

# **Detailed Memorandum**

## **Studies, Scientific Activity and Publications**

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Thrace, Greece (Official Government Gazette 829/ 06-08-2013 issue C)

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## A. STUDIES AND SCIENTIFIC ACTIVITY

### A.1. General information

Surname	<b>Maris</b>
Name	<b>Fotios</b>
Father's name	<b>Pandelis</b>
Mother's name	<b>Irini</b>
Birth date	<b>21-11-1968</b>
Home address	<b>Achileos 15b – 691 00 Komotini, Greece</b>
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Work address	<b>Department of Civil Engineering, Democritus University of Thrace, Greece</b>
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Marital status	<b>One child</b>

### A.2. Studies

1. Graduate of the Department of Forestry and Natural Environment of the Faculty of Geotechnical Sciences of Aristotle University of Thessaloniki. Date of acquisition: 10<sup>th</sup> July, 1991, certificate number 995, (Supporting Evidence A-1).
2. Doctor of Forestry in the Department of Forestry and Natural Environment of the Faculty of Geotechnical Sciences of Aristotle University of Thessaloniki. Date of acquisition: 28<sup>th</sup> June, 2000, certificate number 648, (Supporting Evidence A-2).

### A.3. Military service

From 18<sup>th</sup> November, 1991, to 14<sup>th</sup> April, 1993, I performed my military service, as a sergeant in special forces, in Nea Peramos of Athens Training Center, and also in the 505<sup>th</sup> Marine Decree of Volos, (Supporting Evidence A-3).

### A.4. Foreign languages

1. German, certificate of Zertifikat Deutsch als Fremdsprache, 13<sup>th</sup> September, 1994, (Supporting Evidence A-4).
2. English.

### A.5. Software knowledge

Management of Water Resources	MIKE BASIN, HEC-5
Hydrology	MIKE-SHE, HEC-1, HEC-2, Works 2012
G.I.S.	ArcGIS
Statistics	SPSS
Design Suite	AutoCad

### A.6. Seminars

1. Attendance to seminar "Forestry and Information Technology", 200-hour duration, from November to December, 1993, in Thessaloniki, organized by the Laboratory of Forest Policy of the Department of Forestry and Natural Environment of the Faculty of Geotechnical Sciences of Aristotle University of

- Thessaloniki and funded by the European Social Fund, (Supporting Evidence A-5).
2. Attendance to seminar "Establishment of Rural Development Executives", 300-hour duration, from June to August, 1994, organized by the Union of Cities of Thessaloniki County, and funded by the Community Initiative EUROFORM, (Supporting Evidence A-6).
  3. Attendance to seminar "Water Resources Rational Management", 250-hour duration, during the years 1995-1996, organized by the Training Centre I.A.B.E. O.E. in Thessaloniki, funded by the Community Initiative and the Ministry of Labour, (Supporting Evidence A-7).
  4. Attendance to Training and Acquisition of Professional Experience of University and Technological Educational Institute Graduates program on Local Development and Administration issues in the county of Etoloakarnania, especially in the Municipality of Apodotia, from 24-08-1998 to 15-11-1999, fourteen-month duration, (Supporting Evidence A-8).
  5. Attendance to the Introductory Training of New Appointed Employees in the Municipality Boundaries (Kapodistrian) program, article 30 of law 2738/99, (Supporting Evidence A-9).
  6. Attendance to the program of the National Centre for Public Administration and Local Government (EKDDA), Institute of Training, Sector of Financial, Spatial and Environmental Planning, on the issue: INTERREG II GREECE – ITALY, from 25-7-2001 to 31-7-2001, from 24-9-2001 to 28-09-2001 and from 01-10-2001 to 5-10-2001 in Agrinio, and from 14-10-2001 to 22-10-2001 Italy, County of Puglia, (Supporting Evidence A-10).
  7. Attendance to the training program of the Institute of Training of the National Centre for Public Administration and Local Government (EKDDA) and of the European Committee in Greece on the issue: "Training Program of Public Employees of the Local Government based on European Union issues", from 22 to 23 April, 2002 in Patra, (Supporting Evidence A-11).
  8. Attendance to the training program of the Institute of Training of the National Centre for Public Administration and Local Government (EKDDA) on the issue: "Citizens' Service Centres" from 25 to 28 June, 2002, in Patra, (Supporting Evidence A-12).

<b>A.7. Honours</b>
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1. Three-month scholarship of the State Scholarships Foundation IKY, in the framework of the ERASMUS program, in order to participate in seminars of "Landscape Ecology" in the University of Muenster, Germany, (Supporting Evidence A-13).
2. Scholarship of the mobility of teaching staff for long-term teaching of the State Scholarships Foundation IKY, in the framework of the SOCRATES/ERASMUS in the Georg-August-Universitaet Goettingen, Germany, (Supporting Evidence A-14).
3. Scholarship of the mobility of teaching staff for long-term teaching of the State Scholarships Foundation IKY, in the framework of the SOCRATES/ERASMUS in the Universita degli Studi di Molise, Italy, (Supporting Evidence A-15).
4. Scholarship of the mobility of teaching staff for long-term teaching of the State Scholarships Foundation IKY, in the framework of the SOCRATES/ERASMUS in the Universitaet Freiburg, Germany, (Supporting Evidence A-16).

5. Award of the Ministry of the Environment of Bulgaria, due to the implementation of the research ARDAFORECAST (Supporting Evidence A-48).
6. Honour from the European Union due to the implementation of the research ARDAFORECAST (Supporting Evidence A-50).

<b>A.8. Participation in Research Programs</b>
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1. Title: "Management and protection of the forest ecosystems emphasized in the forest fires and in the restoration of the burnt areas" from 26-04-1993 to 25-09-1993, and from 27-09-1993 to 27-03-1994, (Supporting Evidence A-17).
2. Title: "Forest Fires" from 01-11-1994 to 31-10-1995, from 01-05-1996 to 30-06-1996 and from 01-09-1996 to 30-09-1996, (Supporting Evidence A-17).
3. Title: "Specification of the principles and of the system of the arrangement of the torrents in the Greek area" from 01-11-1996 to 28-02-1997, (Supporting Evidence A-17).
4. Title: "Ecological analysis, management and eco-development planning of the riparian ecosystem of Nestos Delta" from 01-12-1997 to 31/01/1998. The placement was made based on the article of law 7, paragraph 4AB, common Ministerial Order B1/819/88 (Official Government Gazette 920, issue B), (Supporting Evidence A-17).
5. Title: «Detailed guidelines of planning the visual condition and the allure of the landscape in forestry: process of perfection of the rural resources potential" from 01-11-1997 to 30-04-1998. The placement was made based on the article of law 7 paragraph 4 AB, common Ministerial Order KA/679/22-8-1996 (Official Government Gazette 826, issue B), (Supporting Evidence A-17).
6. Title: "Planning of the Environmental Update and Specification of the Environmental interpretation systems in the Peri-Urban Forest of Thessaloniki (Seih-Sou) Project Code 80687, from 1-07-2005 to 17-07-2005. Funding: Organization of Planning and Environmental Protection of Thessaloniki (Supporting Evidence A-17).
7. Title: "New Technologies in Hydrology, in the Engineering of Watering Systems and in the Environmental Protection" Project Code 1347 from 1-05-2006 to 31-12-2006. Funding: Interreg III Greece-Bulgaria (Supporting Evidence A-18).
8. Title: "Management System Development of the flood runoffs of the cross-border river Evros", Project Code 1526 from 1-06-2007 to 20-1-2008, Funding: Ministry of Foreign Affairs (Supporting Evidence A-18).
9. Title: "Reconnaissance of the construction of a conservation reservoir-small barrier in the Municipality of Kuprinos" , Project Code 80517, from 15-04-2010 to 12-7-2010, Funding: Municipality of Kuprinos, county of Evros (Supporting Evidence A-19).
10. Title: « Flood warning system establishment in Arda river basin for minimizing the risk in the cross border area" acronym: ARDAFORECAST », Project Code 81017, from 01-04-2012 to 31-3-2014, Funding: European Territorial Cooperation Programme Greece-Bulgaria 2007-2013, Budget: 203.606,93€ (Supporting Evidence A-20).
11. Title: "Support and development of educational activities of Democritus University of Thrace", Project Code 81600, from 09-06-2015 to 9-6-2016, Funding: Research Committee of Democritus University of Thrace , Budget: 250.000,00€ (Supporting Evidence A-44).

#### **A.9. Participation in working parties**

1. Participation in working party, which visited the European Parliament in Brussels, from 26-4-2004 to 29-4-2004, after the invitation of the Member of the European Parliament, Mr. Konstantinos Chatzidakis, (Supporting Evidence A-21).

#### **A.10. Participation in Programs**

1. Community Initiative Leader II, Title : "Development Program of the Mountain Area of Nafpaktia". Promoter: Aitoliki Development Enterprise, Budget 1.300.000.000 drachmas from 1-1-2000 to 31-12-2001, (Supporting Evidence A-22).

#### **A.11. Studies**

1. Study of the Environmental Impacts due to the Dilatation of the Airport of the Island Ikaria. Concessionaire Truth A.E. Thessaloniki 1996.

#### **A.12. Participation in Scientific Alliances**

Member of :

- The Geotechnique Chamber of Greece (registry number 2-02116).
- The Hellenic Forestry Society.
- The Hellenic Geographical Society.
- The Greek Committee of the Management of Water Resources.
- The European Water Resources Association (EWRA).
- The Greek Hydrologic Committee in UNESCO

#### **A.13. Participation in scientific committees of conferences (international and Greek)**

1. I participated as a secretary in the Organizing Committee, during the organization of the 1<sup>st</sup> Greek Environmental Conference of the Environmental Departments of Universities, issued: "Contemporary Environmental Issues", in Orestiada, from 7<sup>th</sup> to 9<sup>th</sup> May, 2004.
2. I organized a day conference issued: "River Evros: Pilot Management of the Transnational Watershed", in Orestiada, on 28<sup>th</sup> May, 2005.
3. I participated as a member in the organizing and scientific committee in the organization of the International Scientific Conference issued: "Sustainable Management and Development of the Mountain and Island Areas", which took place on 29<sup>th</sup>, 30<sup>th</sup> September and 1<sup>st</sup> October, 2006, in the centre of Naxos (Municipality of Naxos) and in Coronos, Naxos (Municipality of Drymalia).
4. I participated as the head of the Organizing and Scientific Committee in the 1<sup>st</sup> Scientific 2-Day Conference of the Arranging Laboratory of the Mountain Area Waters and of the Hazard Management of the Department of Forestry and Environmental Management and Natural Resources of the Democritus University of Thrace, issued: "Complete Management of Water Resources", which took place on the 5<sup>th</sup> and 6<sup>th</sup> June, 2009, in Orestiada.
5. I was the Publisher and the Director of the 3<sup>rd</sup> Volume of the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace. This Volume is dedicated to the Emeritus Professor of the Department, Mr. Efstathios Tsachalidis (Supporting Evidence A-23).

6. I was the Publisher and the Director of the 4<sup>th</sup> Volume of the Scientific Series "Forestry and Environmental and Water Resources Management Issues", issued "Complete Water Resources Management", which is published by the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace. The publication is to be completed in 2012 (Supporting Evidence A-24).

#### **A.14. Description of the Activities of the Department of Forestry and Environmental and Natural Resources Management**

- I participated as a teacher and as a researcher in undergraduate and postgraduate studies in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace from 8-1-2003 till now (Supporting Evidence A-25 & A-26).
- I proposed the foundation of the Master of the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace (number 607/6-12-2005 sitting of the Senate of the Democritus University of Thrace, which I am a proponent of).
- Scientifically in charge of the Master of the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace from the academic year 01-09-2006 to 31-08-2009 (Supporting Evidence A-27).
- I participated as a member in the under mentioned committees of the Department:

##### Academic year 2003-2004

- Committee of Tender of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library, etc.) for the year 2004
- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library- except for Books, Magazines, and Publishing- etc.) for the year 2004
- Library Committee
- Committee of Conferences
- Committee of Traineeship

##### Academic year 2004-2005

- Committee of Tender of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library, etc.) for the year 2005
- Committee of Reception of Books, Magazines and Publishing due to the needs of the University Library of the Department of Forestry and Environmental and Natural Resources Management for the year 2005

- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library- except for Books, Magazines, and Publishing- etc.) for the year 2005
- Committee of Traineeship

#### Academic year 2005-2006

- Committee of Tender of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library, etc.) for the year 2006
- Committee of Reception of Books, Magazines and Publishing due to the needs of the University Library of the Department of Forestry and Environmental and Natural Resources Management for the year 2006
- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library- except for Books, Magazines, and Publishing- etc.) for the year 2006
- Committee of the Drawing up of the Examinations Schedule
- Curriculum Committee
- Library Committee
- Committee of Scientific Magazine

#### Academic year 2006-2007

- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library- except for Books, Magazines, and Publishing- etc.) for the year 2007
- Committee of Tender of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library, etc.) for the year 2007
- Committee of Reception of Books, Magazines and Publishing due to the needs of the University Library of the Department of Forestry and Environmental and Natural Resources Management for the year 2007
- Committee of Traineeship

#### Academic year 2007-2008



- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management (of the Department, of the Secretary, of the Library- except for Books, Magazines, and Publishing- etc.) for the year 2008
- Curriculum Committee
- Committee of Traineeship

#### Academic year 2008-2009

- Committee of Reception of materials and of maintenance of the Department of Forestry and Environmental and Natural Resources Management buildings jobs, and also of the Reception of any kind of materials concerning the needs of the Directorate of Technical Inspection in Orestiada for the year 2009
- Curriculum Committee
- Committee of Traineeship
- Team of the Department's Internal Assessment

#### Academic year 2009-2010

- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs for the Needs of the Department of Forestry and Environmental and Natural Resources Management for the year 2010
- Committee of Qualitative and Quantitative Reception and testing of the prices and of the tariffs of several printers or publishers who print the University notes of the Professors of the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace for the academic year 2009-2010
- Curriculum Committee
- Committee of Traineeship
- Team of the Department's Internal Assessment

#### Academic year 2010-2011

- Committee of the Tender of the supplies of any kind of materials, scientific works, books, magazines and publishing procedures for the needs of the library of the Department of Rural Development and of the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace for the year 2011.
- Curriculum Committee
- Committee of the Assessment of candidates for the employment via works contract in the Quality Assurance Unit (MODIP) of the Democritus University of Thrace.
- Committee of Reception (Full Member) of the Subjob 01 entitled "Quality Assurance Unit (MODIP) of the Democritus University of Thrace" of the Act "Quality Assurance Unit- MODIP of the Democritus University of Thrace"

(Code MIS: 335648, Project Code: 80537/2064), which is implemented under the framework of the Educational Program "Training and Lifelong Learning" 2007-2013, Priority Axis 1: "Upgrade of the quality of education and promotion of the social integration in the 8 Convergence Regions", which is funded by the European Social Fund and by national resources (collective project decision code 2011ΣΕ84580224) where Mr. Karambinis Athanasios, professor of the Department Civil Engineering, is the scientific manager.

- Team of the Department's Internal Assessment.

#### Academic year 2011-2012

- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs and of the Provision of Services.
- Curriculum Committee
- Team of the Department's Internal Assessment.

#### Academic year 2012-2013

- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs and of the Provision of Services.
- Team of the Department's Internal Assessment

#### Academic year 2013-2014

- Committee of Reception of Supplies of Any Kind of Instruments, Types, Materials and of the Implementation of Small Jobs and of the Provision of Services.
- Team of the Department's Internal Assessment

### **A.15. Description of the Activities of the Democritus University of Thrace**

- Assistant Financial President of the Democritus University of Thrace from 6<sup>th</sup> November, 2014, till now (Official Government Gazette 2997/6.11.2014 τ. Β').
- Assistant Member of the Governing Board of the Company of Property Reclamation and Management of the Democritus University of Thrace from 30<sup>th</sup> July, 2015 (Supporting Evidence A-45).
- Head of the Three-member Committee of the Proclamation and Assessment of the candidates for the staffing of the Regional Research and Innovation Council, according to the article 10 paragraph 3 subparagraph aa of law 4310/2014, Official Government Gazette Α'258/08-12-2014 (Supporting Evidence A-46).
- Legal Representative of the Democritus University of Thrace in the Towns' Network for the Development, assistant President of the Democritus University of Thrace (Supporting Evidence A-47).

#### **A.16. Participation in Governing Councils and in General Meetings**

1. Participation as an alternate member in the Governing Council of the Management Body in Rodopi, as a specialized scientist, according to the number of the Gazette 1709 / 6-12-2005 Official Government Gazette issue B'.
2. Alternate Member in the General Meeting of the Company's Stockholders named "Growth Company of the County of Xanthi- Growth Company of Local Government Organization" as a Delegate of the Democritus University of Thrace.

#### **A.17. Work Experience**

- License to practice profession of a Private Forester, which was published by the Directorate of Forestry in Thessaloniki, on 29<sup>th</sup> April, 1993. File number ΓΔ 1433, (Supporting Evidence A-28).
- 1<sup>st</sup> grade Consulting Diploma in the Categories 24 and 25 of the Presidential Decree 541/78 viz 24/A, 25/A, identification number 12620, by the Identification Number and Technical Professions Directorate, Researchers' Identification Number Department (Δ 15/γ) of the General Secretariat of Public Works of the Ministry of the Environment, Physical Planning and Public Works, file number Δ/15/6194/Φ8 on 11<sup>th</sup> May, 1998 (Supporting Evidence A-29).
- Established Official of the Municipality of Apodotia, County of Etoloakarnania, in the Foresters Category, Higher Education 14, date of appointment 22-12-1999, number of Official Government Gazette 206/9-12-1999.
- Lector in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, subject module: "Mountainous Water Management", date of appointment 08-01-2003 number of Rector Act A 725/31-10-2002 published in the Official Government Gazette of the Legal Person Governed by Public Law number 286/ 27-12-2002
- Assistant Professor in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, subject module: "Mountainous Water Management", file number A202, date of appointment 07-09-2007 number of Rector Act A 6207/30-04-2007, published in the Official Government Gazette 574/ 10-08-2007 third issue.
- Associate Professor in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, subject module: "Mountainous Water Management", published in the Official Government Gazette 829/ 06-08-2013 third issue.

#### **A.18. Teaching Experience**

##### **A.18.1. In the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace.**

The Provisional General Meeting in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace assigned me the teaching of the under mentioned ***undergraduate courses***:

##### Academic year 2002-2003

- Soil Mechanics, 4<sup>th</sup> semester

- Mountainous Water Management II, 8<sup>th</sup> semester

#### Academic year 2003-2004

- Geomorphology, 3<sup>rd</sup> semester
- Mountainous Water Management I, 5<sup>th</sup> semester
- Forest Hydrology, 5<sup>th</sup> semester
- Applied Hydraulics and Hydraulic Works, 9<sup>th</sup> semester
- Hydrology and Hydraulics, 2<sup>nd</sup> semester
- Mountainous Water Management II, 6<sup>th</sup> semester
- Snow and Snow Flows, 10<sup>th</sup> semester

#### Academic year 2004-2005

- Geomorphology, 3<sup>rd</sup> semester
- Mountainous Water Management I, 5<sup>th</sup> semester
- Forest Hydrology, 5<sup>th</sup> semester
- Applied Hydraulics and Hydraulic Works, 9<sup>th</sup> semester
- Hydrology and Hydraulics, 2<sup>nd</sup> semester
- Mountainous Water Management II, 6<sup>th</sup> semester
- Snow and Snow Flows, 10<sup>th</sup> semester
- Agricultural Arrangements, 10<sup>th</sup> semester

#### Academic year 2005-2006

- Agricultural Hydraulics, 3<sup>rd</sup> semester
- Geomorphology, 3<sup>rd</sup> semester
- Mountainous Water Management I, 5<sup>th</sup> semester
- Forest Hydrology, 5<sup>th</sup> semester
- Applied Hydraulics and Hydraulic Works, 10<sup>th</sup> semester
- Hydrology and Hydraulics, 2<sup>nd</sup> semester
- Mountainous Water Management II, 6<sup>th</sup> semester
- Snow and Snow Flows, 10<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

#### Academic year 2006-2007

- Geomorphology, 5<sup>th</sup> semester
- Mountainous Water Management I, 5<sup>th</sup> semester
- Hydrology and Hydraulics, 2<sup>nd</sup> semester
- Mountainous Water Management II, 6<sup>th</sup> semester
- Snow and Snow Flows, 10<sup>th</sup> semester

#### Academic year 2007-2008

- Meteorology Climatology, 1<sup>st</sup> semester
- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management I, 7<sup>th</sup> semester
- Hydrology and Hydraulics, 2<sup>nd</sup> semester
- Mountainous Water Management II, 6<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester

#### Academic year 2008-2009

- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management I, 7<sup>th</sup> semester
- Hydrology and Hydraulics, 6<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester

- Hydroinformatics, 8<sup>th</sup> semester

Academic year 2009-2010

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

Academic year 2010-2011

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

Academic year 2011-2012

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Hydrology – Hydraulic of mountainous watersheds, 1<sup>st</sup> semester
- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

Academic year 2012-2013

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Hydrology – Hydraulic of mountainous watersheds, 1<sup>st</sup> semester
- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

Academic year 2013-2014

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Hydrology – Hydraulic of mountainous watersheds, 1<sup>st</sup> semester
- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

Academic year 2014-2015

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Hydrology – Hydraulic of mountainous watersheds, 1<sup>st</sup> semester
- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

#### Academic year 2015-2016

- Mountainous Water Management I, 7<sup>th</sup> semester
- Technology of Geo-Dams, 9<sup>th</sup> semester
- Hydrology – Hydraulic of mountainous watersheds, 1<sup>st</sup> semester
- Water Resources Management, 5<sup>th</sup> semester
- Mountainous Water Management II, 8<sup>th</sup> semester
- Hydroinformatics, 8<sup>th</sup> semester
- Agricultural Management, 10<sup>th</sup> semester

The Provisional General Meeting in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace assigned me the teaching of the under mentioned ***postgraduate courses***.

#### Academic year 2006-2007

- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester
- Geoinformatics and Environmental Hazards Management, 2<sup>nd</sup> semester

#### Academic year 2007-2008

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester
- Geoinformatics and Environmental Hazards Management, 2<sup>nd</sup> semester

#### Academic year 2008-2009

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester
- Geoinformatics and Environmental Hazards Management, 2<sup>nd</sup> semester

#### Academic year 2009-2010

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester
- Geoinformatics and Environmental Hazards Management, 2<sup>nd</sup> semester

#### Academic year 2010-2011

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester
- Geoinformatics and Environmental Hazards Management, 2<sup>nd</sup> semester

#### Academic year 2011-2012

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester

#### Academic year 2012-2013

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester

#### Academic year 2013-2014

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester

#### Academic year 2014-2015

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester

#### Academic year 2015-2016

- Implementation of Geoinformatics in Water Resources Management, 1<sup>st</sup> semester
- Natural Environment Hydrology, 1<sup>st</sup> semester
- Sustainable Management of Mountainous Watersheds, 2<sup>nd</sup> semester
- Torrent Management, 2<sup>nd</sup> semester

#### **A.18.2. In the Department of Agricultural Development of the Democritus University of Thrace**

1. The General Meeting in the Department of Agricultural Development of the Democritus University of Thrace, assigned me the teaching of the compulsory ***undergraduate*** course "Agricultural Hydraulics" during the academic years 2006-2007, 2007-2008 till now (Supporting Evidence A-30).

#### **A.18.3. In the Department of Environmental Engineering of the Democritus University of Thrace**

1. The General Meeting in the Department of Environmental Engineering of the Democritus University of Thrace, assigned me the teaching of the compulsory ***undergraduate*** course "Forest Ecosystems and Engineering Projects", for the academic years 2010-2011 till now, file number 2345/13-01-2011 and 2011-2012, file number 594/20-3-2012, file of the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, file number A 4290/23-03-2012 Rector's Council of the

**A. 19. Participation in doctoral dissertations committees and supervision or participation in postgraduate theses committees**

**A.19.1. Participation in doctoral dissertations committees**

1. The order of the specialized configuration General Meeting of the Department **of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace**, numbered 2/22-02-2006, entering the revenue of the provision of the Article of Law 13 2083/92, assigned me as the supervisor and member of the three-member advisory committee of the doctoral dissertation, carried out by **Mr. Vassilios Apostolou**, issued "Assessment of the torrent risks of the mountainous watersheds in Thrace, through the development of intelligent information systems" (Supporting Evidence A-32).
2. The order of the specialized configuration General Meeting of the Department **of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace**, numbered 3/29-03-2006, entering the revenue of the provision of the Article of Law 13 2083/92, assigned me as the supervisor and member of the three-member advisory committee of the doctoral dissertation, carried out by **Mr. Potouridis Symeon** (Supporting Evidence A-32).
3. The order of the specialized configuration General Meeting of the Department **of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace**, numbered 1204/ 10-4-2009, entering the revenue of the provision of the Article of Law 13 2083/92, assigned me as the supervisor and member of the three-member advisory committee of the doctoral dissertation, carried out by **Mrs. Georgi Kalliope** (Supporting Evidence A-32).
4. I was assigned as a member of the three-member advisory committee of the doctoral dissertation, carried out by **Mr. Karagiorgou Konstantine, in Universität für Bodenkultur Wien**, (University of Natural Resources and Applied Life Sciences) entitled "From Hazard Analysis to an Integral Land use Development Plan. A case study in Rafina Stream, in South Attica to Greece" (Supporting Evidence A-33).
5. I was assigned as a member of the three-member advisory committee of the doctoral dissertation, carried out by **Mr. Papaioannou George, in the Department of Civil Engineer of the University of Thessaly**, entitled "Development of an evaluation system of the uncertainty of flood edges and flood zones" (Supporting Evidence A-34).
6. I was assigned as a member of the seven-member evaluation committee of the doctoral dissertation, "**Study on the density flows in river outflows, due to the floating of loads**", carried out by **Mr. Georgoulas Anastassios, in the Department of Civil Engineer of the Democritus University of Thrace**, file number 2189/2-6-2010 Department of Civil Engineer of the Democritus University of Thrace file (Supporting Evidence A-35).
7. I was assigned as a member of the seven-member evaluation committee of the doctoral dissertation "**Study on the Planning Simulation Lake Stabilization and of Combined Sewage Treatment Using Lake Stabilization and Wetlands**", carried out by **Mrs. Tsalkatidou Marina**,



- in the Department of Civil Engineer of the Democritus University of Thrace**, file number 1030/24-11-2010, sitting number 1/10-11-2010 Department of Civil Engineer of the Democritus University of Thrace (Supporting Evidence A-36).
8. I was assigned as a member of the seven-member evaluation committee of the doctoral dissertation **"The contribution of the Landscape Architecture in the evaluation of Protected Areas wetland landscapes using GIS. The case of Lake Pamvotida, Ioannina"**, carried out by **Mrs. Katherine Chiotelli, in the Faculty of Agriculture of Aristotle University of Thessaloniki**, file number 1014/22-02-2011, sitting number 248/17-02-2011, (Supporting Evidence A-37).
  9. The order of the specialized configuration General Meeting of the Department **of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace**, numbered 1702/ 28-6-2011, entering the revenue of the provision of the Article of Law 13 2083/92, assigned me as the supervisor and member of the three-member advisory committee of the doctoral dissertation, carried out by Mrs. Katherine Kalfa, issued: "Research of the grading of the lowland mobile bottoms of the Vrasna torrent" (Supporting Evidence A-32).
  10. I was assigned as a member of the seven-member evaluation committee of the doctoral dissertation "Study on the hydrodynamic load and the utilization possibilities in Greek area torrents", carried out by **Mr. Tsemberidis Kyriakos, in the Forestry Faculty of the Aristotle University of Thessaloniki**, file number 212/13-10-2011, sitting number 1/7-10-2011, (Supporting Evidence A-38).
  11. I was assigned as a member of the seven-member evaluation committee of the doctoral dissertation "Simulation of the hydrodynamic transmission and diffusion pollutants from Black Sea in Northern Aegean using hydrodynamic models, and study on the impacts of this long-term pollutant concentration in Northern Aegean coastal areas", carried out by **Mr. Kossapakis Kyriakos, in the Department of Civil Engineer in the Faculty of Engineering of the Democritus University of Thrace**, sitting number 2/20-12-2011, decision number Sector of Hydraulics Works 920/15-12-2011, (Supporting Evidence A-39).
  12. The order of the specialized configuration General Meeting of the Department **of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace**, numbered 894/15-3-2012, entering the revenue of the provision of the Article of Law 9 3685/2008, assigned me as a member of the seven-member evaluation committee of the doctoral dissertation, carried out by **Mr. Tsaltzinos Theocharis**, issued: "Development and Implementation of an Original Information System using Cognition Mechanisms based on Rules and Cases for the Natural Disasters Problems Management" (Supporting Evidence A-40).
  13. I was assigned as a member of the three-member advisory committee of the doctoral dissertation, carried out by **Mrs. Chamitidou Mary in the Department of Civil Engineer of the Democritus University of Thrace**, sitting number 5/5-4-2012 of the Department of Civil Engineer General Meeting according to the Sector of Hydraulic Works General Meeting regulation number 1/12-3-2012, (Supporting Evidence A-41).
  14. I was assigned as a member of the three-member advisory committee of the doctoral dissertation, carried out by **Mrs. Manolia Andreadaki in the Department of Civil Engineer of the Democritus University of Thrace**,

file number 1990/26-5-2014, meeting file 6/26-6-2014 of the General Meeting in the Department of Civil Engineer of the Democritus University of Thrace (Supporting Evidence A-49).

15. I was assigned as a member of the seven-member evaluation committee of the doctoral dissertation "Regeneration, increase and structure of the stands of Pinus brutia Ten. in medium altimeters in Central Cyprus", carried out by Mr. Petros Petrou, in the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace.

#### **A.19.2. Participation in postgraduate theses committees**

I participated as a supervisor in 39 postgraduate theses which were conducted or are conducted in the Department, and they are under mentioned.

<b>Full Name</b>	<b>Issue</b>
Anastassiadis Stavros	Hydrologic Search of the River Aaos
Kaismaridou Nickie-Ellas	Simulation of pollutant transfer in a river, using the model QUAL2K. Applied in the River Nestos
Karagiorgou Konstantine	Hydrologic Search of the River Louros
Papaioannou George	The torrent area of Kosynthos
Tsopela Nickie	Hydronomy in Greece in the framework of the New European Directive, for the assessment and management of the floods hazards
Apokatanidis Anestis	The torrent area of Travos
Vakalopoulos Konstantine	Water needs and the usages of the County of Evros rural population
Georgitsi Anna	The torrent area of Diavolorrema stream
Koutroubis Dimitrios	Evaluation of the sheet erosion of the Parnitha protected forest
Ktenas George	The torrent area of Filiouris (Lissos)
Ikonomidis Apostolos	Pollution simulation by non-point sources. Implementation in the hydrologic basin of Evros
Antoniadou Irene	Morphological evolution of the Delta Rivers in Northern Greece
Demiraki Evangelia	Special erosions form mapping in the Kosynthos watershed using G.I.S.
Xanthopoulou Kyriaki	Torrent hazard evaluation of the Cyprus torrent flows
Polyzoidis Athanasios	Practical guide of agricultural and land surveyor works
Nakis Christos	Expansion of the accuracy of the watersheds hydrographic nets, deriving from the digital land models, using the Geographical Information System and statistical methods. The case of the watershed of Kroussovitis torrent. (Sidirokastro- County of Serres)
Kalfa Katherine	Vertical gradient research of the water potential of "Magiros" and "Klimatiko Stream" torrents of the Municipality of Tymbakio, Crete
Tsintsaris Anthony	"Saint George", Serres torrent management pilot research

Paparrizos Spyridon	River "Sperchios" torrent area research using the complete, hydrologic, natural based model MIKE-SHE and using GIS
Janacaki Despina	Restructuring of the cultivation in the area of Northern Evros, and its impact on the sustainable management of water resources, in the aim of a complete rural development
Dourou Violet	Utilization research of the torrents water potential of "Mega Stream" and "Apostolia Stream", upper flow of Kifissos
Theocharopoulos Anthony	Restructuring of the cultivation and its impact on the sustainable management of water resources of Imathia flatland
Roumelis John	Stereo-transfer potential of Monastiraki Vonitsa torrent, and the utilization possibilities
Sidiropoulos John	Hydrologic Research of the Red River in Didimotichos
Theofanous Nick	Evaluation of the direct anti-corrosive works, after the 2008 fire in Rhodes
Kalogeropoulou Panayota	Alluviation trends of the Alexandroupolis reservoir using the two-dimension model TOPRUNDF 2.0 and using the geographical information system
Missailidis Marios	Torrents management standard research after the 2012 fire in Chios
Paroussi Mary	Torrent hydrologic research in Monastiraki Vonitsas
Dourou Violet	Utilization research of the torrents water potential of "Mega Stream" and "Apostolia Stream", upper flow of Kifissos
Gabrela Dimitri	Principles, system and management works of the torrent in Karavostassi Pedrikas, Thesprotia
Lekka Jennifer	Principles, system and management works of the torrent in Myrichos
Topaloudi Panayota	Anti-corrosive and anti-flooding works standard research in the County of Evros, after the fire on 24 <sup>th</sup> August, 2011. Planning, construction, functionality
Chagiapostolou Lambrini	Research on the specification choice of implementation sections of different types of barrier constructions
Theofanous Nick	Evaluation of the direct anti-corrosive works, after the 2008 fire in Rhodes
Machtis Panayotis	Evaluation of the alluviation trends into mountainous watersheds using simulation models
Papadoyannaki Emmanuil	Research on the torrent and water environment of the torrents of Lassithiotika Mounts
Myrtsidis Diamandis	Knowledge and perspective of the primary school students as far as the environmental problem of floods is concerned

Ikonomou Evangelia	Planning of Anti-flooding- environmental management of the Ayamoniotis Trikala torrent's urban river bed
Metaxoudis Eleftherios	Planning of the geographical data in order Greece's natural disasters to be recorded

I also participated as a member of the three-member advisory committee in 23 postgraduate theses, which were or are conducted in the Department, and are under mentioned.

<b>Full Name</b>	<b>Issue</b>
Vangeloudi Mary	Adaptive fuzzy stand ing software development with risk assessment problems implementation
Zikrika Nickoleta	Development of intelligent information system single risk index assessment of forest fires in the case of Eastern Macedonia and Thrace
Iliadou Anna	Development of intelligent models and algorithms for decision making as far as sending air extinguishing media, or support of ground firefighting forces in case of forest fires, are concerned
Koutsoua Paraskevi	Ecological analysis and evaluation of the city of Larissa wood flora
Manoli Olymbia	Comparative stand analysis of Greece's forest inspectorates, as far as the risk of fires is concerned, using fuzzy algebra software and classical methods
Mbetsidou Theodora	Intelligent multivariate use of fuzzy sets of grade member mixed functions and development of a fuzzy cognitive system so as to assess the risk of forest fires on Greece's forest inspectorates
Mboundis Diamandis	Increase of the trees and structure of the stand s Pinus brutia Ten., which were grown in medium altitudes, after the fire of 1989 in Thassos
Papayannis Themistoklis	Implementation of intelligent models and algorithms of fuzzy c-means stand analysis of Greece's forest inspectorates regarding burnt public areas and spreading time (period of time 1983 - 1997)
Papadopoulos Adamandios	Research on the possibility of biofuel production factory foundation in the area of Northern Evros
Papaleonidas Anthony	Intelligent agent network information system which adopts hybrid techniques in order to assess environmental problems and in order to provide support towards their treatment

Petrou Petros	Research on the establishment and survival of Pinus Brutia Ten on partially wooded land in the wider area of Lythrodontas Cyprus
Sarvanis Konstantine	Intelligent fuzzy c-means stand analysis of Greece's forest inspectorates based on the intervention time on forest fires and on the altitude where they occur. Mapping of the stand s using GIS
Skopianos Stergios	Finding the best sigmoid function of a single risk indicator Forest Fire Assessment in the forest fires in the area of Athens forest inspectorates from 1983 to 1996
Tsiklis Panayotis	Implementation of the Adaptive Resonance Theory (ART1) aiming intelligent multivariate Stand analysis of Greece's forest inspectorates over the frequency of forest fire outbursts (period of time 1983 - 1997)
Deliyanni Permathoula	Sustainable ecosystem management using sewage sludge and livestock manure as organic fertilizers
Karakyrios Stefanos	The citizens' perspective about recycling and the energy reclamation of the urban waste of Komotini
Apargeorgiou Argyro	Social differentiation of trees in the stands of Pinus halepensis Mill., which were created after the fires of 1990 and 1998 on the Kassandra peninsula in Halkidiki
Tsirekis Ilias	Structure and natural regeneration of degradations of broad-leaved oak stands (Quercus conferta L.) and increase of dominant individuals of the species in the settlement area Fteri in the County of Fthiotida
Mbenekou Polyxeni (ΕΜΠ)	Implementation of the hydrologic model HEC-HMS in the mountainous experimental basin of Varetada, Amfilochia
Lypiridis John	Volume tables for forest pine (Pinus sylvestris L.) in the central part of the Rhodope Mountains
Martinidis Anastasios	Evidential Learning Models in Primary Education: The Case of Marine Pollution
Loukopoulos Christos	Estimation of the spatio-temporal potential of surface water resources using satellite images LANDSAT and GIS
Tassionas George	Longitudinal monitoring of cover / land use changes and erosion hazards in Thassos using multi-spectral satellite imagery and GIS

## **A.20. Participation in elective faculty development committees in other universities**

### **A.20.1. Participation in three-member rapporteur committees**

1. Member of the rapporteur committee of the Electoral Authority for the election of a lecturer in the subject: "Mountainous Waters Management", in the Department of Forestry and Natural Resources of the Aristotle University of Thessaloniki.
2. Member of the rapporteur committee of the Electoral Authority for the election of an Assistant Professor in the subject: "Mountainous Waters Management", in the Department of Forestry and Natural Resources of the Aristotle University of Thessaloniki (file number 535/5-12-2011, sitting number 186/2-12-2011) of the Special General Meeting of the Department of Forestry and Natural Resources of the Aristotle University of Thessaloniki (Supporting Evidence A-42).
3. Evaluation report of Mrs. Anastasia Stergiadou, for the tenure of a faculty position at the rank of Assistant Professor in the Faculty of Agriculture, Forestry and Natural Environment, of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki, in the subject "Broaching and Utilization of Mountainous Area" in accordance with the Article of Law 19, paragraph 4, of N.4009 / 2011 and in accordance with the Article of Law 3, paragraph 8 of the regulatory decision of the Senate of AUTH and file number 129 / 10.01.2014 of the Deanship in the Faculty of Agriculture, Forestry and Natural Environment, of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki.

### **A.20.2. Participation in Electoral Authority**

1. Member of the Electoral Authority for the election of an Assistant Professor in the subject: "Management of Water Resources with emphasis on Hydroponic Systems", in the Department of Natural Resources Management of the Agricultural University of Athens, in accordance with the file number 613 / 13.05.2010 file of the Special General Meeting of the Department of Natural Resources Management and Agricultural Engineering of the Agricultural University of Athens (Supporting Evidence A-43).
2. Member of the Electoral Authority for the tenure of Assistant Professor George Zaimis in the subject: "Mountainous Water Management", in the School of Agricultural Technology of the Department of the Technological Educational System in Eastern Macedonia and Thrace, in accordance with the Extract Act 2<sup>nd</sup> /2014 of the General Committee of the Department and file number 23/28-02-2014 file of the Department.
3. Member of the Electoral Authority for the process of the Assistant Professor Theofanis Pavlidis in the subject: "Mountainous Water Management, General Hydrology and Hydraulics, Potamology, Chionology- Snow Centres", in the Faculty of Agriculture, Forestry and Natural Environment of the Department of Forestry and Natural Environment of the Aristotle University of Thessaloniki, file number 475/15-05-2014 Department file.
4. Member of the Electoral Authority for the process of the Lecturer Mr. Myronidis Dimitrios, in the subject: "Mountainous Water Management", in the Department of Forestry and Natural Environment, of the Faculty of Agriculture, Forestry and Natural Environment of the Aristotle University of

Thessaloniki in accordance with the file number 479/15-05-2014 Department file.

#### **A.21. Reviewer in international journals and conferences**

1. INFORMATION SCIENCES INFORMATICS AND COMPUTER SCIENCE INTELLIGENT SYSTEMS APPLICATIONS (Elsevier Science), Science Citation Index Impact Factor 3,0957.
2. Journal Water Management
3. Journal Environmental Modelling and Software (Elsevier Science) Science Citation Index Impact Factor 1,992.
4. Journal Management of Environmental Quality.
5. Journal European Water (EWRA).
6. Journal of King Saud University – Science, Elsevier Science.
7. Journal of Natural Hazards
8. European Water Journal
9. Land — Open Access Journal (ISSN 2073-445X)
10. ΓΕΩΤΕΧΝΙΚΑ
11. 12th International Conference Protection & Restoration of the Environment
12. Journal of Meteorology Hydrology and Water Management - Research and Operational Applications
13. Remote Sensing — Open Access Journal

#### **A.22. Publication of scientific- research papers**

##### **A.22.1. Before the election to the rank of lecturer of the Democritus University of Thrace**

1. Alifragis D., Smyris P., Maris F., Kavadias V., Konstandinidou E., Stamou N., (1998). **"Time-succession of the distribution of the nutrients in stands of Pinus Halepensis"**, Scientific Annals of the Department of Forestry and Natural Environment. Volume ΑΘ/1-VOL.39/1, Pages 100-117.
2. Gkanatsas, P., Smiris, P. and Maris, F. (1999). **"Biomass of understory species of Pinus halepensis forests in the peninsula of Kassandra - Chalkidiki, North Greece"**, Journal of Balkan Ecology. Vol.2, No 2.
3. P. Smiris, F. Maris, K. Vitoris, N. Stamou, P. Gkanatsas, (1998). **"Biomass of understory species of Pinus halepensis Mill, forests in the Kassandra peninsula- Chalkidiki"**. Silva Gandavensis, No 63, BE/ISSN 0587-1476, p. 134-142.
4. P. Smiris, F. Maris, N. Stamou, (1998). **"Structure and stem analysis of Pinus halepensis Mill forests in the Kassandra peninsula- Chalkidiki"**. Silva Gandavensis, No 63, BE/ISSN 0587-1476, p. 63-83.
5. P. Smiris, F. Maris, K. Vitoris, N. Stamou, (1996). **"Biomass of understory in Kassandra's Pinus halepensis forest"**, EUROSILVA, Proceedings of the Workshop on Resource Utilization from cell to canopy, October 17-19, 1996 Thessaloniki, Greece.
6. P. Smiris, F. Maris, K. Vitoris, N. Stamou, K. Kalabokidis, (2000). **"Aboveground biomass of Pinus halepensis Mill forests in the Kassandra peninsula – Chalkidiki"**. Silva Gandavensis, No 65, BE/ISSN 0587-1476, p. 173-187.
7. Alifragis, D. Smiris, P., Maris, F., Kavvadias, V., Kostantinidou, E., N. Stamou. (2001). **"Chronosequences of Aleppo pine stand: Nutrient**

- distribution**". Forest Ecology and Management, 141 (2001), p. 259-269. *Included in the Scientific Journals International Catalogue **Science Citation Index with Impact Factor 1,992***.
8. Maris Fotios, (2000). "**The torrent environment of natural lakes in Greece**", Doctoral Dissertation, June 2000, Thessaloniki.
  9. Maris Fotios, (1997). "**The torrent environment of Lake Vistonida**", Scientific Yearbook of the Department of Forestry and Natural Environment, in Honour of Professor Emeritus K. P. Panetsos. Volume M/2/1997, Vol. 40/1, p. 579-599.
  10. Maris Fotios, (1997). "**The torrent environment of Lake Kastoria**", Scientific Yearbook of the Department of Forestry and Natural Environment, in Honour of Professor Emeritus K. P. Panetsos. M/2/1997, Vol. 40/1, p. 602-620.
  11. Maris Fotios, (1998). "**The torrent environment of Lakes Prespes**", Scientific Yearbook of the Department of Forestry and Natural Environment Volume MA/1-VOL.41/1, THESSALONIKI 1998, in Honour of Professor Emeritus Mr. Loukas G. Arvanitidis, p. 385-402.
  12. Maris Fotios, (1998). "**The torrent environment of Lake Pamvotida**", Maris Fotios, (1998). "The torrent environment of Lake Pamvotida", Scientific Yearbook of the Department of Forestry and Natural Environment Volume MA/1-VOL.41/1, THESSALONIKI 1998, in Honour of Professor Emeritus Mr. Loukas G. Arvanitidis, p. 365-381.

#### **A.22.2. After the election to the rank of lecturer of the Democritus University of Thrace**

13. Pavlidis Th., Maris F., Marinos D., (2002). "**Aqueous potential and aqueous balance of the torrent flows in Northern Pieria**". Pavlidis Th., Maris F., Marinos D., (2002). "Aqueous potential and aqueous balance of the torrent flows in Northern Pieria". Scientific Yearbook of the Department of Forestry and Natural Environment Volume MA/2-VOL.41/2, THESSALONIKI 1998, in Honour of Professor Emeritus Mr. Loukas G. Arvanitidis, p. 1597-1618.
14. Maris F., Iliadis I., Marinos D. and Tsataltzinos Ch., (2004). "**Evaluation of the torrent hazard of mountainous watersheds in Rhodope using a decision support system: Use of the triangular function member**". Oral presentation after the discretion of the conference scientific committee. ***Proceedings p. 469-478 ISBN: 960-87107-6-6*** (Geotechnical Chamber of Greece Publications) of the 1<sup>st</sup> National Environmental Conference (Contemporary Environmental Issues), the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, **Orestiada**, 7-9 May 2004.
15. Maris F., Marinos D., (2004). "**Aqueous potential and aqueous balance of the main torrent flows in N. Kimolos**". Oral presentation after the discretion of the conference scientific committee. ***Proceedings p. 529-541 ISBN: 960-87107-6-6*** (Geotechnical Chamber of Greece Publications) of the 1<sup>st</sup> National Environmental Conference (Contemporary Environmental Issues), the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, **Orestiada**, 7-9 May 2004.
16. Maris F., Pavlidis Th., Marinos D., (2004). "**The morphometric – hydrographic characteristics of the watersheds in Chortiatis,**



- Thessaloniki**". Oral presentation after the discretion of the conference scientific committee. ***Proceedings p. 550-564*** ISBN: 960-87107-6-6 (Geotechnical Chamber of Greece Publications) of the 1<sup>st</sup> National Environmental Conference (Contemporary Environmental Issues), the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, **Orestiada**, 7-9 May 2004.
17. Pavlidis Th., Maris F., Marinos D., (2004). "**Aqueous potential and aqueous balance of the torrent flows in the Mountainous Volume of Chortiatis**". Oral presentation after the discretion of the conference scientific committee. ***Proceedings p. 565-592*** ISBN: 960-87107-6-6 (Geotechnical Chamber of Greece Publications) of the 1<sup>st</sup> National Environmental Conference (Contemporary Environmental Issues), the Department of Forestry and Environmental and Natural Resources Management of the Democritus University of Thrace, **Orestiada**, 7-9 May 2004.
  18. Spartalis S., L. Iliadis, F. Maris, (2004). "**Using Fuzzy Sets, Fuzzy Relations, Alpha Cuts and Scalar Cardinality to estimate the Fuzzy Entropy of a Risk evaluation System: The case of Greek Thrace Torrential Risk**". Included in the proceedings of the Conference "*International Conference of Computational Methods in Sciences and Engineering 2004 (ICCMSE 2004* November, Athens) of *European Society of Computational Methods in Sciences and Engineering* which were published in the ***National Scientific Journal LECTURE SERIES ON COMPUTER AND COMPUTATIONAL SCIENCES Volume 1, 2004 pp. 487-490*** ISBN: 90-6764-418-8 ISSN: 1573-4196 της *VSP International Science Publishers, Netherlands*.
  19. Manolas Ev., Walter Leal Filho, Maris F., (2004). "**The use of photography in environmental education: the case of soil erosion**". It was accepted for Oral presentation after the discretion of the conference scientific committee II WEEC, World Environmental Education Congress, Rio de Janeiro, Brazil, 18<sup>th</sup> September 2004.
  20. Iliadis L., Maris F., Marinos D. (2004). "**A Decision Support System using Fuzzy relations for the estimation of long-term torrential risk of mountainous watersheds: The case of river Evros**". ***Proceedings pp.712-714*** of the 5<sup>th</sup> national conference, «*5<sup>th</sup> International Symposium on Eastern Mediterranean Geology*». Oral presentation was made after the discretion of the conference scientific committee. **Thessaloniki**, University of Macedonia, 14-20 April 2004.
  21. Iliadis L., Spartalis S., Maris F., Marinos D. (2004). "**A Decision Support System Unifying Trapezoidal Function Membership Values using T-Norms: The case of river Evros Torrential Risk Estimation**". Oral presentation after the discretion of the conference scientific committee. ***Proceedings*** of the *National Conference ICNAAM* (International Conference in Numerical Analysis and Applied Mathematics) of the international publications ***J. Wiley-VCH Verlag GmbH Publishing co. pp.173-177*** ISBN 3-527-40563-1 **Weinheim Germany**. *Copies of the proceedings are registered in "Die Deutsche Bibliothek", in "British Library" and in the "Library of Congress"*. The conference took place in Chalkida from 10<sup>th</sup> to 14<sup>th</sup> September 2004, and was organized by ESCMSE (*European Society of Computational Methods in Sciences and Engineering*).
  22. Maris F., Iliadis L. (2004) "A Decision Support System using Fuzzy relations for the estimation of long-term torrential risk of mountainous watersheds: the

- case of lakes Trixonida and Lisimaxia" Oral presentation. Proceedings of the *National Conference "Eco-Engineering". The use of Vegetation to improve Slope Stability". Organizers: IUFRO (International Union of Forest Research Organisations) Universite Bordeaux Laboratoire de Rheologie du Bois de Bordeaux France, ESSC (European Society for Soil Conservation) IGS (International Geosynthetics Society) GMBA (Global Mountain Biodiversity Assessment) WASWC (World Association of Soil and Water Conservation) INRA France (Institute National de la Recherche Agronomique) NAGREF Greece, Thessaloniki, 13-17 September 2004, p.p. 247-254.*
23. Maris F., Iliadis L., Marinos D. (2004) "**Estimation of the torrential risk of Rodopi mountainous watersheds, by a Fuzzy Decision Support System: The case of Trapezoidal Membership function and Fuzzy conjunction**" Proceedings p. 222-229, ISSN: 1109-6111X ISBN: 960-7475-29-1(SET) ISBN: 960-7475-30-5.. Oral presentation in English after the discretion of the conference scientific committee of the 7<sup>th</sup> International Geographical Conference. Greek Geographical Society Aegean University, Mytilene, 14-17 October 2004.
  24. Pavlidis Th., Marinos D., Maris F., (2004). "**The morphometric – hydrographic characteristics of the torrents in Northern Pieria**" Proceedings p. 254-261, ISSN: 1109-6111X ISBN: 960-7475-29-1(SET) ISBN: 960-7475-30-5. Oral presentation in Greek after the discretion of the conference scientific committee of the 7<sup>th</sup> International Geographical Conference. Greek Geographical Society Aegean University, Mytilene, 14-17 October 2004.
  25. Maris F., Marinos D., (2004). "**Aqueous potential and aqueous balance of the torrent flows in Tinos**" Proceedings p. 230-238. ISSN: 1109-6111X ISBN: 960-7475-29-1(SET) ISBN: 960-7475-30-5. Oral presentation in Greek after the discretion of the conference scientific committee of the 7<sup>th</sup> National Geographical Conference. Greek Geographical Society Aegean University, Mytilene, 14-17 October 2004.
  26. Maris F., Iliadis L., and Tsataltzinos Th. (2005). "**Estimation of the torrential risk of Samothraki mountainous watersheds, using the Information System TORRISDESSYS**" Oral presentation after the discretion of the conference scientific committee of the 5<sup>th</sup> International Conference of the Greek Committee for Water Resources Management entitled "Complete Water Resources Management based on the Watershed". Proceedings p. 283-290. Department of Civil Engineer and Department of Environmental Engineer of the Democritus University of Thrace, School of Rural and Surveying Engineering of the National Technical University of Athens, Department of Engineering, Xanthi, (6-9 April 2005).
  27. Iliadis L., Maris F., Tsataltzinos T. (2005). "**An innovative Decision Support System using Fuzzy Reasoning for the Estimation of Mountainous Watersheds Torrential Risk: The case of Lakes Koroneia and Vovli**" Poster Presentation in the National Conference of IUFRO entitled: "*Sustainable Forestry in theory and practice: recent advances in inventory and monitoring statistics and modelling information and knowledge management and policy science*" after the discretion of the conference scientific committee, it was decided to be included in the Proceedings and a confirmation was sent till the print procedure. University of Edimburgh, UK. 5-8 April 2005.
  28. L. Iliadis, F. Maris, (2005). "**An Artificial Neural Network to Estimate Average Maximum Instant Water-Flow of Watersheds**" Orally

- presented in the 9<sup>th</sup> International Conference entitled «9<sup>th</sup> International Conference on Engineering Applications of Neural Networks» (EANN 2005), which took place from 24<sup>th</sup> to 26 August in **Lille, France**. My work is included in the **Proceedings** of the Conference pp. 215-222. The organization was made by *Departement Genie Informatique et Productique, Ecole des Mines de Douai, France, Laboratoire LAGIS-UMR CNRS 8146, Universite des Sciences et Technologies de Lille France, School of Mathematics Kingston upon Thames University England*.
29. Iliadis L., Maris F., Spartalis S., Tsataltzinos T., (2005). "**An innovative Fuzzy Additive Algebraic Model incorporated by a DSS for Risk Estimation (The case of Evros Torrential Risk)**". Orally presented in the International Conference entitled *ICNAAM 2005 (International Conference in Numerical Analysis and Applied Mathematics)*, which took place in Rhodes, in September, 2005 (16-20/9). It is included in the **Proceedings** of the conference which were published by the **publications Wiley-Vch Verlag GmbH&Co, KGaA, Weinheim ISBN: 3-527-40652-2 -9783527 406524**. It was organized by the *European Society of Computational Methods in Sciences and Engineering*.
  30. F. Maris, L. Iliadis, A. Vasileiou, (2005). "**An Artificial Neural Network to Estimate Maximum Potential Load of Sediments: A Preliminary Study**" **Proceedings** p.418-431 of the International Conference entitled με "Information Technologies in Environmental Engineering (ITEE) 2005", which took place in **Magdeburg, Germany** from 25th to 27th September Shaker Verlag ISBN: 3-8322-4362-3 ISSN:1618-2308. It is organized by *OTTO-VON-GUERICKE-UNIVERSITÄT MAGDEBURG GERMANY*.
  31. Maris F., Anagnostopoulou A., (2005). "**The degradation of the mountainous hydro-watersheds of Samothraki**". Scientific Yearbook of the Department of Forestry and Natural Environment Volume MB/2 – VOL. 42/2 /Thessaloniki 1999, in Honour of Professor Emeritus Mr. Dimitrios Kotoulas.
  32. Maris F., (2005). "**The degradation of the mountainous hydro-watersheds of Lake Trichonida**". Scientific Yearbook of the Department of Forestry and Natural Environment Volume MB/1 – VOL. 42/1 /Thessaloniki 1999, in Honour of Professor Emeritus Mr. Dimitrios Kotoulas.
  33. Maris F., Marinos D., (2005). "**The flood problem of Thrace during the last fifty years**". **κατά την τελευταία πενηκονταετία**". Scientific Yearbook of the Department of Forestry and Natural Environment Volume MB/2 – VOL. 42/2 /Thessaloniki 1999, in Honour of Professor Emeritus Mr. Dimitrios Kotoulas.
  34. Maris F., Vassiliou A., Pavlidis Th., (2005). "**Evaluation of sediment discharge in the watershed of the barrier Provatonas, Evros, with global soil loss equation using geographical information system**". in Greek It was accepted after the discretion of the conference scientific committee for *Oral presentation*, and was included in the proceedings of the 12<sup>th</sup> National Forestry Conference of the Greek Forestry Company issued: "Forest and Water, Natural Environment Protection». Greek Forestry Company, Department of Forestry and Natural Environment Management in Drama, Technical Education Institute of Kavala, Drama (2-5 October 2005).
  35. Maris F., Iliadis I., Vassiliou A., (2006). «**Evaluation of sediment discharge in the Suburban Forest of Thessaloniki (Seih Sou) using G.I.S.**». It was accepted after the discretion of the conference scientific

- committee for publication in the Scientific Volume of Hellenic Association for ICT in Agriculture Food and Environment p. 115-135.
36. Maris F., Iliadis L., Spartalis St., (2006). "**Development of Artificial Neural Network Fuzzy Assessment Grade Torrent Risk for Thassos**". It was accepted for oral presentation after the discretion of the conference scientific committee of the 10<sup>th</sup> Conference of Greek Hydrotechnical Association issued: "Water resources Management and Environmental Protection- Contemporary Considerations, Problems and Perspectives", Xanthi, 19-21 October 2006, published in the conference's proceedings.
  37. Maris F., Vassiliou A., Deliapostolou D., Aidinoglou Z., (2006). "**Evaluation of sediment discharge in the watershed of Thassos using soil loss equation (USLE) in collaboration with G.I.S**". It was accepted for oral presentation after the discretion of the conference scientific committee of the 10<sup>th</sup> Conference of Greek Hydrotechnical Association issued: "Water resources Management and Environmental Protection- Contemporary Considerations, Problems and Perspectives", Xanthi, 19-21 October 2006, published in the conference's proceedings.
  38. Pavlidis Th., Marinou D., Maris D., (2006). "**Contribution to the utilization of the water potential of the torrents in order the aquatic problems to be solved**". It was accepted for oral presentation after the discretion of the conference scientific committee of the 10<sup>th</sup> Conference of Greek Hydrotechnical Association issued: "Water resources Management and Environmental Protection- Contemporary Considerations, Problems and Perspectives", Xanthi, 19-21 October 2006, published in the conference's proceedings.
  39. Maris F., Angelidis P., Kotsovinos N., (2006). "**European Directive on the assessment of the floods**". It was accepted for oral presentation after the discretion of the conference scientific committee of the 10<sup>th</sup> Conference of Greek Hydrotechnical Association issued: "Water resources Management and Environmental Protection- Contemporary Considerations, Problems and Perspectives", Xanthi, 19-21 October 2006, published in the conference's proceedings.
  40. Manolas Ev., Walter Leal Filho, Maris F., (2004). "**The use of photography in environmental education: the case of soil erosion**". It was presented in the seminar issued: Water and Aquatic Ecosystems, 12-13 November 2004, in Alexandroupolis, which was co-organised by the Greek Ministry of Education and Religious Affairs and UNESCO, and which was published in a special edition. It was accepted for oral presentation after the discretion of the conference scientific committee of II WEEC, and was presented in the World Environmental Education Congress, Rio de Janeiro, Brazil, 18<sup>th</sup> September 2004.
  41. Iliadis L., Maris F., (2006). "A fuzzy smart database estimating the Torrential Risk of the Panaitoliko mountain watersheds". It was accepted for oral presentation after the discretion of the conference scientific committee, in order to be published in the proceedings of the Hellenic Association for ICT in Agriculture Food and Environment of the University of Thessaly, of the Technological Education Institute of Larissa and of COST 725, which took place from 20<sup>th</sup> to 23<sup>rd</sup> September, 2006, in Volos.
  42. Glezakos Th., Maris F., Iliadis L., Tsiligiridis Th., Yialouris C., (2006). "**Neuro-Genetic modeling of torrential environmental risk: the case of the lakes Volvi and Koroneia**". It was accepted for oral presentation after the discretion of the conference scientific committee, in order to be

published in the proceedings of the Hellenic Association for ICT in Agriculture Food and Environment of the University of Thessaly, of the Technological Education Institute of Larissa and of COST 725, which took place from 20<sup>th</sup> to 23<sup>rd</sup> September, 2006, in Volos.

43. Vassiliou A., Maris F., Iliadis L., (2006). **"Estimation of sediments load in the "Lyra" forest-dam area using GIS"**. It was accepted for poster presentation after the discretion of the conference scientific committee, in order to be published in the proceedings of the Hellenic Association for ICT in Agriculture Food and Environment of the University of Thessaly, of the Technological Education Institute of Larissa and of COST 725, which took place from 20<sup>th</sup> to 23<sup>rd</sup> September, 2006, in Volos.
44. Iliadis L., Maris F., Spartalis St., (2006). **"A fuzzy information system estimating the torrential risk of the Erythropotamos river"**. It was accepted for oral presentation after the discretion of the conference scientific committee of the 1<sup>st</sup> International Scientific Conference of the Department of Forestry and Environmental Natural Resources Management of the Democritus University of Thrace, issued: «Sustainable Management and Development of Mountainous and Island Areas», Naxos, Koronos Naxos, from 29<sup>th</sup> September to 1<sup>st</sup> October 2006, and it was published in the proceedings.
45. Maris F., Karagiorgos K., Anastasiadis S., Vassiliou A., Karagiannis I., (2006). **"Soil loss evaluation in the Polifitou lake basin using Geographical Information System"**. It was accepted for oral presentation after the discretion of the conference scientific committee of the 1<sup>st</sup> International Scientific Conference of the Department of Forestry and Environmental Natural Resources Management of the Democritus University of Thrace, issued: «Sustainable Management and Development of Mountainous and Island Areas», Naxos, Koronos Naxos, from 29<sup>th</sup> September to 1<sup>st</sup> October 2006, and it was published in the proceedings.
46. Pavlidis Th., Marinos D., Maris F., (2006). **"Weight dams for water saving in torrents : Sustainable utilization of water as the solution for the water shortages at Cyclades islands"**. It was accepted for oral presentation after the discretion of the conference scientific committee of the 1<sup>st</sup> International Scientific Conference of the Department of Forestry and Environmental Natural Resources Management of the Democritus University of Thrace, issued: «Sustainable Management and Development of Mountainous and Island Areas», Naxos, Koronos Naxos, from 29<sup>th</sup> September to 1<sup>st</sup> October 2006, and it was published in the proceedings.
47. Marinos D., Maris F., (2006). **"Estimation of Cyclades islands water balance and the problem of sustainable water utilization"**. It was accepted for oral presentation after the discretion of the conference scientific committee of the 1<sup>st</sup> International Scientific Conference of the Department of Forestry and Environmental Natural Resources Management of the Democritus University of Thrace, issued: «Sustainable Management and Development of Mountainous and Island Areas», Naxos, Koronos Naxos, from 29<sup>th</sup> September to 1<sup>st</sup> October 2006, and it was published in the proceedings.

#### **A.22.3. After the election to the rank of Assistant Professor of the Democritus University of Thrace**

48. Pavlidis Th., Maris F., Bekiaroglou P., (2006). **"Abschaetzung des abtrages, des maximalen geschiebemenge und des hochwassers der wildbaeche des bergmassives «Hortiatis» in der region von**

- Thessaloniki**". It was published in the International Scientific Journal JOURNAL FÜR WILDBACH, LAWINEN, EROSIONS UND STEINSCHLAGSCHUTZ, Heft 154, p. 87-103 September 2006, Austria.
49. Spartalis S., L. Iliadis, F. Maris, (2007). It is about an improved, modified version (based on the judges' indications) of the thesis numbered **18 "An Innovative Risk Evaluation System Estimating its own Fuzzy Entropy"**. The current thesis **was selected among the conference's theses (ICCMSE 2004, November, Athens)** after a peer review and was **published** in the International Scientific Journal **JOURNAL OF MATHEMATICAL AND COMPUTER MODELING** of Elsevier Science publications, ISSN: 08957177. It is included in the international Scientific Journals catalogue of **Science Citation Index with Impact Factor 1,066**. Citations: 5.
  50. Iliadis L., Maris F., (2007). "**An Artificial Neural Network model for Mountainous Water-Resources Management: The case of Cyprus Mountainous Watersheds**". It was published in the International Scientific Journal ENVIRONMENTAL MODELLING AND SOFTWARE of Elsevier Science Publications ISSN: **1364-8152**, Centre for Resource and Environmental Studies, The Australian National University, Canberra, Australia, and it is included in the international Scientific Journals catalogue of **Science Citation Index with Impact Factor 2,871**.
  51. T. Glezakos, Th. Tsiligiridis, L. Iliadis, C.Yialouris, F. Maris, K. Ferentinos (2007). "**Feature Extraction for Time Series Data: An Artificial Neural Networks Evolutionary Training Model for the Management of Mountainous Watersheds**". It was accepted for oral presentation after discretion of the conference scientific committee and it was included in the proceedings of the 10<sup>th</sup> International Conference of Engineering Applications of Neural Networks (EANN 2007), 29-31 August 2007, Thessaloniki, Greece.
  52. Maris F., Anastassiadis St., Karagiorgos K., (2007). "**Hydrological investigation of Lake Kastoria**". It was accepted for oral presentation after discretion of the conference scientific committee, of the 8<sup>th</sup> National Geographical Conference of the Hellenic Geographical Company, Geology and Geoenvironment Department, Athens (4-7 October 2007) and it was included in the proceedings of the conference.
  53. Karagiorgos K., Anastassiadis St., Maris F., (2007). "**Estimated soil loss in the watershed of Lake Plastiras using Geographic Information System**". It was accepted for oral presentation after discretion of the conference scientific committee, of the 8<sup>th</sup> National Geographical Conference of the Hellenic Geographical Company, Geology and Geoenvironment Department, Athens (4-7 October 2007) and it was included in the proceedings of the conference.
  54. Manolas Evang., Maris F., (2007). "**The usage of digital maps in environmental education: An active learning approach**". It was accepted for oral presentation after discretion of the conference scientific committee, of the 8<sup>th</sup> National Geographical Conference of the Hellenic Geographical Company, Geology and Geoenvironment Department, Athens (4-7 October 2007) and it was included in the proceedings of the conference.
  55. Maris F., Anastassiadis St., Karagiorgos K., Potouridis S. (2007). "**Hydrological investigation of the watershed of Lake Plastiras**". It was accepted for oral presentation after discretion of the conference scientific committee, of the 13<sup>th</sup> National Conference of Forestry of the Hellenic

- Forestry Society, Display Case Auction of Kastoria, Kastoria (7-10 October 2007) it was included in the proceedings of the conference.
56. Iliadis L., Maris F., Tsatalzinos T. (2008). **"An innovative Decision Support System using Fuzzy Reasoning for the Estimation of Mountainous Watersheds Torrential Risk: The case of Lakes Koroneia and Vovli"**. It was published in the International Scientific Journal Forest Biometry, Modelling and Information Sciences E-JOURNAL (FBMIS Volume 1, 2008, pages 11-22, [www.fbmis.info/A/8\\_1\\_IliadisL\\_1](http://www.fbmis.info/A/8_1_IliadisL_1)), ISSN 1740-5955.
  57. F. Maris, St. Anastassiadis, K. Karagiorgos (2008). **" Hydrological investigation of the watershed of of the barrier Sissanio Kozani" Σισσανίου Κοζάνης"**. It was accepted after discretion and it was published in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 1<sup>st</sup> (K. Sideris), ISBN: 978-960-89345-3-5, ISBN: 978-960-89345-4-2, Orestiada, 2008.
  58. K. Karagiorgos, St. Anastassiadis, F. Maris (2008). **" Evaluation of the territorial loss in the watershed of Sissanio Kozani using geographic information system"**. It was accepted after discretion and it was published in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 1<sup>st</sup> (K. Sideris), ISBN: 978-960-89345-3-5, ISBN: 978-960-89345-4-2, Orestiada, 2008.
  59. St. Anastassiadis, K. Karagiorgos, F. Maris (2008). **" Evaluation of the territorial loss in the watershed of the barrier Papadia-Skopos with the universal soil loss equation using geographical information system"**. It was accepted after discretion and it was published in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 1<sup>st</sup> (K. Sideris), ISBN: 978-960-89345-3-5, ISBN: 978-960-89345-4-2, Orestiada, 2008.
  60. T. Glezakos, T. Tsiligiridis, L. Iliadis, C. Yialouris, F. Maris, P. Ferendinos (2009). **"Feature Extraction for Time Series Data: an Artificial Neural Network Evolutionary Training Model for the Management of Mountainous Watersheds"**. It was published in the International scientific journal NEUROCOMPUTING, vol. 73, Issue 1-3 pp. 49-59 ISSN: 0925-2312 Elsevier Science, which is included in the Scientific Journals International Catalogue of **Science Citation Index with Impact Factor 1,442**.
  61. G. Mallinis, F. Maris, I. Kalinderis, N. Koutsias (2009). **"Assessment of land degradation risk due to soil erosion in fire affected watersheds using RS and GIS"**. It was published in the International scientific journal *GIScience & Remote Sensing*, 2009, **46**, No. 4, p. 388–410. DOI: 10.2747/1548-1603.46.4.388, Copyright © 2009 by Bellwether Publishing, Ltd, which is included in the Scientific Journals International Catalogue of **Science Citation Index with Impact Factor 1,77**.
  62. F. Maris, I. Kalinderis, G. Mallinis (2009). **" Estimation of stereo load average of mountainous watersheds after the impact of forest fires using remote sensing data and GIS: The case of Cassandra"**. It was accepted for *oral presentation* in the joint conference of the Greek Hydrotechnical Association and in the Greek Water Resources Management Company issued: "Complete Water Resources Management under climate change conditions" 27-30 May 2009, University of Thessaly, Volos, and it was included in the proceedings p. 221-228, SET 978-960-6865-05-3, ISBN 978-960-6865-06-0.

63. G. Papaioannou, F. Maris, A. Loukas (2009). "**Estimation of the watershed erosion of the River Kosynthos**". It was accepted for *oral presentation* in the joint conference of the Greek Hydrotechnical Association and in the Greek Water Resources Management Company issued: "Complete Water Resources Management under climate change conditions" 27-30 May 2009, University of Thessaly, Volos, and it was included in the proceedings p. 453-460, SET 978-960-6865-05-3, ISBN 978-960-6865-06-0.
64. I. Kalinderis, F. Maris (2009). "**Estimation of the average annual soil loss and sediment yield annual average basis for the rational management of watersheds**". It was accepted after discretion in order to be published, in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 2<sup>nd</sup> (Ath. Karabinis), Orestiada, 2009.
65. F. Maris, St. Anastasiadis (2009). "**Hydrological investigation of the sub-watershed of the River Aaos**". It was accepted after discretion in order to be published, in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 2<sup>nd</sup> (Ath. Karabinis), Orestiada, 2009.
66. F. Maris, I. Kalinderis, G. Mallinis (2009). "**Classification system of watersheds and quantification of the necessary biological and technical projects for their restoration after fire**". It was accepted after discretion in order to be published, in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 2<sup>nd</sup> (Ath. Karabinis), Orestiada 2009, p. 475-490.
67. K. Sarvanis, Ap. Vassiliou, I. Kalinderis, L. Iliadis, F. Maris (2009). "**Estimation of the average annual soil loss using two empirical methods and the help of G. I. S.: The Case of Skopelos**". It was accepted after discretion in order to be published, in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 2<sup>nd</sup> (Ath. Karabinis), Orestiada 2009.
68. F. Maris, I. Kalinderis, N. Tsopela (2009). "**Integrated River Basin Management and flood risk management in the light of mountain hydromorphology on Greece**". It was published in the International Scientific Journal JOURNAL FÜR WILDBACH, LAWINEN, EROSIONS UND STEINSCHLAGSCHUTZ, Austria, (Issue no 165, May 2010).
69. F. Maris (2010). "**Climate change and mountainous waters management: Greek reality**". It was accepted after discretion for presentation and it was published in the proceedings of the 1<sup>st</sup> Scientific 2-Day Conference of the Mountainous Waters and Hazards Management Laboratory, of the Department of Forestry and Environmental and Water Resources Management, which took place in Orestiada, 5-6 June 2009, p. 19-27, ISBN:978-960-89345-7-3.
70. P. Angelidis, N. Kotsovinos, M. Kotsikas, F. Maris (2010). "**Mild flood protection actions in transnational river Evros: rainfall forecast - runoff in combination to rational barrier management**". It was accepted after discretion for presentation and it was published in the proceedings of the 1<sup>st</sup> Scientific 2-Day Conference of the Mountainous Waters and Hazards Management Laboratory, of the Department of Forestry and Environmental and Water Resources Management, which took place in Orestiada, 5-6 June 2009, p. 43-59, ISBN:978-960-89345-7-3.
71. Th. Papagiannis, A. Vassiliou, I. Kalinderis, S. Potouridis, F. Maris (2010). "**Mountainous watersheds management after fire for controlling soil**



- erosion. The case of Skiathos.”** It was accepted after discretion for presentation and it was published in the proceedings of the 1<sup>st</sup> Scientific 2-Day Conference of the Mountainous Waters and Hazards Management Laboratory, of the Department of Forestry and Environmental and Water Resources Management, which took place in Orestiada, 5-6 June 2009, p. 81-92, ISBN:978-960-89345-7-3.
72. Ap. Vassiliou, F. Maris, Ath. Loukas, L. Vassiliadis (2010). “ **Creation of a computer model of water supplies using a neural network in the watershed of Yermasoyia in Cyprus**”. It was accepted after discretion for presentation and it was published in the proceedings of the 1<sup>st</sup> Scientific 2-Day Conference of the Mountainous Waters and Hazards Management Laboratory, of the Department of Forestry and Environmental and Water Resources Management, which took place in Orestiada, 5-6 June 2009, p. 121-136, ISBN:978-960-89345-7-3.
73. F. Maris, A. Vasileiou (2010). “**Hydrology and the Torrential Environment**”. It was published after discretion in the scientific volume entitled “The Dadia – Lefkimi - Soufli Forest National Park, Greece: Biodiversity, Management and Conservation” which was published by WWF Hellas, p. 41-45, Athens.
74. G. Mallinis, D. Emmanoloudis, V. Giannakopoulos, F. Maris, N. Koutsias (2010). “**Mapping and interpreting historical land use/land cover changes in a Natura 2000 site using earth observational data: the case of Nestos delta, Greece**”. It was published in the International Scientific Journal *Applied Geography*. 31 (1): 312–320 **Impact factor : 3.08**.
75. F. Maris, L. Iliadis, St. Tachos, Ath. Loukas, I. Spartali, Ap. Vassileiou, El. Pimenidis (2010). “**Support Vector Machines-Kernel algorithms for the estimation of the water supply in Cyprus**”. It was submitted and accepted for oral presentation after discretion, and it was published in the proceedings of the 20th International Conference on Artificial Neural Networks, September 15-18, 2010, Thessaloniki, Greece (Springer Lecture Notes in Computer Science), p. 21-29.
76. F. Maris, K. Kitikidou (2011). “**Spatial Patterns for Watersheds Erosion**”. It was published after discretion in the Scientific Journal *Environmental Modeling and Assessment* of Springer publications, which is included in the International Scientific Journal Catalogue *Science Citation Index* with **Impact Factor 0,980**, DOI 10.1007/s10666-011-9284-0.
77. F. Maris, K. Kitikidou, P. Angelidis, S. Potouridis (2011). “**Kriging interpolation model for estimation of continuous spatial distribution of precipitation in Cyprus**”. *British Journal of Applied Science and Technology*, 3(4), 1286-1300. doi:10.9734/bjast/2013/5045.
78. G. Ktenas, Ap. Vassiliou, F. Maris, I. Kalinderis (2011). “ **Assessment of general corrosion and degradation using three stochastic methods and the help of G.I.S.**”. The case of the River Lissos”. It was accepted after discretion, and it was published, in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 3<sup>rd</sup> (Efsthios Tsachalidis), p. 427-448, ISBN Series 978-960-89345-3-5, ISBN 978-960-9668-01-6, Orestiada, 2011.
79. F. Maris, N. Theofanous (2011). “**The main problems during the construction of anti-erosion works after a fire. The case of a fire in Rhodes in July 2008**”. It was accepted after discretion, and it was published, in the Scientific Yearbook of the Department of Forestry and

- Environmental and Natural Resources Management, Volume 3<sup>rd</sup> (Efstathios Tsachalidis), p. 411-426, ISBN Series 978-960-89345-3-5, ISBN 978-960-9668-01-6, Orestiada, 2011.
80. I. Roumelis, F. Maris (2011). **"Terraces of dry stone: types, construction techniques and usefulness"**. It was accepted after discretion, and it was published, in the Scientific Yearbook of the Department of Forestry and Environmental and Natural Resources Management, Volume 3<sup>rd</sup> (Efstathios Tsachalidis), p. 449-484, ISBN Series 978-960-89345-3-5, ISBN 978-960-9668-01-6, Orestiada, 2011.
  81. L. Iliadis, F. Maris, St. Tachos, (2011). **"Soft computing techniques toward modeling the water supplies of Cyprus"**. It was published after discretion in the Scientific Journal NEURAL NETWORKS, by Elsevier publications, 2011 Special Issue, Issue 24 (2011), p. 836-841, which is included in the International Scientific Journal Catalogue Science Citation Index 2012 with **Impact Factor 1,972**.
  82. Mallinis, G., Gitas, I.Z., Giannakopoulos, V., Maris, F., and Tsakiri-Strati, M. 2013. An object-based approach for flood area delineation in a transboundary area using ENVISAT ASAR and LANDSAT TM data. International Journal of Digital Earth, 6, 124-136 with **Impact Factor 3.29**.
  83. P. Angelidis, F. Maris, N. Kotsovinos, Vl. Hrissanthou, (2012). **"Computation of drought index spi with alternative distribution functions"**. It was published after discretion in the Scientific Journal International Journal of Water Resources Management, Volume 23, No 4, March 2009, which is included in the International Scientific Journal Catalogue Science Citation Index with **Impact Factor 2,60**.
  84. F. Maris, (2012). **" An new innovative decision support system using fuzzy reasoning for the estimation of mountainous watersheds torrential risk (Tor-SYS): The case of river Kosynthos "**. Δημοσιεύθηκε στο επιστημονικό περιοδικό **Fresenius Environmental Bulletin, PSP - Parlar Scientific Publications, Vol. 21; No. 9a. 2012, pp. 2711-2721**, which is included in the International Scientific Journal Catalogue Science Citation Index with **Impact Factor 0,716**.
  85. Xanthos Papakonstantinou, Lazaros Iliadis, Elias Pimenidis, Fotis Maris, (2011). **" Fuzzy Modeling of the Climate Change Effect to Drought and to Wild Fires in Cyprus "**. It was submitted and accepted for oral presentation after discretion in the ISOLIS workshop of Engineering Applications of Neural Networks/Artificial Intelligence Applications and Innovations (12th INNS EANN-SIG International Conference, EANN 2011 and 7th IFIP WG 12.5 International Conference, AIAI 2011) which took place in Corfu, Greece, September 15-18, 2011, Proceedings, Part I-II, pp. 516-528, 2011 and it was published in the proceedings Springer Lecture Notes in Computer Science.
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  87. F. Maris, G. Varsami and A. Vasiliou, (2012). **" Estimation of the prefecture of Evros vulnerability in flood cases using gis and fuzzy**

- set algebra**". It was accepted for oral presentation in the Sixteenth INTERNATIONAL WATER TECHNOLOGY CONFERENCE, IWTC-2012, Istanbul -Turkey, 7 May – 10 May 2012 and it was published in the **International Water Technology Journal, Vol. 2 – No 2, June 2012, United Nations Educational Scientific and Cultural Organization (UNESCO)**.
88. Karagiorgos K., Chiari M., Maris F., Fuchs S., (2011). "**Quantification of vulnerability for elements at risk exposed to torrent processes in Mediterranean regions**". It was accepted for poster presentation in EGU 2011, European Geosciences Union General Assembly 2011, Vienna, Austria, 03 – 08 April 2011.
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#### **A.22.4. After the election to the rank of Associate Professor of the Democritus University of Thrace**

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91. Karagiorgos K., Chiari M., Fuchs S., Thaler T., Maris F., Hübl, J., (2012). "**A Flood Damage Inventory For Quantitative Analyses Of Vulnerability In Flood Risk Management: Case Study Rafina, Greece**". It was accepted for presentation after discretion in SMARTeST International entitled conference - IMPLEMENTING FLOOD RESILIENCE, 27 – 28 September 2012, in Athens - Greece.
92. Karagiorgos, K., Maris, F., Mallinis G., & Kalinderis I. (2012). "**Developing An Automated Spatial Analysis Model For Soil Loss Estimation: The Louros River Mountainous Catchment Case Study**". It was published after discretion in the International Scientific Journal Journal für Wildbach, Lawinen, Erosions Und Steinschlagschutz, Austria, Heft\_170, pp. 278-291.
93. F. Maris, P. Mpachtis, A. Vassiliou (2012). "**Estimation of erosion of the mountainous watershed of the barrier Mesovouni**". It was accepted for oral presentation and it was published in the proceedings of the 2nd Joint Conference of Hellenic Hydrotechnical Association-Hellenic Committee of Water Resources Management 2012, p. 1238-1249, Co-organization: Department of Civil Engineering in Patra, Hydrocrites Univeristy Network, and the Technical Chamber of Greece, Western Greece, issued: Water Resources Complete Management, along the Sustainable Development, Patra, 11-13 October 2012, Conference and Cultural Center, University of Patra, Rio Campus.
94. F. Maris, G. Katatzios, (2012). "**Free Integrated Study Information System of Watershed Settlement (Torrential-MIK) using G.I.S.**". It was published after discretion in the Journal Publication of the Department of Forestry and Environmental and Natural Resources Management, 4<sup>th</sup> Volume, issued: Water Resources Complete Development, ISSN: 1791-7824, ISBN: 978-960-9698-05-4, p. 1-28.

95. F. Maris, G. Varsami, Ant. Pavlou, Ap. Vassiliou, (2012). "**Evaluation of the instantaneous unit hydrograph using the CLARK method and G.I.S.**". It was published after discretion in the Journal Publication of the Department of Forestry and Environmental and Natural Resources Management, 4<sup>th</sup> Volume, issued: Water Resources Complete Development, ISSN: 1791-7824, ISBN: 978-960-9698-05-4, p. 29-40.
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97. S. Potouridis, K. Xanthopoulou, Sp. Pararrizos, F. Maris, (2012). "**Erosion Models in the Mediterranean Area**". It was published after discretion in the Journal Publication of the Department of Forestry and Environmental and Natural Resources Management, 4<sup>th</sup> Volume, issued: Water Resources Complete Development, ISSN: 1791-7824, ISBN: 978-960-9698-05-4, p. 251-265.
98. Konstantinos Karagiorgos, Sven Fuchs, Thomas Thaler, Michael Chiari, Fotis Maris, Johannes Hübl (2012). "**A flood hazard database for Greece / Entwicklung einer Hochwasser Datenbank für Griechenland**". It was published after discretion in the International Scientific Journal Journal für Wildbach, Lawinen, Erosions Und Steinschlagschutz, Austria, Heft\_170, pp. 264-277.
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- Sperchios River basin in Central Greece.** International Journal of River basin management, 13(4), 475-486.
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  111. Paparrizos S., Maris F., (2015). **Hydrological simulation of Sperchios River basin in Central Greece using the MIKE SHE model and Geographic Information Systems.** Applied Water Science, DOI: 10.1007/s13201-015-0271-5.
  112. Paparrizos S., Maris F., Matzarakis A., (2015). **Integrated analysis of present and future response of precipitation over selected areas with different climate conditions.** Atmospheric Research, 169, 199-208.
  113. Maris, F., Kitikidou, K. (2016). **Tsunami hazard assessment in Greece – review of numerical modelling (numerical simulations) from twelve different studies.** Renewable and Sustainable Energy Reviews, με **Impact Factor 5.901** (*revised and submitted*).
  114. Maris, F., Kitikidou, K. (2016). **Use of log dams for erosion control - assessment considerations.** Forestry Ideas (*revised and submitted*).
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  116. Paparrizos S., Maris F., Matzarakis A., (2016). **Mapping of drought for the Sperchios River basin in central Greece.** Hydrological Sciences Journal. (*Accepted - In press*).
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  119. Paparrizos S., Maris F., Weiler M., Matzarakis A., (2016). **Analysis and mapping of present and future drought conditions over Greek**

- areas with different climate conditions.** Atmospheric Research (*Submitted*).
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  121. Mallinis, G., Gitas, I.Z., Tasionas, G. and Maris, F. (2016). Multi-temporal monitoring of land degradation risk due to soil loss in a fire-prone Mediterranean landscape using multi-decadal Landsat imagery. Water Resources Management, (accepted for publication) with **Impact Factor 2.60**.
  122. K. Karagiorgos, T. Thaler, J. Hübl, F. Maris, G. Mallinis, and S. Fuchs. (2015). Multi-vulnerability assessment for flash flood risk management in EastAttica, Greece. Geophysical Research Abstracts. Vol. 17, EGU2015-11312, 2015 EGU General Assembly 2015.
  123. Kotsikas M., Angelidis P., Maris F., Kopassakis K., Kotsovinos N. (2015). "Simulation Model of torrent watersheds with barriers-Implementation in Ardas" 3<sup>rd</sup> Joint Conference Hellenic Hydrotechnical Association-Hellenic Committee of Water Resources Management- Special Coordination Service, p. 41-48, 10-12/12/2015, Athens.
  124. Angelidis P., Maris F., Kopassakis K., Vassiliou A., Kotsovinos N. (2015). « Routing hydrographs in River Ardas - Overflow facilities and flood areas», 3<sup>rd</sup> Joint Conference Hellenic Hydrotechnical Association-Hellenic Committee of Water Resources Management- Special Coordination Service, p. 79-86, 10-12/12/2015, Athens.
  125. Polychronopoulou Katherine, Maris Fotios, Vassiliou Apostolos (2015). "Estimation of the flood risk and identification of the potential flood zones in the lowland route of the river Strymon using GIS and HEC-RAS", 1<sup>st</sup> G.I.S. and Rural Analysis in Agriculture and Environment Conference, proceedings 38-39, Agricultural University of Athens, Athens.
  126. Ioannis Tsitroulis, Konstantinos Voudouris, Apostolos Vasileiou, Christos Mattas, Marios Sapountzis and Fotis Maris, 2016, "Flood hazard assessment and delimitation of the likely flood hazard zones of the upper part in Gallikos River Basin", Number 231, EGE2016.

#### **A.22.5. Other Publications**

- I. Maris F., (2005). "**Common transnational watershed management plan of the river Evros Greece - Bulgaria - Turkey**". Journal Voreas, monthly review of social - cultural - tourism promotion, issue 4, September 2005, p. 36-38.
- II. Spartalis St., Maris F., Iliadis L., (2006). "**Evaluation of the mountainous watersheds of the County of Rhodope regarding their torrent-flood risks**". It was accepted for oral presentation after discretion of the scientific committee of the Conference of the Society of Educational Sciences in Komotini, issued: "Komotini and wider area (past-present-future)", and it was included in the proceedings 251-267, ISBN:960-87511-2-8, Komotini, 8-9 April 2005.
- III. Maris F., (2006). "**New European Directive for the evaluation of the floods**". **Νέα Ευρωπαϊκή Οδηγία για την αξιολόγηση των πλημμυρών**". Journal Voreas, monthly review of social - cultural - tourism promotion, issue 15, August 2006, p. 47-49.

- IV. Maris F., (2008). **"The National Problem of the floods of the River Evros"**. Journal Voreas, monthly review of social - cultural - tourism promotion, issue 38, August 2008, p. 34-37.

### **A.23. Connection with society**

#### **A.23.1. Lectures**

1. Lecturer in a Day-Conference of the Municipality of Thrace issued: **" Livestock farming and the protection of the natural environment in the island of Samothraki "**, Samothraki 3 November 2007.
2. Lecturer in a Day-Conference regarding the 33<sup>rd</sup> Precongress of the Employees of Hellenic Telecommunications Organization in Macedonia and Thrace Cultural Centers issued: **"Environment-Man-Culture "**, Orestiada, 3<sup>rd</sup> April 2008.
3. Lecturer in a Day-Conference **" Water Resources Management in Agriculture- Land Improvement Organizations"**, in the framework of the 5<sup>th</sup> National Conference of the Hellenic Federation of Employees of Land Improvement Organizations issued : **" The flood problems of the River Evros"**, Orestiada, 7<sup>th</sup> November 2008.
4. Lecturer in the International Conference **" Water Resources Management and National Waters Protection: The European Legal Framework, Best Practices and New Technologies "**, issued : **"The flood problems of the River Ardas "**, Organization : Intermunicipal Development and Promotion Enterprise of the River Ardas «Trigono-Kyprinos-Vyssa», Hellenic Agency for Local Development and Local Government, INTEN-SYNERGY International N.P.O., Orestiada, 23-24 January 2009.
5. Lecturer in a Day-Conference in the framework of the Rural Exhibition in Feres issued: **" The anti-erosion-anti-flood defenses and works after the fire"**, Organized by: Municipality of Alexandroupoli, Feres, 11-14 September 2011.
6. Lecturer in a Day-Conference of the Municipality of Alexandroupoli regarding the Global Day of Forestry, issued: **" Financial Crisis and Environment ask for solutions"**, Municipal Theatre, Alexandroupoli, 21 March 2012.

#### **A.23.2. Other**

1. **Representative of the Department in the Development Committee of the Association of Professional @ Craftsmen in Orestiada @ Region** (file number 398/3-12-2011).

**B. CERTIFICATES, SUPPORTING EVIDENCE, ETC.**