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Professor Lazaros Iliadis (BSc, MSc, PhD)

- **Subject: Forest Informatics**
- **Head of the Department of Forestry and Management of the Environment and Natural Resources, DUTH**
 - **Chair of the Postgraduate Program of Studies of the Department**
 - **Director of the FiLab**

URLs: (English version):

FiLab Page:

<http://filab.fmenr.duth.gr/index.html>

Academia.edu Page

<http://duth.academia.edu/LazarosIliadis>

Google Scholar

<http://scholar.google.fr/citations?user=SngR9wYAAAAJ&hl=fr>

University page:

http://www.fmenr.duth.gr/personel/dep/Iliadis_en.shtml

Education

- Ph.D. in EXPERT SYSTEMS from the Lab of Forest Informatics, Aristotle University of Thessaloniki. Ph.D. Thesis Title: Expert Systems Modelling of Forest Fires in Greece.
- M.Sc. Master of Science (February 1995) in Computer Science from the Department of Computer Science and Mathematics, University of Wales, University College of Swansea (Great Britain). MSc Thesis title: Electronic Circuit Design
- B.Sc. in Mathematics from the Department of Positive Sciences, Aristotle University of Thessaloniki, Greece (1987)

Affiliations:

- Professor of Forest Informatics in the Department of Forestry and Management of the Environment at the Democritus University of Thrace, Greece from February 2000 till now
- Part Time Senior Lecturer in the Department of Information and Communication Engineering at the University of Western Makedonia, Greece during the academic years 2005-06, 2006-07, 2007-08
- Part Time Senior Lecturer in the Department of Applied Informatics the University of Makedonia, Thessaloniki, Greece during the academic years, 1998-1999, 1999-2000

- Cooperating Consultant Professor in the school of Positive Sciences and Informatics of the Greek Open University Greece from 2000 till now 2015

AUTHOR OF BOOKS

- Iliadis L. 2008. Intelligent Information Systems and applications in risk estimation ISBN: 978-960-6741-33-3 A. Stamoulis publication, Thessaloniki, Greece
- Co author of two other University Academic Book Chapters

L Iliadis, T Betsidou, 2011 “*Soft Computing modeling of wild fire Risk Indices: the risk profile of Peloponnesus region in Greece*”: “E-Agriculture and Rural Development: Global Innovations and Future Prospects” *IGI Global Publishers of Science and Technology*, Pennsylvania, New York, USA Εκδότης Professor B.M. Maumbe, Davis College of Agriculture, Natural Resources and Design, West Virginia University, USA ISBN: 978-1-4666-2655-3

K Kitikidou, L Iliadis 2011 "*Developing neural networks to investigate relationships between air quality and quality of life indicators*" Book: "Air Pollution / Book 1" ΚΕΦΑΛΑΙΟ 11, "*Developing neural networks to investigate relationships between air quality and quality of life indicators*" pp. 245-258 ISBN 979-953-307-228-8 INTECH Editor Mukesh Khare

47 publications in International Scientific Journals 2002 till 2014

J1. 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

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

J3. Iliadis 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

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” *Διεθνές επιστημονικό περιοδικό JOURNAL OF AGRICULTURAL ECONOMICS REVIEW* Volume 5, Number 1, pp. 24-35 January 2004. ISSN 1109-2580.

J5. Koutroumanidis T., Iliadis L., και Arabatzis G. (2004) “Evaluation and forecasting of the financial performance of the unions of rural cooperatives by a decision support system” *JJRE JAPANESE JOURNAL OF RURAL ECONOMICS*, Volume 6, April 2004, pp. 31-44, Tokyo

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 Frankfurt, Germany

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.

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

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.

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

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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

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.

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

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 (Centre for Resource and Environmental Studies

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 UdineR. I. Publications.

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 Walter De Gruyter & Co.*

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J19. Iliadis L., Maris F., Tsatalzinos 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

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

J21. 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" *NEUROCOMPUTING, Volume 73, Issue 1-3 pp. 49-59* Elsevier Science,

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, *SCIENCE CITATION INDEX Impact Factor 1.429*

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J33. Lazaros Iliadis, Stergios Skopianos, Stavros Tachos and Stepanhos Spartalis (2011) "Testing Sigmoid and Gaussian fuzzy sets towards forest fire risk modeling" *Engineering Intelligent Systems Volume 18 Nos 3/4 September/December 2010* pp.125-132 Curtin University of Technology, Australia, CRL Publishing

J34. Georgios Anastassopoulos, Dimitrios Mantzaris, Lazaros Iliadis, K. Kazakos and Harris Papadopoulos (2011) "Osteoporosis risk factor estimation using artificial neural networks" *Engineering Intelligent Systems Volume 18 Nos 3/4 September/December 2010* pp. 205-211 Curtin University of Technology, Australia, CRL Publishing

J35. L Iliadis, K Kitikidou, K Skoulariki, (2012). "Combining Survival Analysis and Neural Networks to predict Life Expectancy" *International Journal of Artificial Intelligence Volume 9, Number A12*, pp. 140-151

J36. Vijai Rao, L Iliadis, S Spartalis, A Papaleonidas (2012). "Modelling Environmental factors and Effects in Virtual Warfare simulators by using a Multi Agent approach" *International Journal of Artificial Intelligence Volume 9, Number A12* pp. 172-185

J37. Kyriaki Kitikidou, Lazaros Iliadis, Iliana Spartali (2012) "Neural modeling classification of western and transition European economies based on energy patterns" *Engineering Intelligent Systems CRL Publishing Leicester UK Vol 20 no 1 March 2012*

J38. Ioannis Karydis, Katia Lida Kermanidis, Spyros Sioutas, Lazaros Iliadis (2013) “Comparing content and context based similarity for musical data” *NEUROCOMPUTING* Vol 107, pp. 69-76 Elsevier

J39. Lazaros Iliadis, Stavros Tachos, Stavros Avramidis, Shawn Mansfield, (2013) “Hybrid e-Regression and validation Soft Computing techniques: The case of wood Dielectric Loss Factor” *NEUROCOMPUTING* Vol 107, pp. 33-39 Elsevier Impact Factor 1,580 DOI: 10.1016/j.neucom.2012.05.034

J40. Ioannis Stephanakis, Georgios Anastasopoulos, Lazaros Iliadis, (2013) “A Self-Organizing Feature Map (SOFM) Model Based On Aggregate-Ordering Of Local Color Vectors According to Block Similarity Measures” *NEUROCOMPUTING* Elsevier Vol 107, pp. 97-107

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J44 Antonios Kalampakas, Stefanos Spartalis, Lazaros Iliadis, Elias Pimenidis (2014) Fuzzy Graphs: Algebraic Structure and Syntactic Recognition *Journal Artificial Intelligence Review*, October 2014, Volume 42, Issue 3, pp 479-490 SPRINGER, University of Edinburgh, UK

J45 Evanthia Faliagka, Lazaros Iliadis, Ioannis Karydis, Maria Rigou, Spyros Sioutas, Athanasios Tsakalidis, Giannis Tzimas (2014) On-line Consistent Ranking on E-recruitment; Seeking the truth behind a well-formed CV” *Journal Artificial Intelligence Review*, October 2014, Volume 42, Issue 3, pp 515-528 SPRINGER, University of Edinburgh, UK

J46 Antonios Papaleonidas, Lazaros S. Iliadis (2013) Neurocomputing techniques to dynamically forecast spatiotemporal air pollution data. *Journal Evolving Systems* vol 4 (4): SPRINGER, pp. 221-233 (2013)

J47 Vasiliki Dimou, Lazaros S. Iliadis, Ilias Bougoudis (2014) Computational intelligence modeling and assessment of industrial noise: the case of wood manufacturing *Engineering Intelligent Systems*, Volume 22 Numbers 3/4 September/December 2014 Australia, CRL Publishing

83 PUBLICATIONS

- IC1. Arapatsakos I. C., Hliadis S.L., Papastavrou K. A. (2001). "A computer system that estimates the environment contribution of the emissions of petrol pruning saws using biofuels" Proceedings pp. 799-804 ISBN: 960-86947-4-4 του "Forest Research: A challenge for an integrated European approach. NAGREF
- IC2. Andreopoulou Z., Hliadis L., Lefakis P., Papastavrou A. (2001). "Computer analysis and clustering graduate students of the Department of Forestry and Natural Environment according to computer literacy" Proceedings pp. 755-758 ISBN: 960-86947-4-4 του διεθνούς συνεδρίου με τίτλο "Forest Research. A Challenge for an Integrated European Approach" NAGREF
- IC3. Arapatsakos I. C., Hliadis S. L., Koutroumanidis C.T. (2002). Poster. "The use of biofuels in rototiller engines and estimation of the environmental benefits by using a visual computerized system" Proceedings Volume 2, pp. 1233-1240 I.S.W.A. World Environment International Congress and Exhibition Vol 2. Turkey
- IC4. Iliadis L., Michailidis A., Arabatzis G.(2002). "Evaluation and Ranking of the financial status of the Western Macedonia region Rural Cooperatives, by a prototype Computer Expert System that makes use of multicriteria analysis and fuzzy logic" Έγινε αποδεκτή και παρουσιάστηκε ΠΡΟΦΟΡΙΚΑ μετά από κρίση της Επιστημονικής επιτροπής του συνεδρίου. I.C.A. Proceedings ISBN : 960-286-820-1 pp. 485-495 του διεθνούς συνεδρίου με τίτλο "Local Society and Global Economy: The Role of Co-operatives" Naousa Greece. 9-12th of May 2002.
- IC5. Arapatsakos C., Iliadis L., Koutroumanidis T. (2002). "A Computer System that performs Environmental Feasibility analysis of the use of Biofuels in Generators" Proceedings pp. 1013-1020 ISBN: 960-86574-3-1 Conference "Protection and Restoration of the Environment VI".
- IC7. L. Iliadis, and A. Papageorgiou. (2003). "A decision support system inferring the genotypes of seed trees from open pollinated progenies" IUFRO "Decision Support for multiple purpose forestry" (BOCU University of Vienna)
- IC8. Stergiadou, Andreopoulou, Doukas, Iliadis L. Proceedings pp. 317-324 του 4^{ου} διεθνούς συνεδρίου (The 4th International Research Conference HELECO 2003). Vol C.
- IC9. A. Papastavrou, T. Athanasoudis, Z. Andreopoulou, P. Lefakis, L. Iliadis. (2003). "The contribution of Forest Informatics in the identification of the potential of Environmental Factors. The Case of Decision-Making concerning the Exploration of Renewable Sources". Proceedings pp. 244-248 Vol. II ISBN: 960-87474-1-1 ISDEMA (Innovative Structures for the sustainable Development of Mountainous Areas)
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- IC13. Z. Andreopoulou and L. Iliadis (2003). *Poster* "Development of a visual decision-support tool for the classification of forest prefectures according to human resources and forest fire breakouts". Παρουσιάστηκε σαν *POSTER* Δημοσιεύθηκε μετά από κρίση της Επιστημονικής επιτροπής στα *Proceedings* pp. 1/10-10/10 (Τα Proceedings δεν είχαν ενιαίο σύστημα αρίθμησης) του παγκόσμιου συνεδρίου της *IUFRO* με τίτλο "Decision Support for multiple purpose forestry". Vienna Austria (BOCU University of Vienna) Βιέννη Αυστρία 22-25 Απριλίου 2003.
- IC14. Tsachalidis E., Iliadis L. and Andreopoulou Z. (2003). "Wetlands Management: The Use of Information Technology for the Clustering of Peri-Lacustrian Population towards Environment and Development" *Proceedings* pp. 225-232 International Conference on Ecological Protection of the Planet Earth, Bio-Environment and Bio-Culture Sofia
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- (Information Systems & Innovative Technologies in Agriculture, Food and Environment) pp. 137-144 University of Makedonia, Thessaloniki
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- IC31. L. Iliadis, F. Maris, (2006) "A Fuzzy smart Database estimating the Torrential Risk of the "Panaitoliko" mountain watersheds" Proceedings pp. 583-592 2nd International Conference on Information Systems in Sustainable Agriculture, Agroenvironment and Food Technology" Volume 2, ISBN: 960-8029-44-9
- IC32. T. J. Glezakos, F. P. Maris, L. S. Iliadis, T. A. Tsiligiridis, C. P. Yialouris (2006) "Neural-Genetic modeling of torrential environmental risk: the case of the lakes Volvi and Koroneia". Proceedings Volume 3 pp. 1005-1018 2nd International Conference on Information Systems in Sustainable Agriculture, Agroenvironment and Food Technology" ISBN: 960-8029-45-7.
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- IC36. A. Tsingotjidou, L. Iliadis, E. Kosmidis, C. Batzios, G. Papadopoulos (2007) "An Artificial Neural Network model simulating the mil-ejection reflex in the sheep" Proceedings pp. 154-159 10th International Conference Engineering Applications of Neural Networks p.p. 154-159 ISBN: 978-960-287-093-8. CEUR

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--IC83. Kitsikoudis, V., E. Sidiropoulos, L. Iliadis, V. Hrissanthou, (2014) Calculation of sediment transport capacity of flowing water in rivers with Machine Learning. In: Lehfeldt, R., Kopmann, R. (Eds.), Proceedings of the 11th International Conference on Hydrosience and Engineering. Bundesanstalt fur Wassrbau pp. 599-606 ISBN 978-3-939230-32-8 Hamburg, Germany.

Main Research Interests:

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- Real Time Intelligent Systems
- Artificial Neural Networks
- Fuzzy logic and Fuzzy Inference systems modelling
- Expert systems
- Machine learning (supervised or unsupervised) –Pattern Recognition
- Autonomous agents – Multi Agent Systems
- Fuzzy c-Means Clustering
- decision support systems

I. Guest Editor in Journals

- 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
- Computers and Electronics in Agriculture University of California Davis Vol. 70 Issue 2, March 2010 Impact Factor 1.273.
- Neurocomputing vol. 73, Issue 1-3 December 2009 Elsevier Science Impact Factor 1.4
- Engineering Intelligent Systems Australia Vol 17 Nos 2/3 June/September 2009, CRL Publishing Impact Factor 0.21
- Neural Networks Elsevier Science, Boston University, USA, Volume 24 issue 8, 2011 Impact Factor 2,652
- International Journal of Artificial Intelligence Tools Vol. 21, No. 4 (August 2012) Wright State University USA [World Scientific Publishing Co](#) Impact Factor 0.25
- Engineering Intelligent Systems, CRL Publishings, Australia Volume 21 (2013) 2/3 Impact Factor 0.21

- Artificial Intelligence Review, Springer, University of Edinburgh, UK, 2013, October 2014, Volume 42, Issue 3, Impact Factor 0,429
- Neurocomputing “2011 Volume 107, Pages 1-108 (1 May 2013) Impact Factor 1,4
- Information Sciences Informatics and Computer Science Intelligent Systems Applications University of Alberta Canada, (APNNAE) Special Issue (2015) Vol. 294 Elsevier Impact Factor 3.893

II. Member of the Editorial Board

- Universal computer Science, Austria
- SCIPAP (Scientific Papers University of Pardubice) Faculty of Economics and Administration University of Pardubice, Czech Republic.
- Journal Evolving Systems, Springer
- International Journal of Artificial Intelligence

Chair of International Conferences

PROGRAM Chair 10th (EANN 2007) International Conference Engineering Applications of Neural Networks 29-31 August 2007

<http://delab.csd.auth.gr/eann2007/organisation.htm>

PROGRAM Chair 5th AIAI- IFIP (WG. 12.5) Conference Artificial Intelligence Applications and Innovations Thessaloniki, 23-25 April, 2009

<http://delab.csd.auth.gr/ai2009/organization.html>

PROGRAM Chair 6th AIAI-IFIP (WG. 12.5) Conference Artificial Intelligence Applications and Innovations Cyprus, 5-7 October 2010

<http://www.wikicfp.com/cfp/servlet/event.showcfp?eventid=9318©ownerid=3565>

<http://www.conferencealerts.com/seeconf.mv?q=ca160hmx>

PROGRAM Chair 20th ICANN - ENNS International Conference of Artificial Neural Networks. 15-18 September 2010.

<http://delab.csd.auth.gr/icann2010/>

PROGRAM Chair 12th Joint conference 12th EANN – 7th AIAI – IFIP (WG12.5) 15-18 September 2011 Kerkyra (Corfu).

<http://delab.csd.auth.gr/eann2011/index.html>

PROGRAM Chair 8th AIAI - IFIP (WG 12.5) Conference Artificial Intelligence Applications and Innovations (AIAI) Chalkidiki, 27-30 September 2012 IFIP (International Federation for Information Processing

<http://delab.csd.auth.gr/ai2012/call%20for%20papers.html>

PROGRAM Chair 13th EANN – INNS (SI Group) 20-23 September 2012 London, UK Campus Coventry University <http://www.eann.org.uk/eann2012/org.php>

PROGRAM Chair 14th EANN- INNS (SI Group) International Conference Engineering Applications of Neural Networks Chalkidiki, Greece 13-16 September 2013
<http://delab.csd.auth.gr/eann2013/>

PROGRAM Chair 9th AIAI- IFIP (WG 12.5) Conference Artificial Intelligence Applications and Innovations Pafos Cyprus, 30 September-2 October 2013
WORKSHOP Chair 26th International Conference on Advanced Information Systems Engineering CAISE 2014, 16-20 June, Thessaloniki
<http://delab.csd.auth.gr/caise2014/cfp.php>

PROGRAM Committee Chair 10th (AIAI) 2014 Artificial Intelligence Applications and Innovations Rhodes, Greece 19-21 September 2014 IFIP (International Federation for Information Processing <http://delab.csd.auth.gr/aiai2014/>

PROGRAM Committee Chair 15th EANN – INNS (SI Group) 5-7 September 2014, Technical University of Sofia, Bulgaria. <http://www.eann2014.org/cms/>

PROGRAM Committee Chair 16th EANN – INNS (SI Group) 25-28 September 2015, Rhodes, Greece.
<http://delab.csd.auth.gr/eann2015/>

ORGANIZING Chair 5th MEDI 2015 International Conference Model and Data Engineering 26-28 September 2015, Rhodes, Greece.
<http://delab.csd.auth.gr/medi2015/>

ADVISORY Committee 11th (AIAI) 2015 Artificial Intelligence Applications and Innovations Biarritz France 14-17 September 2014 IFIP (International Federation for Information Processing <http://aiai2015.sigappfr.org/>

Reviewer in 41 International scientific Journals

1. *ECOLOGICAL MODELLING* (Elsevier)
2. *ENVIRONMENTAL MODELLING AND SOFTWARE* (Elsevier)
3. *ECOLOGICAL INFORMATICS* (Elsevier)
4. *RISK ANALYSIS AN INTERNATIONAL JOURNAL*
5. *OPERATIONAL RESEARCH*
6. *INFORMATION SCIENCES-INTELLIGENT SYSTEMS APPLICATIONS* (Elsevier)
7. *TRANCACTIONS ON FUZZY SYSTEMS*
8. *JOURNAL OF UNIVERSAL COMPUTER SCIENCE*
9. *POLISH JOURNAL OF ENVIRONMENTAL STUDIES*
10. *INTERNATIONAL JOURNAL OF NEURAL SYSTEMS*
11. *INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE TOOLS*
12. *ASIA PACIFIC MANAGEMENT REVIEW*
13. *COMPUTERS AND ELECTRONICS IN AGRICULTURE* (Elsevier)
14. *WATER MANAGEMENT*
15. *INTELLIGENT SYSTEMS IN ACCOUNTING FINANCE AND MANAGEMENT*

16. *JOURNAL OF AMBIENT INTELLIGENCE AND SMART ENVIRONMENTS*
17. *Journal OR SPECTRUM* (Springer)
18. *NEURAL COMPUTING & APPLICATIONS*
19. *JOURNAL* (Springer)
20. *IEEE JOURNAL OF SELECTED TOPICS IN EARTH OBSERVATIONS AND REMOTE SENSING*
21. *THE COMPUTER JOURNAL*
22. *ENVIRONMENTAL TECHNOLOGY*
23. *ATMOSPHERIC ENVIRONMENT*
24. *CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH*
25. *IEEE TRANSACTIONS ON SYSTEMS, MAN CYBERNETICS-PART B: CYBERNETICS*
26. *NEURAL NETWORKS* (Elsevier)
27. *GLOBAL NEST JOURNAL*
28. *ENVIRONMENTAL MONITORING AND ASSESSMENT*
29. *Journal SENSORS*
30. *INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE*
31. *EDUCATIONAL RESEARCH AND REVIEWS*
32. *JOURNAL OF HYDROLOGY*
33. *NEUROCOMPUTING* (Elsevier)
34. *IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS*
35. *INTEGRATED COMPUTER-AIDED ENGINEERING*
36. *INFORMATION SYSTEMS AND e-BUSINESS MANAGEMENT*
37. *EVOLVING SYSTEMS*
38. *COGNITIVE COMPUTATION*
39. *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE*
40. *BIORES* (BioResources)
41. *Journal of Intelligent Manufacturing*

Visiting Professor in:

- *University of East London,*
- *Birkbeck College University of London,*
- *London Metropolitan*
- *Cranfield University UK*

Member of Professional Bodies

Secretary of the *Technical Committee 12 Working Group 12.5* of IFIP
Member of the board of governors of the ENNS (European Neural Network Society),
Member of the Hellenic AI Society
Ex-President of the HAICTA

Participation in several competitive research Projects

550 citations globally by researchers in my scientific work