**, G. Brofas and S. Papadopoulos. 2005. Reclamation of disturbed land from mining activities using municipal sewage i. Influence on biomass production and soil properties. International Workshop "Current developments in remediation of contaminated sites" 27-29 October 2005, IUNG, Putawy, Poland.

E.2.2.14. **Tantos Viron**, Tsadilas Christos Mantakas George, Papadopoulos Savvas and Tsagari Constantina. 2006. THE USE OF MUNICIPAL SEWAGE SLUDGE FOR RECLAMATION OF LANDS DISTURBED BY MINING ACTIVITIES. Records of the 11<sup>th</sup> PanHellenic Soil Congress. Arta 2006 page 515-524.

E.2.2.15. **V. Tantos**, S. Gakis, O. Podimata, I. Chouliaras, D. Mironidis, M. Sapountzis. Mapping of soil conditions in an experimental catchment in central Greece. 2007. Records of the 13<sup>th</sup> Pan-Hellenic Forestry Congress. Kastoria 2007.

E2.2.2.16. S. Gakis, M. Sapountzis, A. Papaioannou, S. Papadopoulos, **V. Tantos**, I. Chouliaras. 2007. Comparison of physicochemical characteristics of transported materials before and after the movement of a significant discharge in «gerampini» stream (Zagora Pelion, Greece). Proceedings of the 12<sup>th</sup> Pan-Hellenic Forestry Congress. Kastoria 2007.

E.2.2.17. Kyriacou Adamantini, Chroni Christina, Kotsou Maria, **Tantos Viron**. 2008 Usage of municipal sewage sludge as soil amendment in lands

disturbed by mining activities: monitoring of the sludge microorganisms. Records of the 12<sup>th</sup> Pan-Hellenic Soil Congress. Pigros 2008 page 127-137.

E.2.2.18. S. Gakis , E. Kapaxidi, **V. Tantos** , C. Athanasiou , A. Papaioannou , N. Emmanuel and O. Lambrinou.2008. Fluctuation of soil acari fauna in a pasture, in Karditsa prefecture, Greece. Proceedings of the 6<sup>th</sup> Pan-Hellenic Rangeland Congress. Leonidio Arkadias 2008.

### **E.2.3. Others publications**

E.2.3.1. KAKARAS I., TANTOS B. 2000. Studies' information leaflet of the new Department of Design and Technology of Timber and Furniture, Annex Karditsa, The Technological Institute of Larissa. Page. 32.

## **F. LEVEL OF FOREIGNER LANGUAGES**

I speak the French language well and I am a holder of Certificat de Langue Francaise of the French Institute of Athens.

## **G. NATIONAL AND INTERNATIONAL RECOGNITION – CONTRIBUTION TO THE PROGRESS OF SCIENCE**

### **G.1. BIBLIOGRAPHIC REPORTS**

G.1.1. Citation index 2001, No144

- For my work with the number E 1.1:

Dr. Victor Kavvadias, Dr. Dimitrios Alifragis, Dr. Alexandros Tsiontsis, Dr. Georgios Brofas, Dr. Georgios Stamatelos. (2001). "Litterfall, litter accumulation and litter decomposition rates in four forest ecosystems in northern Greece". Forest Ecology and management 144 (2001) 113-127.

- For my work with the number E.2.2.1:

Dr. Victor Kavvadias, Dr. Dimitrios Alifragis, Dr. Alexandros Tsiontsis, Dr. Georgios Brofas, Dr. Georgios Stamatelos. (2001). "Litterfall, litter accumulation and litter decomposition rates in four forest ecosystems in northern Greece". Forest Ecology and management 144 (2001) 113-127.

G.1.2. For my work with the number E.2.1.3.:

A. G. Papaioannou, M. P. Vraxnaki, D. A. Alifragis, V. P. Papanastasi, I. Ispikoudi and D.G. Seilopoulo. "The effect of pasturage on particular kind of

soil in areas of evergreen broad-leaved trees in Northern Greece” in the GEOTECHNICAL SCIENTIFIC SUBJECTS.

G.1.3. For my work with the number E.1.1:

P. Gkanatsa and A. Papaioannou. Accumulation of organic substances and nutrients on forest soil and on soil of forest ecosystems of red firs and beeches in the area of Elatia, Drama. In the Yearbook of the Department Forestry and Natural Environment of the Aristotle University of Thessaloniki. Being published.

G.1.4. For my work with the number E.1.1:

Elisabeth Constantinidou. (1998). Titled “The dynamic growth of form and biomass of the roots’ system of Pine in the region of Cassandra, Halkidiki”. A doctoral thesis of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki.

G.1.5. For my work with the number E.1.1:

Ioannis Chouliaras (2000). “Hydraulic erosion, a study of the ability of erosion of cohesive”. A doctoral thesis of the Faculty of Geotechnical Mechanics of the Department of Civil Engineers of the Polytechnic Faculty of the Aristotle University of Thessaloniki.

G.1.6. Stamatis N. Kostakis (2001). The effective use of nutrients by fast-growing kinds of reforestations (plantations of λεύκη). A doctoral thesis of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki.