CV

Name: Lazaros Iliadis
Professor: School of Engineering, Department of Civil Engineering, Lab of Mathematics and Informatics (ISCE), Democritus University of Thrace, Greece.

Webpages

http://www.civil.duth.gr/department/dep/Iliadis.shtml
http://utopia.duth.gr/~liliadis/
https://scholar.google.gr/citations?user=SnqR9wYAAAAJ&hl=en
http://dblp.uni-trier.de/pers/hd/i/Iliadis:Lazaros_S=

1. General

Date of Birth: 26/10/**1963**
Phone - Office*: 25410-71649* Mobile: 6977894984
Email**: liliadis@civil.duth.gr**

2. Higher Education

2.1.

BSc in Mathematics, School of Positive Sciences, Department of Mathematics, Aristotle University of Thessaloniki, Greece. 1987.

2.2. Master

M.Sc. ***Master of Science in Computer Science,*** University of Wales**,** University College of **Swansea** United Kingdom, 1995.

2.3. PhD in Expert Systems

"Expert Systems modeling and forecasting of Forest Fires" Aristotle University of Thessaloniki, Greece 1998.

3. MEMBER OF PROFESSIONAL BODIES-SOCIETIES

- Ex-member of the **(B.C.S.) British Computer Society**, Membership# *08671581 (*since 1993)
- Member of the ***IEEE*** and member of the ***SMC*** (*Systems Man Cybernetics*) Society
- Member of the ***ACM*** Association for Computer Machinery
- Ex-member of the (2010-2012) **ENNS** (European Neural Network Society)
- Member of the ***International Neural Network Society*** (INNS) ***Member ID:4300*** (since 2011).
- Member of the ***EANNSIG*** (Engineering Applications of Neural Networks Special Interest Group) INNS (International Neural Network Society) (2since 2011).

- Member of the Hellenic Society of Artificial Intelligence E.E.T.N. **Membership** # 128 (since 2002).
- Member of the ***Technical Committee 12*** (Artificial Intelligence) ***Working Group 12.5*** (Artificial Intelligence Applications) of the **IFIP (International Federation for Information Processing)** http://www.ifip.or.at/bulletin/bulltcs/memtc12.htm (since 2009)
- Ex-President of the HAICTA (Hellenic Association for Information and Communication Technology in Agriculture Food and Environment) ***2006 -2009*** and Secretary of HAICTA 2009-2011
- Member of the Scientific Council for the Information Society (2013-2015).

4. PROFESSIONAL PROFILE

4.1. ACADEMIC EXPERIENCE

A. Professor of "Applied Informatics" in the Lab of Mathematics and Informatics (ISCE) of the Department of Civil Engineering, School of Engineering, Democritus University of Thrace, Greece (since March 2017 till present).
Founder of the Lab of Mathematics and Informatics (ISCE) with 5 members of staff.
B. Professor of "Applied Informatics" in the Lab of Informatics of the Department of Forestry and Management of the Environment and Natural Resources, of the Democritus University of Thrace, Greece (2001- March 2017).
C. Consultant Professor of the Hellenic Open University, School of Positive Sciences and Technology, Educational Program "Informatics" (since 2001 till present).
D. Appointed Lecturer in the University of Macedonia, Department of Applied Informatics, Thessaloniki, Greece (1998 & 1999) "Intelligent Information Systems".
E. Appointed Senior Lecturer, in the University of Thessaly, School of Medicine, "Medical Informatics" (2000).
F. Appointed Associate Professor, University of Western Macedonia, Department of Informatics and Telecommunication Engineering, Kozani, Greece (2005-2008) "Algorithms", "Object Oriented Programming".
G. Lecturing in the "Network of Excellence" of the Department of Applied Informatics, University of Macedonia, Thessaloniki, Greece "QGIS" and "Scilab". (2013).

4.1.1. OTHER

H. Informix 4gl (Databases) Programmer, under Unix environment, in a Multi national Company for a year 1995.
I. Regular Member of the Central Committee for the assessment of the calls in the Information Society S.A.
Member of other governmental assessment committees (e.g. Ministry of Employment).

4.2. UNIVERSITY ADMINISTRATIVE POSITIONS

A1. Head of the Department of Forestry and Management of the Environment and Natural Resources, of the Democritus University of Thrace, Greece (2014-2016)
A2. Member of the University Senate (2014-2016).
A3. Head of the Postgraduate Program of Studies of the Department of Forestry and Management of the Environment and Natural Resources, of the Democritus University of Thrace, Greece (2009-2017).
A4. Head of the Research Committee of the Democritus University of Thrace, Greece (2011-2013).
A5. Member of the General Assembly of the HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION of the Hellenic Ministry of Education.

4.3. TEACHING EXPERIENCE IN POSTGRADUATE MSc COURSES

A.1. Graduate Lecturing and Graduate (7) thesis Supervisor **2016-2018** in the MSc Postgraduate Program of Studies "APPLIED MATHEMATICS", of the School of Engineering, of the Democritus University of Thrace, Greece.
A.2. Graduate Lecturing and Graduate (23) thesis Supervisor **2006-2016** in the Postgraduate Program of Studies of the Department of Forestry and Management of the Environment and Natural Resources, of the Democritus University of Thrace, Greece "Artificial Intelligence-Geoinformatics", "Geoinformatics and Environmental Risks Assessment". So far **25** of these MSc courses have been completed.

4.4. SUPERVISION OF PhD RESEARCH

I have supervised 3 (three) PhD researches which have been finished successfully.

4.5. EVALUATOR OF RESEARCH PROPOSALS IN THE NATIONAL RESEARCH ORGANIZATION OF CHILE (South America)

The "COMISION NACIONAL DE INVESTIGACION CIENTIFICA Y TECNOLOGIA – CONICYT"- National Fund for Scientific and Technological Development – FONDECYT has assigned me the assessment of research proposals in 2015.

5. Co-EDITOR OF INTERNATIONAL SCIENTIFIC JOURNALS

A.1. *Accosiate Editor in the Scientific Journal* ***Evolving Systems Springer*** *Journal*
http://www.springer.com/physics/complexity/journal/12530?detailsPage=editorialBoard
A.2. *Editor in the Scientific Journal* ***International Journal of Artificial Intelligence***
http://www.ceser.in/ceserp/index.php/ijai/pages/view/eb-ijai
A.3. *Editor in the Scientific Journal* ***Universal computer Science***, Graz Austria.
http://www.jucs.org/jucs_articles_by_author/Iliadis_Lazaros/BusinessCard
A.4. *Editorial Board Member in the* Asia-Pacific Journal of Neural Networks and its Applications (AJNNIA) Australia http://gvschoolpub.org/journals/AJNNIA/eb.php
A.5. *Editorial Board Member in the* SCIPAP (Scientific Papers University of Pardubice) Faculty of Economics and Administration Universityof Parduvice, Czech Republic.

http://www.upce.cz/english/fea/research-development/scientific-journals/scipap/editorial-board.html

5.1. GUEST EDITOR in 12 JOURNALS

A. *Information Sciences Informatics and Computer Science Intelligent Systems Applications University of Alberta Canada, Volume 178, Issue 20, 15 October 2008* **Elsevier Science Science Impact Factor 3,095**
http://portal.acm.org/citation.cfm?id=1401540

B. *Computers and Electronics in Agriculture* ***University of California Davis*** *Vol. 70 Issue 2, March 2010* Special Issue "ICT in BIO and EARTH SCIENCES" **Elsevier Science Impact Factor 1,273**
http://www.sciencedirect.com/science/journal/01681699/70

C. *Neurocomputing* "Special Issue Timely Developments in Applied Neural Computing" *vol. 73, Issue 1-3 ISSN: 0925-2312* Elsevier Science
Εκδότες: Dominic Palmer Brown Lazaros Iliadis. **Impact Factor 1,4**
http://www.sciencedirect.com/science/journal/09252312/73/1-3

D. *Journal of Engineering Intelligent Systems* ***Curtin University of Technology, Australia*** Vol 17 Nos 2/3 June/September 2009, CRL Publishing ISSN 1472-8915 L Iliadis, I. Manolopoulos
http://www.crlpublishing.co.uk/journal.asp?j=eis&s=Vol%2017%202009

E. *Neural Networks* Elsevier Science, ***Boston University, USA***, Volume 24 issue 8, 2011 L Iliadis, K Diamandaras **Impact Factor 2,652**
http://www.sciencedirect.com/science/journal/08936080/24/8

F. IJAIT *International Journal of Artificial Intelligence Tools* ***Vol. 21, No. 4*** (August 2012) Wright State University USA World Scientific Publishing Co **Impact Factor 0,25**
http://www.worldscientific.com/toc/ijait/21/04

G. *Journal of Engineering Intelligent Systems, CRL Publishings, Australia* Volume 21 Numbers 2/3 June/September 2013
http://www.crlpublishing.co.uk/journal.asp?j=eis&s=Vol%2021%202013

H. *Artificial Intelligence Review*, Springer, University of Edinburgh, UK, 2013, October 2014, Volume 42, Issue 3, pp 309-311 Impact Factor **Impact Factor 0,429**
http://link.springer.com/journal/10462/42/3/page/1

I. *Neurocomputing* "Special Issue *"Timely Neural Networks Applications in Engineering"* 2011 Volume 107, Pages 1-108 (1 May 2013) **Impact Factor 1,4**
http://www.sciencedirect.com/science/journal/09252312/107

J. *Information Sciences Informatics and Computer Science Intelligent Systems Applications University of Alberta Canada,* Special Issue on Advanced paradigms of Neural Networks' learning algorithms and Architectures in Engineering, (APNNAAE) Special Issue *(2015) Vol. 294 Elsevier* Impact Factor 3.893
http://www.sciencedirect.com/science/journal/00200255/294

K. Lazaros Iliadis, Chrisina Jayne, 2016 Neural computing and Applications Springer July 2016, Volume 27, Issue 5,DOI: 10.1007/s00521-016-2318-4

L. Lazaros Iliadis, Konstantinos Margaritis, Ilias Maglogiannis, 2016 Evolving Systems Springer DOI 10.1007/s12530-016-9164-6

5.2. EDITORIALS in International Scientific Journals 12

EDIT1.

Editorial (2008) "Special issue on Industrial Applications of Neural Networks" Journal ***Information Sciences*** 178 (2008) pp 3799–3801, ***Elsevier Science Science Citation Index Impact factor*** 3.893

EDIT2.

Editorial (2009) "***Special issue on Information and Communication Technologies in Bio and Earth Sciences*****"** Journal **Computers and Electronics in Agriculture**, University of California Davis, 70 (2010) pp. 261–262 ***Elsevier Science Science Citation Index Impact factor***

EDIT3.

Editorial (2009) Special issue "Timely Developments in Applied Neural Computing" Journal **Neurocomputing** 73 (2009) pp. 1-2 Εκδότες Dominic Palmer Brown– Lazaros Iliadis

EDIT4.

Editorial (2009) Special issue Journal **Engineering Intelligent Systems** (2009) Vol 17 2-3 pp. 69-70 Εκδότες Lazaros Iliadis, Ioannis Manolopoulos

EDIT5. ***Editorial (2011)*** Kostas Diamantaras, Lazaros Iliadis (2011) ***Editorial*** Journal **Neural Networks** Vol 24 Issue 8 pp. 789-790 Elsevier Science, ***Boston University, Science Science Citation Index Impact factor*** USA

EDIT6.

Editorial (2013) Special issue "Timely Neural Networks Applications in Engineering - Selected Papers from the 12th EANN International Conference" Journal **Neurocomputing** pp. 1-2 Lazaros Iliadis Volume 107, Pages 1-108 (1 May 2013)

EDIT7.

Editorial (2012) Special issue "Innovative Decision Systems, extended papers from the 12th EANN/7th IFIP AIAI 2011 Joint Conferences" Journal **IDT (Intelligent Decision Technologies** Vol 7. pp 1-2 (2013)

EDIT8.

Editorial (2014) Special issue **8th AIAI 2012** Journal *Artificial Intelligence Review*, Springer, University of Edinburgh, UK, 2013, October 2014, Volume 42, Issue 3, pp 309-311 Impact Factor **Impact Factor 0,429**

EDIT9.

Editorial (2015) Special issue Journal Information Sciences Informatics and Computer Science Intelligent Systems Applications, University of Alberta Canada, (APNNAAE) (2015) Vol. 294 Elsevier, Impact Factor 3.893

EDIT10.

Editorial (2016) Special issue "Timely Advances in Evolving Neural-based Systems" Springer Journal: Evolving Systems DOI: 10.1007/s12530-016-9164-6

6. CHAIR OF MORE THAN 30 INTERNATIONAL SCIENTIFIC CONFERENCES and PROCEEDINGS co-EDITOR

I mention a small sample of the most recent ones.

- **IJCNN 2017 Alaska USA, (Workshop Chair)**
- **CAiSE 2014,** (International Conference on Advanced Information Systems Engineering) Workshop Chair

- **EANN 2007, 2012, 2013, 2014, 2015, 2017 (**Engineering Applications of Neural Networks**)** Program chair (PCC)
- **AIAI 2009, 2010, 2011, 2012, 2013, 2014, 2016, 2018** (Artificial Intelligence Applications and Innovations IFIP) PCC
- **ICANN 2010, 2018** (International Conference on Artificial Neural Networks) PCC
- **ICCCI 2016** International Conference in Collective Computational Intelligence PCC
- **INNS BIG DATA 2016 PCC**
- **IEEE EAIS 2018** (Evolving and Adaptive Information Systems) **PCC**
- **IEEE (SMC) INISTA 2018** (International Conference on INnovations in Intelligent SysTems and Applications) **PCC**
- **TDPL 2017** conference on (Theory and Practice of Digital Libraries) Member of the Steering Committee **General Chair**
- Conference e-Democrasy **2013 General Chair**
- MEDI 2015 (Model and Data Engineering) **Organizing chair**
- **IEEE CBI 2017 (**Conference on Business Informatics)

Program Committee member of more than 60 International Scientific Journals.

7. Invited Speaker in International Conferences

I. Abroad

- **Keynote Speaker** 11th international Conference EANN 2009 **(Engineering Applications of Neural Networks)** University of East London 2009 (24-26/8) Topic: **"*Fuzzy Logic risk modeling - Intelligent Agents Networks employing hybrid techniques: Application in Environmental problems*"**
- Tutorial in the 6th IFIP AIAI Conference (Artificial Intelligence Applications and Innovations) University of Cyprus, October 2010 (University of Cyprus, Cyprus University of Technology) Topic: "***Structured Real Time Mutli Agent Technologies (under the JADE platform) employing Soft Computing: Contribution in Sustainable Development***"
- Tutorial (***invited by Professor Dominic Palmer Brown London Metropolitan University)*** in the (**Special Interest Group** on Engineering Applications of Neural Networks Workshop) organized by the International Neural Network Society (INNS)] http://www.inns.org/ Topic: «Fuzzy Logic Risk Modeling» 25/11/2010.

II. IN GREECE

A. *LECTURE (INVITED) IN THE SUMMER SCHOOL HAISS DEPARTMENT OF INFORMATICS, IONION UNIVERSITY*

HAISS 2013 *(3rd Hellenic Summer School, ARTIFICIAL INTELLIGENCE-MACHINE LEARNING)* Topics:

A. ***Soft Computing Part 1: ANN & e-Regression Support Vector Machines***

B. ***Soft Computing Part 2: Fuzzy logic - Fuzzy Information Systems***

8. VISITING PROFESSOR IN UNITED KINGDOM

- **University of London** (Birkbeck College)
  On the 12/5/09 Invited Lecture in the University of London, Birkbeck College, School of Computer Science and Information Systems, Topic: ***Fuzzy Knowledge Representation and Environmental Risk Assessment***.
- **University of East London,** School of Computing Information Technology and Engineering, **(**23/11/10) Invited lecture in the Postgraduate Program ***"MSc Data Mining and Knowledge Management Systems"*** under the framework of the class ***"Knowledge Management Systems". Topic: Computational Intelligence-Fuzzy Inference Systems***
- **CRANFIELD UNIVERSITY Defence Academy of the UK, College of Management and Technology**, United Kingdom. I was invited by Professor ***Mark Richardson (Acting Head of (DISE) Department of Informatics and Systems Engineering,*** *CRANFIELD UNIVERSITY* England UK) Topic of the Lecture: "***Soft Computing and Real-Time Hybrid Multi Agent Systems: Basics and cases***" 23rd of April 2012.

9. LECTURING IN UK UNIVERSITIES
9.1. UNDER THE FRAMEWORK OF ERASMUS PROGRAM

A. University of East London School of Computing and Technology (2nd-6th May 2006) Topic: ***"Neural Networks and their applications"***
B. University of East London School of Computing and Technology under the framework of the conference ***Global e-Security International Conference*** (18th-20th of April 2007) Topic: ***"Intelligent Decision Support Systems and Fuzzy Modelling"***.
Γ. University of East London School of Computing and Technology (5th-9th of May 2008) Topic: ***"MultiAgent Systems and Platforms"***.
Δ. University of East London School of Computing and Technology (11th-17th of May 2009) Topic: ***"Developing Fuzzy Rule Based Inference Systems in MatLab"***.
E. University of East London School of Computing IT and Engineering (8th-15th of April 2010) Topic: **"Development of Fuzzy operations and e-Regression Support Vector Machines with MATLAB" *"***.
ΣΤ. University of East London School of Computing IT and Engineering (2nd-8th of May 2011) Topic: **"k-fold e-Regression with Support Vector Machines and fuzzy risk estimators"**
Z. University of East London School of Computing IT and Engineering (18th-23rd of April 2012) Topic: **"Fuzzy Weighted Support Vector Machines Fuzzy c-means clustering and Classification with Artificial Neural Networks under the Matlab Environment"**
H. University of Coventry Coventry Campus, Computing Department (20-24/4 2015) Topic. "**Real Time Computational Intelligence Systems"**

10. External Advisor of the Postgraduate Program of the UNIVERSITY OF EAST LONDON

Following the invitation of Dr. Karren Huff***, Research and Quality Administrative Officer*** of the University of East London School of Computing and Technology I served

as External Advisor of the Postgraduate Program of Studies. (External Advisor for MSc in Data Mining and Knowledge Management)

11. REVIEWER in 42 International scientific Journals

12. RECENT COMPETATIVE RECENT RESEARCH PROJECTS

A. SCIENTIFICALLY RESPONSIBLE

1. **THIS SYSTEM THAT WAS DEVELOPED BY MY RESEARCH TEAM WAS AWARDED THE 5th PRICE (among 780 competators) IN THE 2017 INNOVATION COMPETITION OF THE NATIONAL BANK OF GREECE (NBG Group).**

Scientifically Responsible (27/9/2011-20/4/2015) for DUTh, in the following competitive Research Project: "**Distributed System of Intelligent Agents for monitoring and facing serious changes in the levels of air pollution and Heat Index in real time" (AID) (Air pollution Intelligent Defense).**
Running under the NSFD framework (National Strategic Framework for Development) Co-funded by EU and the Hellenic secretariat for research and development.
Total Budget 189,000 Euros.

- http://www.karteco.gr/AID/en/
- http://www.karteco.gr/AID/index.php
- https://issuu.com/kabusiness/docs/ka_june__4net
- http://www.b2green.gr/el/post/19781/
- http://www.enpicbcmed.eu/content/real-aid-real-time-monitoring-environmental-parameters-mediterranean-urban-areas-using-aid-a

2. Scientifically Responsible (8/1/2013-31/10/2015) for DUTh, in the following competitive Research Project: "**Real Time Operational Control Tool of Combined Sewerage Overflows (SCO) at Coastal Cities" *(Real(t)SO)***
Action 11SYN_9_184 Cooperation 2011. Common Actions of Production and Research entities in focused Research and Technological Sectors. Co-funded by EU, Drinage and Water Company of Thessaloniki (EYATh) and the Hellenic secretariat for research and development.
Total Budget 650,000 Euros.

- http://www.realtso.gr/
- http://www.realtso.gr/en/
- https://itunes.apple.com/us/app/real-tso/id1032021285?mt=8

3. Scientifically Responsible (October 2018-September 2019) in the following competitive Research Project:
"Cybersecurity Algorithms for Spiking Neural Networks" Funded 100% by the BRAINCHIP company, California, USA.
Total Budget 35,000 Euros.

13. PUBLICATIONS UNIVERSITY BOOKS-RESEARCH PAPERS

15.1. GRADUATE MSc THESIS

1. Iliadis L. 1995. **Electronic Circuit Design.** University of Wales, Department of Mathematics and Computer Science, Swansea, U.K.

15.2. AUTHOR OF UNIVERSITY BOOKS

2. **Lazaros Iliadis** 2007. "INTELLIGENT INFORMATION SYSTEMS AND APPLICATIONS IN RISK MANAGEMENT (in Greek). ***A. Stamoulis Publishers, Thessaloniki, Greece. ISBN:978-960-6741-33-3*** Number of pages 248.
3. **Lazaros Iliadis, Antonis Papaleonidas,** 2016. "Computational Intelligence and Intelligent agents" Tziola Publishing, Thessaloniki, Greece. ISBN: 978-960-418-601-3 http://tziola.gr/book/ypologistiki-noimosyni-evfyis-praktores/

15.3 PhD THESIS

4. Lazaros Iliadis 2000. Modeling of Forest Fires risk using Expert Systems. Aristotle University of Thessaloniki, Greece.

13.1. 64 PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS

h-index 19 i-10 index 41 Citations 1390

https://scholar.google.gr/citations?user=SnqR9wYAAAAJ&hl=el

6. J1[4]. Iliadis L., Papastavrou A., Lefakis P. **(2002). "A computer-system that classifies the prefectures of Greece in forest fire risk zones using fuzzy sets**" *FOREST POLICY AND ECONOMICS 4/1 (2002) **pp. 43-54**. ISSN: 1389-9341*. Amsterdam **Elsevier Science, *European Forest Institute***. *SCIENCE CITATION INDEX Impact Factor 0,768*

7. J2. Iliadis L., Papastavrou A., Lefakis P**. (2002). "A Heuristic Expert System for Forest Fire Guidance in Greece"** *JOURNAL OF ENVIRONMENTAL MANAGEMENT Vol. 65, Issue 3. **pp. 327-336 August 2002. Academic Press,** **Cambridge**, ISSN: 0301-4797. SCIENCE CITATION INDEX Impact Factor 1,794 5 year Impact factor 2,286*

8. J3. Hliadis L, Koutroumanidis T., Arabatzis G.and Arapatsakos C. **(2003). "An Expert System for Ranking Companies and Investments: Wood Industry Case"** *YUGOSLAV JOURNAL OF OPERATIONS RESEARCH University of Belgrade Vol 13 No 2 **pp. 187-197** ISSN: 0354-0243* 2003.

9. J4. Iliadis L., Koutroumanidis C. T., Arabatzis G. **(2004).** "**Evaluation and ranking of the financial status of the Greek Union of Rural Cooperatives by a prototype computer expert system that makes use of multicriteria analysis and Fuzzy Logic"** *JOURNAL OF AGRICULTURAL ECONOMICS REVIEW Volume 5, Number 1, **pp. 24-35 January 2004**. ISSN 1109-2580*

10. J5. Koutroumanidis T., **Iliadis L**., Arabatzis G**. (2004) "Evaluation and forecasting of the financial performance of the unions of rural cooperatives by a decision support system" JJRE** *JAPANISH JOURNAL OF RURAL ECONOMICS, Volume 6,* ***April 2004, pp. 31-44****,* **Tokyo** *Agricultural Economics Society of Japan*

11. J6. Papageorgiou A., **Iliadis L. (2004) "A Decision Support System inferring the Genotypes of seed trees from open pollinated progenies"** *SILVAE GENETICA Volume 53,* ***3, pp. 111-116, 2004*** *J.D. Sauerlander's Verlag, Bundesforschungsanstalt für Forst - und Holzwirtschaft Franfurt, Germany. ISSN: 0037-5349. Impact Factor 0,354*

12. J7. Iliadis L. Spartalis S. **(2005). "Fundamental Fuzzy Relation Concepts of a D.S.S. for the estimation of Natural Disasters Risk (The case of a Trapezoidal Membership Function)"** *JOURNAL OF MATHEMATICAL AND COMPUTER MODELLING Volume 42,* ***pp. 747-758 ISSN: 08957177****.* ***Elsevier Science****. Impact Factor 1,032*

13. J8. Iliadis L. (2005) "A decision support system applying an integrated Fuzzy model for long - term forest fire risk estimation" ***EMS*** *ENVIRONMENTAL MODELLING AND SOFTWARE* ***Volume*** *20, Issue 5, pp. 613-621, May 2005****, Elsevier Science ISSN: 1364-8152*** **(***The Australian National University*). *Impact Factor 2,659*

14. J9. Avramidis S., **Iliadis L. (2005). "Wood-Water Sorption Isotherm Prediction with Artificial Neural Networks: a preliminary study"**. *HOLZFORSCHUNG, Volume 59 issue 3* ***pp. 336-341*** *ISSN: 0018-3830 Walter De Gruyter & Co. Impact Factor 0,939 5-year IMPACT FACTOR: 1.402*

15. J10. Pimenidis E., **Iliadis L**., Jahankhani H.**, (2005) "E-Learning in the work-places in the Rural Sector of North-Eastern Greece"** *OPERATIONAL RESEARCH AN INTERNATIONAL JOURNAL Volume 5, Number 1,* **pp. 35-47,** *January-April 2005. HELORS ISSN:1109-2858* **Springer**

16. J11. Avramidis S., **Iliadis L. (2005). "Predicting Wood Thermal Conductivity Using Artificial Neural Networks"** *WOOD AND FIBER SCIENCE Volume 37 (4)* ***2005, pp. 682-690****.* (*Virginia Tech Brooks Forest Products Center*). *ISSN: 0735-6161. Impact Factor 0,453*

17. J12. Koutroumanidis T., **Iliadis L**, Sylaios G., **(2006) "Time Series Modeling of Anchovy Landings using ARIMA and Fuzzy Expected Intervals' Software"** *ENVIRONMENTAL MODELLING AND SOFTWARE* **Elsevier Science** ***ISSN: 1364-8152*** *Volume 21, Issue 12,* ***pp. 1711-1721*** *Impact Factor 2,659*

18. J13. Avramidis S., **Iliadis L**., Mansfield S. **(2006)** "**Wood Dielectric Loss Factor Prediction with Artificial Neural Networks"** *WOOD SCIENCE AND TECHNOLOGY* ***ISSN: 0043-7719*** *Volume 40, Number 7,* ***pp. 563-574****.* 18th

July 2006 Journal of the International Academy of wood Science. Springer Berlin Heidelberg. *Impact Factor 0,689*

19. J14. Spartalis S., **Iliadis L.**, F. Maris, **(2007). "An Innovative Risk Evaluation System Estimating its own Fuzzy Entropy"** *JOURNAL OF MATHEMATICAL AND COMPUTER MODELING Volume 46 Issues 1-2* ***pp. 260-267***. July 2007. *Elsevier Science* ***ISSN: 08957177***. *Impact Factor 1,032*

20. J15. Iliadis L., Maris F., **(2007) "An Artificial Neural Network model for Mountainous Water-Resources Management: The case of Cyprus Mountainous Watersheds"**. *ENVIRONMENTAL MODELLING AND SOFTWARE Volume 22, Issue 7,* ***pp. 1066-1072*** *Elsevier Science* ***ISSN: 1364-8152*** *Impact Factor 2,659*

21. J16. Spartalis S., Iliadis L. **(2007).** "**Artificial Neural Networks employing Fuzzy Numbers for rapid risk estimation"** *ADVANCES IN FUZZY MATHEMATICS Volume 2 Number 1-2,* ***pp. 51-64*** *ISSN : 0973-533X* ***Department of Mathematics and Computer Science*** *University of Udine Italy* R. I. Publications.

22. J17. Mansfield S., ***Iliadis L.***, Avramidis S., **(2007). "Neural Network Prediction of Bending Strength and Stiffness in Western Hemlock"** *HOLZFORSCHUNG,* ***Volume*** *61, Issue 6, pp. 707-716 ISSN: 0018-3830 Walter De Gruyter & Co. Impact Factor 0,939*

23. J18. *Iliadis L.,* Spartalis S., Paschalidou A., Kassomenos **(2007)**. **"Artificial Neural Network Modelling of the surface Ozone concentration"** *INTERNATIONAL JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume 2, No 2,* ***pp.125-138 August 2007***. Department of Mathematics, University of Qiongzhou, China *ISSN: 1819-4966*. http://www.ripublication.com/ijcam.htm

24. J19. *Iliadis L.*, Maris F., Tsataltzinos T., **(2008)** "**An innovative Decision Support System using Fuzzy reasoning for the estimation of mountainous watersheds Torrential Risk: The cases of lakes Koroneia and Volvi**". *FOREST BIOMETRY MODELING and INFORMATION SCIENCES e-journal Volume 1, 2008,* ***pp. 11-22*** **ISSN** *1740-5955 http://cms1.gre.ac.uk/conferences/iufro/fbmis/volume_07_1.htm*

25. J20. Iliadis L, S. Spartalis, S. Tachos, **(2008)** "**Application of fuzzy T-norms towards Artificial Neural Networks' evaluation: A case from wood industry**" *INFORMATION SCIENCES (Informatics and Computer Science Intelligent Systems Applications) Volume 178, Issue 20, pp. 3828-3839* Elsevier Science, *ISSN: 0020-0255 Impact Factor 3,095*

26. J21. T. Glezakos, T. Tsiligkiridis, **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"** *NEUROCOMPUTING, Volume 73, Issue 1-3 pp. 49-59 ISSN: 0925-2312* Elsevier Science, *Impact Factor 1.429*

27. J22. Efstratios K. Kosmidis, Anastasia S. Tsingotjidou, **Lazaros Iliadis**, Christos Batzios, Georgios C. Papadopoulos, **"(2009) "A sparsely connected network to model the relay stations of the sheep milk ejection reflex"**, **NEUROCOMPUTING**, *Volume 73, Issue 1-3, pp. 80-86 ISSN:0925-2312* Elsevier Science, *Impact Factor 1.429*

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15. INSTRUCTOR-SUPERVISOR OF PhD RESEARCH THAT HAVE BEEN FULLFILLED SUCCESSFULLY

Supervisor of PhD research conducted by Drs.

- ***A.*** Theocharis Tsataltzinos (successfully fulfilled 2013). Subject: ***Development and Application of Innovative Information System, by using Rule-based and Case-based Reasoning. Application in Natural Disasters' Management***. ***Publications****: IC26,IC28, IC46, IC52, IC64, HC4, J19, J29*
- ***B.*** Dr. Antonis Papaleonidas (successfully fulfilled 2016) **Subject:** ***Development of Distributed & Hybrid Network of Intelligent Agents, for real time analysis and monitoring of Environmental Problems.***
  Publications*: J36, J46, IC49, IC70, IC72, IC79, IC90*
- ***C.*** Dr. Konstantinos Demertzis **Subject:** ***Development of Intelligent Biologically inspired Models and corresponding Information Systems, for the assessment of risks.*** Publications: J48, J50, J51, IC77, IC78, IC81, IC83, IC84, IC85, IC86

Also, member of four (3 member) Supervisory Committees for PhD research that has been fulfilled successfully.

October 2018

Professor Lazaros Iliadis