

# **Florios J. Kostas**

## **Curriculum Vitae, March 2024**

### **Personal Information**

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*Date of Birth:* 11<sup>th</sup> June, 1977  
*Nationality:* Greek  
*Address:* Vironas, Athens, Greece  
*Telephone:* +30 210 7654777, +30 6943522953  
*E-mail:* cflorios@central.ntua.gr, cflorios@math.uoa.gr, cflorios@aueb.gr  
*Web:* <http://sites.google.com/site/kflorios>  
*Profession:* Chemical Engineer & Operational Researcher, TCG<sup>1</sup> member (2003), HACE<sup>2</sup> member (2004), HELORS<sup>3</sup> member (2007), EURO-EWG<sup>4</sup> member (2007)  
*Research:* h index: 11, #900 citations & #16 papers (source: Scopus)

### **Education**

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*2004 – 2010* **National Technical University of Athens (NTUA).** PhD in Operational Research. Title of PhD Thesis: "Multi Objective Combinatorial Optimization. Mathematical programming and application in energy planning and econometrics" (Supervisor: Assoc. Professor George Mavrotas).

*2001 – 2003* **National Technical University of Athens (NTUA).** Faculties of Chemical Engineering (coordinator faculty), Mechanical Engineering, Civil Engineering, Naval Engineering, Applied Mathematics and Physical Sciences, MSc in Computational Mechanics (Interdisciplinary). Grade: 9,43/10

*1995 – 2001* **National Technical University of Athens (NTUA).** Faculty of Chemical Engineering. Grade: 8,28/10

### **Work Experience**

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*2018 – now* **n & k Technology, Inc.** Consultant Engineer in a US Company concerned with Metrology Systems for the Semiconductor Industry. Location of firm: San Jose, California, Silicon Valley. Full-time position working remotely from Athens, Greece. Supervisor: Jeff Roberts, Application Engineering Manager. (<http://www.nandk.com/>)

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<sup>1</sup> Technical Chamber of Greece  
<sup>2</sup> Hellenic Association of Chemical Engineers  
<sup>3</sup> Hellenic Operational Research Society  
<sup>4</sup> EURO Working Group on MultiCriteria Decision Aiding

- 2015 – 2017*      **Research Center for Astronomy and Applied Mathematics (AA)**  
Academy of Athens. Post-Doctoral Researcher in Machine Learning.  
Supervisor: Research Director, Dr. Manolis Georgoulis.
- 2014 – 2015*      **Department of Statistics (AUEB)** Athens University of Economics  
and Business. Post-Doctoral Researcher in Statistics. Supervisor:  
Professor, Vassilis Vasdekis.
- 2012 – 2013*      **Department of International and European Economics Studies  
(AUEB)** Athens University of Economics and Business. Post-Doctoral  
Researcher in Econometrics. Supervisor: Professor, Yannis Biliadis.
- 2010 – 2012*      **Laboratory of Industrial and Energy Economics (LIEE/NTUA)**  
National Technical University of Athens. Post-Doctoral Researcher.
- 2004 – 2010*      **Laboratory of Industrial and Energy Economics (LIEE/NTUA)**  
National Technical University of Athens. PhD Candidate. Participation in  
one Greek research project ('Leucippus'). Tutoring in three Diploma  
Theses. Administration of LIEE's website. Director: Professor, Danae  
Diakoulaki.

### ***Research Projects as Principal Investigator***

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- 2020 - 2023*      **K. Florios, as Principal Investigator** "HEROIDA: Heuristic and Exact  
Real-integer Optimization methods In Discrete Choice Analysis", The  
Hellenic Foundation for Research and Innovation, 2nd Call for H.F.R.I.  
Research Projects for the support of Post-doctoral Researchers. Official  
start: November 2020. Official end: November 2023. Scientific Area:  
Social Sciences, Scientific Field 1: Economics and Business, Scientific  
Field 2: Econometrics and Mathematical Programming, Evaluation  
Score: 92.9/100. Budget: 144.6k€ (Athens University of Economics and  
Business: 144.6k€)

### ***Research Projects as member of the team***

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- 2015 - 2017*      **K. Florios, as a member of the FLARECAST team** "FLARECAST:  
Flare Likelihood and Region Eruption Forecasting", European  
Commission, The EU Framework Programme for Research and  
Innovation HORIZON2020. Official start: July 2015. Official end:  
December 2017. Budget: 2.4M€ (Academy of Athens: 370k€).
- 2014 - 2015*      **K. Florios, V. Vasdekis, I. Moustaki, D. Rizopoulos** "Composite  
Likelihood inference in dynamic latent variable models for longitudinal  
multidimensional contingency tables", AUEB Research Center,  
ARISTEIA II. Official start: Febr 2014. Official end: July 2015. Budget:  
100k€.

- 2013 - 2014* **K. Florios, Y. Biliias**, "Exact computation of censored least absolute deviations estimation", AUEB Research Center, Program Research Reinforcement 2012-2013 'Action Two. 2012-2013. Reinforcement of Post-Doctoral Researchers for the promotion of research'. Official start: 5.12.2012. Official end: 4.12.2013. Budget: 10k€.
- 2006 -2007* **K. Florios, G. Mavrotas**, "Development of multiobjective evolutionary algorithms for multiobjective combinatorial optimization problems and comparison to multiobjective mathematical programming", NTUA Fundamental Research Support Senate, Program for Fundamental Research Support 'Lefkippos'. Official start: 1.1.2006. Official end: 31.12.2007. Budget: 15k€.

## ***Higher Education Teaching***

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- 2017* **Department of Public Administration. Panteion University of Social and Political Sciences** "Introduction to Operations Research (Linear Programming)", 8<sup>th</sup> Semester, Bachelor's Degree. Adjunct Assistant Professor. Official start: February 2017. Official end: June 2017. Budget: 3k€ (teaching language is Greek).
- 2018* **Department of Mathematics. National and Kapodistrian University of Athens** "Computational Methods in Decision Theory (Linear, Non-Linear & Integer Programming)", 6<sup>th</sup> Semester, Bachelor's Degree. Adjunct Assistant Professor. Official start: March 2018. Official end: August 2018. Coverage of Full-Time Equivalent: 67% (teaching language is Greek).
- 2020* **Department of Economics. Athens University of Economics and Business** "Introduction to Econometrics", 4<sup>th</sup> Semester, Bachelor's Degree. Adjunct Assistant Professor. Official start: February 2020. Official end: June 2020. Budget: 4k€ (teaching language is Greek).
- 2020* **Department of Economics. Athens University of Economics and Business** "Econometrics II", 6<sup>th</sup> Semester, Bachelor's Degree. Adjunct Assistant Professor. Official start: February 2020. Official end: June 2020. Budget: 4k€ (teaching language is Greek).

## ***Skills***

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- Main Skills:*
- Strong research and development skills
  - Adequate theoretical background coupled with project driven spirit
  - Good oral and written communication
  - Ability to work as part of a team and on my own initiative
  - Report Writing and Presentation skills

*Computer Skills:* Programming Languages: FORTRAN, Visual Basic, Pascal, Delphi, MATLAB, IDL, GAMS, R, Python, C, C++  
 Operating Systems: Windows XP/VISTA/7/10, UNIX, LINUX  
 Compilers: ifort, f95, gcc, fpc  
 Packages: PHOENICS, LIMDEP, DECISION LAB, GUROBI, CPLEX  
 Other: Visio, Stata, Tecplot, WINNN  
 Web Publishing: MS Office Publisher 2007.

*Languages:* Greek (Native)  
 English – Cambridge Certificate of Proficiency in English, 1991, Grade C  
 German – Zertifikat Deutsch als Fremdsprache, 1994, Grade A

## ***Journals***

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### International Journals:

- 2008*      **K. Florios, S. Skouras** "Exact computation of max weighted score estimators." Journal of Econometrics 146 86-91. (Impact Factor 2022: 6.3)
- 2008*      **G. Mavrotas, D. Diakoulaki, K. Florios, P. Georgiou** "A mathematical programming framework for energy planning in services' sector buildings under uncertainty in load demand: The case of a hospital in Athens." Energy Policy 36 2415-2429. (Impact Factor 2022: 9.0)
- 2009*      **G. Mavrotas, J. Figueira, K. Florios** "Solving the bi-objective multi-dimensional knapsack problem exploiting the concept of core." Applied Mathematics and Computation 215 2502-2514. (Impact Factor 2022: 4.0)
- 2010*      **K. Florios, G. Mavrotas, D. Diakoulaki** "Solving multiobjective, multiconstraint knapsack problems using mathematical programming and evolutionary algorithms." European Journal of Operational Research 203 14-21. (Impact Factor 2022: 6.4)
- 2010*      **G. Mavrotas, K. Florios, D. Vlachou** "Energy planning of a hospital using mathematical programming and monte carlo simulation for dealing with uncertainty in the economic parameters." Energy Conversion and Management 51 722-731. (Impact Factor 2022: 10.4)
- 2013*      **G. Mavrotas, K. Florios** "An improved version of the augmented  $\epsilon$ -constraint method (AUGMECON2) for finding the exact pareto set in multi-objective integer programming problems." Applied Mathematics and Computation 219 9652-9669. (Impact Factor 2022: 4.0)

- 2014* **K. Florios, G. Mavrotas** "Generation of the exact Pareto set in multi-objective traveling salesman and set covering problems." *Applied Mathematics and Computation* 237 1-19. (Impact Factor 2022: 4.0)
- 2015* **K. Florios, I. Moustaki, D. Rizopoulos, V.G.S. Vasdekis** "A modified weighted pairwise likelihood estimator for a class of random effects models." *Metron* 73 217-228. (Impact Factor 2022: 0.8)
- 2015* **G. Mavrotas, K. Florios, J.R. Figueira** "An improved version of a core based algorithm for the multi-objective multi-dimensional knapsack problem: A computational study and comparison with meta-heuristics." *Applied Mathematics and Computation* 270 25-43. (Impact Factor 2022: 4.0)
- 2018* **K. Florios, I. Kontogiannis, S.H. Park, J. Guerra, F. Benvenuto, D.S. Bloomfield, M.K. Georgoulis** "Forecasting solar flares using magnetogram-based predictors and machine learning." *Solar Physics* 293 (2), art. no. 28. (Impact Factor 2022: 2.8).
- 2018* **K. Florios** "A hyperplanes intersection simulated annealing algorithm for maximum score estimation." *Econometrics and Statistics* 8 37-55. (Impact Factor 2022: 1.9)
- 2019* **Y. Biliass, K. Florios, S. Skouras** "Exact computation of censored least absolute deviations estimator." *Journal of Econometrics* 212 584-606. (Impact Factor 2022: 6.3)
- 2020* **K. Florios, I. Contopoulos, V. Christofilakis, G. Tatsis, S. Chronopoulos, C. Repapis, V. Tritakis** "Pre-seismic Electromagnetic Perturbations in two Earthquakes in Northern Greece." *Pure and Applied Geophysics* 177 787-799. (Impact Factor 2022: 2.0)
- 2021* **K. Florios, I. Contopoulos, G. Tatsis, V. Christofilakis, S. Chronopoulos, C. Repapis, V. Tritakis** "Possible Earthquake Forecasting in a Narrow Space-Time-Magnitude Window." *Earth Science Informatics* 14(1) (2021) 349-364. (Impact Factor 2022: 2.8)
- 2021* **M. Georgoulis, D. S. Bloomfield, M. Piana, A. M. Massone, M. Soldati, P. T. Gallagher, E. Pariat, N. Vilmer, E. Buchlin, F. Baudin, A. Csillaghy, H. Sathiapal, D. R. Jackson, P. Alingery, F. Benvenuto, C. Campi, K. Florios, C. Gontikakis, C. Guennou, J. A. Guerra, I. Kontogiannis, V. Latorre, S. A. Murray, S-H Park, S. von Stachelski, A. Torbica, D. Vischi, M. Worsfold** "The Flare Likelihood and Region Eruption Forecasting (FLARECAST) Project: Flare forecasting in the big data and machine learning era.", *Journal of Space Weather and Space Climate*, Volume 11, Article 39. (Impact Factor 2022: 3.3)

- 2021 **V. Tritakis, I. Contopoulos, C. Florios, G. Tatsis, V. Christofilakis, G. Baldoumas, C. Repapis**, "Anthropogenic Noise and Its Footprint on ELF Schumann Resonance Recordings." *Frontiers in Earth Science*, Volume 9, Article 646277. (Impact Factor 2022: 2.9)

## ***Working papers***

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- 2024 **K. Florios, A. Louka, Y. Biliass** "LASSO can fix the statistical properties of the CLAD estimator under heavy censoring." ([download](#) SSRN report).
- 2023 **K. Florios, A. Louka, Y. Biliass** "Exact computation of censored least absolute deviations estimator for panel data with fixed effects." ([download](#) SSRN report).
- 2022 **K. Florios, A. Louka, Y. Biliass** "Tabu search for maximum score estimator computation." ([download](#) SSRN report).
- 2019 **K. Florios, I. Moustaki, D. Rizopoulos, V.G.S. Vasdekis** "A proposal for creating a weighted composite likelihood estimator using CLIC." (under preparation)
- 2017 **K. Florios, I. Kontogiannis, S.H. Park, J. Guerra, F. Benvenuto, D.S. Bloomfield, M.K. Georgoulis** "Forecasting solar flares using magnetogram-based predictors and machine learning." ([download](#))
- 2016 **K. Florios, I. Moustaki, D. Rizopoulos, V.G.S. Vasdekis** "Dantzig Selector methods for model choice in Generalized Linear Mixed Models." (under preparation)
- 2013 **Y. Biliass, K. Florios, S. Skouras** "Exact computation of censored least absolute deviations estimators." ([download](#) SSRN report).
- 2007 **K. Florios, S. Skouras** "A note on exact computation of max weighted score estimators by mixed integer programming." ([download](#) SSRN report).

## ***European Project Meetings***

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- 2016 **K. Florios** "Prototypal software package realizing standard Machine learning algorithms." 1<sup>st</sup> Full Consortium FLARECAST Meeting, Trinity College Dublin (TCD), School of Physics, Dublin, January 14-15, 2016.
- 2016 **K. Florios** "Prototypal software package realizing {advanced Machine Learning, non-Machine Learning} algorithms." 2<sup>nd</sup> Full Consortium FLARECAST Meeting, University of Genova (UniGe), Department of Mathematics, Genova, June 27-28, 2016.

- 2017*      **K. Florios** "Forecasting solar flares using magnetogram-based predictors and machine learning." FLARECAST Science Workshop, Observatoire de Paris, Meudon, Paris, June 26-29, 2017.

## ***Conferences***

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### International Conferences:

- 2018*      **M.K. Georgoulis, S. Bloomfield, M. Worsfold, D. Jackson, A.M. Massone, M. Piana, C. Campi, F. Benvenuto, K. Florios** "Forecast verification in the Framework of the EU FLARECAST project." 42<sup>nd</sup> Committee on Space Research Scientific Assembly (COSPAR2018), California Institute of Technology (Caltech), 14 – 22 July 2018, Pasadena, California, USA.
- 2017*      **K. Florios, I. Moustaki, D. Rizopoulos, V. Vasdekis** "A weighted composite likelihood estimator through an information criterion", 9<sup>th</sup> Conference of the Eastern Mediterranean Region and the Italian Region of the International Biometric Society, 8 – 12 May 2017, Thessaloniki, Greece.
- 2015*      **V. Vasdekis, K. Florios, I. Moustaki, D. Rizopoulos** "A Dantzig selector composite likelihood approach for multivariate generalized linear mixed models", International Meeting of the Psychometric Society (IMPS 2015), 12 – 16 July 2015, Beijing Normal University, Beijing, China.
- 2015*      **Y. Biliass, K. Florios, S. Skouras** "Exact computation of censored least absolute deviations estimator", Boneyard Econometrics IV Conference, University of Illinois at Urbana-Champaign, Department of Economics, 17 April 2015, Urbana, IL, USA.
- 2014*      **G. Mavrotas, J. Figueira, K. Florios** "Generalizing the core concept for multi-objective multi-dimensional knapsack problems and comparison to evolutionary algorithms", 79<sup>th</sup> Meeting of the European Working Group Multiple Criteria Decision Aiding (MCDA79), The Association of European Operational Research Societies, 3-5 April 2014, Athens, Greece.
- 2011*      **K. Florios, G. Mavrotas**, "Application of the maximum score maximum profit estimator to stocks of the banking sector in the Athens Stock Exchange", 7<sup>th</sup> GRACM International Congress on Computational Mechanics (GRACM7), Greek Association of Computational Mechanics, 30 June - 2 July 2011, Athens, Greece.
- 2008*      **G. Mavrotas, J. Figueira, K. Florios** "Solving bi-objective multidimensional knapsack problems exploiting the concept of core", 67<sup>th</sup> Meeting of the European Working Group Multiple Criteria Decision Aiding (MCDA67), The Association of European Operational Research Societies, 3-5 April 2008, Rovaniemi, Finland.
- 2007*      **K. Florios, G. Mavrotas, D. Diakoulaki** "Solving bi and tri criteria knapsack instances using mathematical programming and evolutionary algorithms: Results and analysis", 66<sup>th</sup> meeting of the EURO Working Group on Multicriteria Decision Aiding (MCDA66), October 18-20, 2007, Marrakech, Morocco.



- 2007* **G. Mavrotas, D. Diakoulaki, P. Georgiou, K. Florios** "Energy planning in buildings under demand uncertainty using Multi-Objective programming and the minimax regret criterion: An implementation in GAMS", 22<sup>nd</sup> European Conference on Operational Research (EURO XXII), The Association of European Operational Research Societies, July 8-11 2007, Prague, Czech Republic.
- 2006* **G. Mavrotas, K. Florios, P. Georgiou, D. Diakoulaki** "A MOMILP model for hospitals energy rehabilitation handling uncertainty in load profiles", 19<sup>th</sup> Mini-EURO Conference, Operations Research Models and Methods in the Energy Sector (ORMMES), The Association of European Operational Research Societies, September 6-8 2006, Coimbra, Portugal.
- 2006* **G. Mavrotas, K. Florios, P. Georgiou**, "Energy planning in buildings under uncertainty in fuel costs: The case of a hospital in Greece", 16<sup>th</sup> European Symposium on Computer Aided Process Engineering (ESCAPE16), European Federation of Chemical Engineering (EFCE), July 9-13, 2006, Garmisch-Partenkirchen, Germany ([download](#), 2<sup>nd</sup> .pdf file from top, id: 1095.pdf).
- 2006* **K. Florios, G. Mavrotas**, "Urban solid waste collection in peak demand periods via the simulated annealing method", 2<sup>nd</sup> International Conference and Exhibition organized by the Hellenic Solid Waste Management Association, Hellenic Solid Waste Management Association (HSWMA), February 3-4, 2006, Athens, Greece.
- 2005* **K. Florios, C. Kiranoudis, G. Mavrotas**, "Heuristics for urban solid waste collection", 5<sup>th</sup> International Exhibition and Conference on Environmental Technology (HELECO'05), Technical Chamber of Greece, Exhibition Centre HELEXPO, February 3-6, 2005, Marousi, Athens, Greece ([in english](#), 6<sup>th</sup> .pdf file from top).

#### Greek Conferences:

- 2017* **K. Florios, I. Kontogiannis, S.H. Park, J. Guerra, F. Benvenuto, M.K. Georgoulis** "Forecasting solar flares using magnetogram-based predictors and machine learning.", 13<sup>th</sup> Hellenic Astronomical Conference, Hellenic Astronomical Society, 2-6 July, Irakleion, Greece.
- 2013* **K. Florios, G. Mavrotas** "Generation of the exact Pareto set in multi-objective traveling salesman and set covering problems", 24<sup>th</sup> Conference of the Hellenic Operational Research Society, 26-28 September, Athens, Greece ([in English](#)).
- 2013* **K. Florios, S. Skouras, Y.Bilias** "Computation of censored least absolute deviations estimators by mixed integer programming", 9<sup>th</sup> Hellenic Chemical Engineering Conference, May 23-25 2013, Athens, Greece ([in English](#)).
- 2012* **G. Mavrotas, K. Florios** "Finding the exact Pareto set in multiple objective integer programming problems using an improved version of the epsilon constraint method", 23<sup>rd</sup> Conference of the Hellenic Operational Research Society, 12-14 September, Athens, Greece ([in English](#)).



- 2008* **K. Florios, G. Mavrotas, D.Diakoulaki** "SMS-UTA: Semiparametric maximum score – utilité additive", 20<sup>th</sup> Conference of the Hellenic Operational Research Society, 19-21 June, Spetses, Greece.
- 2005* **E. Koutoulakos, K. Florios**, "Development and application of genetic algorithms in multivariate mathematical functions optimization", 5<sup>th</sup> Hellenic Chemical Engineering Conference, May 26-28 2005, Thessaloniki (in Greek).
- 2003* **K. Florios, C. Kiranoudis**, "Green reverse logistics. The household waste collection problem", 4<sup>th</sup> Hellenic Chemical Engineering Conference, May 29-31, 2003, Patras (in Greek).
- 2001* **K. Florios, G. Mavrotas, D. Diakoulaki**, " Forecasting international spot prices of fuels and other commodities using artificial neural networks. A comparison to traditional statistical techniques", 3<sup>rd</sup> Hellenic Chemical Engineering Conference, May 31-June 2, 2001.

### ***Summer Schools***

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- 2007* **K. Florios, S. Skouras** "A note on exact computation of max weighted score estimators by mixed integer programming", 6<sup>th</sup> Conference on Research on Economic Theory and Econometrics (CRETE2007), AUEB, July 9-12 2007, Naxos, Greece ([download](#)).
- 2013* **Y. Biliass, K. Florios, S. Skouras** "Computation of censored least absolute deviations estimators by mixed integer programming", 12<sup>th</sup> Conference on Research on Economic Theory and Econometrics (CRETE2013), AUEB, July 14-18 2013, Naxos, Greece.
- 2014* **Y. Biliass, K. Florios, S. Skouras** "Exact computation of the maximum score estimator in the ordered response model by mixed integer programming", 13<sup>th</sup> Conference on Research on Economic Theory and Econometrics (CRETE2014), AUEB, July 13-17 2014, Milos, Greece.
- 2015* **K. Florios, I. Moustaki, D. Rizopoulos, V. Vasdekis** "A modified weighted pairwise likelihood estimator for a class of random effects models", 14<sup>th</sup> Conference on Research on Economic Theory and Econometrics (CRETE2015), AUEB, July 12-16 2015, Chania, Greece.
- 2022* **K. Florios, A. Louka, Y. Biliass** "Tabu search for maximum score estimator computation", 20<sup>th</sup> Conference on Research on Economic Theory and Econometrics (CRETE2022), AUEB, July 11-15 2022, Tinos, Greece.

### ***Invited Talks***

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- 2007* **K. Florios, S. Skouras**, "Computation of maximum score type estimators by mixed integer programming." PhD Seminar Series, Department of International and European Economic Studies, Athens University of Economics and Business, April 18, 2007, Athens ([download](#)).

- 2016* **K. Florios, I. Kontogiannis, S.H. Park, J. Guerra, F. Benvenuto, M.K. Georgoulis** "Forecasting solar flares using magnetogram-based predictors and machine learning." Weekly Research Seminar Series, Research Center for Astronomy and Applied Mathematics, Academy of Athens, November 29, 2016, Athens. ([download](#)).
- 2018* **Y. Biliadis, K. Florios, S. Skouras** "Exact Computation of censored least absolute deviations estimator", Research Seminar in Department of Economic Sciences, University of Crete, June 13 2018, Rethimno, Greece.
- 2018* **K. Florios**, "Possibility of Earthquake Forecasting Within a Narrow Time-Space Window" Weekly Research Seminar Series, Research Center for Astronomy and Applied Mathematics, Academy of Athens, December 11, 2018, Athens.

## ***Reviewer***

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- 2011 - 2024* Applied Mathematics and Computation (3)  
 Astrophysical Journal (4)  
 Central European Journal of Operations Research (1)  
 Computational Optimization and Applications (1)  
 Computers & Industrial Engineering (2)  
 Computers & Operations Research (4)  
 Control and Cybernetics (1)  
 Discrete Optimization (1)  
 Electric Power Systems Research (1)  
 Energy – The International Journal (1)  
 European Journal of Operational Research (4)  
 Expert Systems with Applications (1)  
 International Journal of Environmental Research and Public Health (1)  
 International Journal of Information Technology & Decision Making (1)  
 International Journal of Multicriteria Decision Making (8)  
 Journal of Applied Econometrics (1)  
 Journal of Engineering Mathematics (1)  
 Journal of Heuristics (1)  
 Journal of Multi-Criteria Decision Analysis (1)  
 Operational Research: An International Journal (4)  
 Optimization (1)  
 Optimization Letters (1)  
 RAIRO – Operations Research (1)

## ***Supervision of Postdoctoral Research Associates***

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- 2021/7-2023/11* **Alexandros LOUKA**, PhD Economics AUEB, postdoctoral research associate in the H.F.R.I. Research Project «HEROIDA» where I am the Principal Investigator (PI).

## ***Miscellaneous***

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- 2007* Publication in GAMS Model Library. Model MWS (No.331) (<http://www.gams.com/modlib/libhtml/mws.htm>) (with S. Skouras)
- 2013* Publication in GAMS Model Library. Model EPSCMMIP (No.384) (<http://www.gams.com/modlib/libhtml/epscmmip.htm>) (with G. Mavrotas)
- 2014* Publication in GAMS Model Library. Model CLAD (No.397) (<http://www.gams.com/modlib/libhtml/clad.htm>) (with Y. Biliass and S. Skouras)
- 2018* HMI Science Nuggets contribution, April 2018 (# 95: Forecasting Solar Flares Using Magnetogram-Based Predictors and Machine Learning, [hmi.stanford.edu/hminuggets/?p=2423](http://hmi.stanford.edu/hminuggets/?p=2423), contributed by Kostas Florios for the Stanford HMI nuggets popular Science portal).

## ***Scholarships***

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- 2004 – 2007* **Greek State Scholarships Foundation (IKY).** PhD Scholarship.
- 2001 – 2003* **National Technical University of Athens.** MSc Scholarship.
- 1995 – 2001* **Hellenic Ministry of National Education.** Diploma Scholarship
- 1997 – 1998* **Greek State Scholarships Foundation (IKY).** Yearly Prize
- 1996 – 1997* **Greek State Scholarships Foundation (IKY).** Yearly Prize