



Institution: Democritus University of Thrace

Address: Democritus University of Thrace
N. Orestiada PC 68200
Greece

Curriculum Vitae:

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)

Positions

- Associate Professor of F. Informatics in the Department of Forestry and Management of the Environment at the Democritus University of Thrace, Greece since February 2000 till now
- visiting Professor in the Department of Information and Communication Engineering at the University of Western Macedonia, Greece during the academic years 2005-06, 2006-07, 2007-08
- visiting Professor in the Department of Applied Informatics the University of Macedonia, Greece during the academic years, 1998-1999, 1999-2000
- cooperating Professor in the Department of Mathematics and Computer Science of the Greek Open University Greece from 2000 till now

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

Recent Publications from 2002 till 2008

I have 24 publications in International Scientific Journals

2002. *FOREST POLICY AND ECONOMICS* 4/1 (2002) pp. 43-54. ISSN: 1389-9341. Amsterdam Elsevier Science *SCIENCE CITATION INDEX Impact Factor* 0,125

2002. *JOURNAL OF ENVIRONMENTAL MANAGEMENT* Vol. 65, Issue 3. pp. 327-336 August 2002. Academic Press, Cambridge, ISSN: 0301-4797. *SCIENCE CITATION INDEX Impact Factor* 0,672

2003. "Locational analysis of the pumps used in the primary rural sector and a computer system that estimates the air pollution caused by petrol pumps". *STUDIES IN LOCATIONAL ANALYSIS* Accepted ISSN: 1105-5162 Vrije Universiteit Brussel, Department of Management Informatics

2003. *YUGOSLAV JOURNAL OF OPERATIONS RESEARCH* University of Belgrade. Vol. 13. No 2 pp. 187-197. ISSN: 0354-0243

2004. *JOURNAL OF AGRICULTURAL ECONOMICS REVIEW* Volume 5, Number 1, pp. 24-35 January 2004 ISSN 1109-2580. *ECONLIT*. (Economic Literature). Published by the Greek Association of Agricultural Economics

2004. *JJRE JAPANESE JOURNAL OF RURAL ECONOMICS*, Volume 6, April 2004, pp. 31-44, Tokyo, Agricultural Economics Society of Japan. Το διεθνές επιστημονικό περιοδικό JJRE IBSS (International Bibliography of the Social Sciences).

2004 *SILVAE GENETICA* Volume 53, 3, pp. 111-116, 2004, J.D. Sauerlander's Verlag, Bundesforschungsanstalt für Forst - und Holzwirtschaft Frankfurt, Germany. ISSN: 0037-5349. *SCIENCE CITATION INDEX Impact Factor* 0,354

2005. *JOURNAL OF MATHEMATICAL AND COMPUTER MODELLING* Volume 42, pp. 747-758 ISSN: 08957177. Elsevier Science. *SCIENCE CITATION INDEX Impact Factor* 0,422

Iliadis L. 2005 *EMS ENVIRONMENTAL MODELLING AND SOFTWARE* Volume 20, Issue 5, pp. 613-621, May 2005, Elsevier Science ISSN: 1364-8152 (Centre for Resource and Environmental Studies, The Australian National University,). *SCIENCE CITATION INDEX με Impact Factor* 1,992

2005. *HOLZFORSCHUNG*, Volume 59 issue 3 pp. 336-341 ISSN: 0018-3830 Walter De Gruyter & Co. Berlin, New York USA. *SCIENCE CITATION INDEX με Impact Factor* 0,939

2005. *OPERATIONAL RESEARCH AN INTERNATIONAL JOURNAL* Volume 5, Number 1, pp. 35-47, January-April 2005. *HELORS* ISSN:1109-2858

2005. WOOD AND FIBER SCIENCE *Vol. 37 (4) 2005, pp. 682-690.* (Virginia Tech Brooks Forest Products Center) Καναδάς. ISSN: 0735-6161. SCIENCE CITATION INDEX Impact Factor 0,453

2005 ENVIRONMENTAL MODELLING AND SOFTWARE του οίκου Elsevier Science ISSN: 1364-8152 Volume 21, Issue 12, pp. 1711-1721. (Centre for Resource and Environmental Studies, The Australian National University Kambera, Australia). SCIENCE CITATION INDEX Impact Factor 1,992

2006. ENVIRONMENTAL MODELLING AND SOFTWARE Volume 22, Issue 7, pp. 1066-1072 Elsevier Science ISSN: 1364-8152 (Centre for Resource and Environmental Studies, The Australian National University,). SCIENCE CITATION INDEX Impact Factor 1,992

2007. JOURNAL OF MATHEMATICAL AND COMPUTER MODELING Volume 46 Issues 1-2 pp. 260-267. July 2007. Elsevier Science ISSN: 08957177. SCIENCE CITATION INDEX Impact Factor 0,422

2007. WOOD SCIENCE AND TECHNOLOGY ISSN: 0043-7719 Volume 40, Number 7, pp. 563-574. Journal of the International Academy of wood Science. Springer Berlin Heidelberg. SCIENCE CITATION INDEX Impact Factor 0,689

2007. “Unsupervised Neural Clustering applied on Fuzzy Conjunction Vectors” Accepted to be published in the *Special Issue ICCMSE of the Journal Mathematical and Computer Modelling* Elsevier Science. SCIENCE CITATION INDEX Impact Factor 0,422

2007. “e-Regression Support Vector Machines providing aid towards Neural Modeling” Accepted to be published in the JOURNAL OF MATHEMATICAL AND COMPUTER MODELING Elsevier Science SCIENCE CITATION INDEX Impact Factor 0,422

2007. “An Intelligent Information System for Fuzzy Additive Modelling (Hydrological Risk Application)”. Accepted to be published in the JOURNAL OF NUMERICAL ANALYSIS, INDUSTRIAL AND APPLIED MATHEMATICS (JNAIAM) European Society of Computational Methods in Sciences and Engineering, *Promacon Publications*

2007. ADVANCES IN FUZZY MATHEMATICS Vol 2 Number 1-2.. ISSN: 0973-533X Department of Mathematics and Computer Science University of Udine Ιταλία. Research India Publications.

2007. HOLZFORSCHUNG, Vol 61, Issue 6, pp. 707-716 ISSN: 0018-3830 Walter De Gruyter & Co. SCIENCE CITATION INDEX Impact Factor 0,939

2007. FOREST BIOMETRY MODELING INFORMATION SCIENCES Volume 1, 2007, 10-21 ISSN 1740-5955 In Press

2007. INTERNATIONAL JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS *Vol 2, No 2, August 2007*. Department of Mathematics, University of Qiongzhou, China. ISSN: 1819-4966. R.I. Publications.

2008. Accepted to be published in the Journal *INFORMATION SCIENCES Informatics and Computer Science Intelligent Systems Applications* Elsevier Science, ISSN: 0020-0255 *Science Citation Index Impact Factor 1,03*.

I have 42 publications in Proceedings of International Conferences with Referees and 8 in Hellenic Conferences.

Main Research Interests:

- artificial neural networks
- fuzzy logic and systems modelling
- multiagent systems, expert systems
- machine learning (supervised or not)
- autonomous agents
- decision support systems

Editor in Journals

I am editor of the Journal of Universal Computer Science (Austria) and guest editor in the Elsevier Science SCI IF Journal “Information Sciences” (Industrial Applications of Neural Networks) Special Issue.

I am also guest editor in the Special Issue (ICT in Bio and Earth Sciences) of the Journal “Computers and Electronics in Agriculture” Elsevier Science SCI IF

Organization of Conferences

- ✓ I have been the Program Committee Chair of the 10th Engineering Applications of Neural Networks Conference September 2007
- ✓ I am the Program Committee Chair of the 5th IFIP AIAI (Artificial Intelligence Applications and Innovations) International Conference, Thessaloniki, April 2009
- ✓ I am Organizing chair of the 4th HAICTA ICT in Bio and Earth Sciences International Conference, Athens, September 2008
- ✓ I have been member of the Program Committee of the IEEE Machine Learning for Signal Processing XVII 2007, International Conference