

Fouad Ben Abdelaziz

Personal Information:

Actual Address : Rouen Business School
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Languages: Arabic, English, French

Education:

- Senior Fulbrighter, Rutgers Center for Operations Research, RUTCOR, Rutgers – The State University of New Jersey, USA September-December 1999
- Ph.D. in Operations and Decision Systems (1992), Faculty of Sciences of Administration, Laval University, Canada
- Master of Sciences in Business Administration (1985), Institut Supérieur de Gestion, University of Tunis
- Officers' Degree (1982), Military Academy of Fondouk Eljadid, Tunisia.
- Bachelor in Mathematics (1981), Faculty of Sciences, University of Tunis, Tunisia.

Main Activities:

- Professor and Head of the MSc in Supply Chain Management, Rouen Business School, 2012- current
- Professor at the Graduate Engineering Systems Management Program, College of Engineering, The American University of Sharjah, Sept 2007- 2012.
- On Leave at The College of Business Administration, University of Dubai Sept 2006- Aug 2007
- Visiting at the Olyan Business School American University of Beirut, Sept 2005- August 2006
- On leave at the College of Business Administration, University of Sharjah UAE, Feb 2003 – June 2005

- Professor, Institut Supérieur de Gestion, University of Tunis, May 2000 -
- Adjunct Professor at Laurentian University, Sudbury, Ontario, Canada, 2001- 2009
- Director of the Decision Aid and Operations Research Lab, "LARODEC", University of Tunis, Tunisia, 2002
- Associate Professor, Institut Supérieur de Gestion, University of Tunis, Tunisia, September 1995-2000
- Assistant Professor, Institut Supérieur de Gestion, University of Tunis, 1993-1995
- Lecturer, Laval University, Canada 1990-1992
- Lecturer, Institut Supérieur de Gestion, University of Tunis, 1986-1988

Organizing Scientific Activities:

- Chair ICMSAO13, www.icmsao.org
- Co Chair ICMFII 13, www.icmfii.com
- Invited Plenary Speaker at MOPGP 2010 and 2012
- Chair of the International conference on Multidimensional Finance, Insurance and Investment, Tunisia, 14-16 April, 2011. www.icmfii.com
- Co chair of the organization committee of the second International Conference on Engineering Systems Management & Applications, ICESMA2010, from 30 March to 1 April 2010, the American University of Sharjah, UAE.
- Tutorial on Multiobjective Programming for ICSMAO09, AUS
- Panellist at the 2nd Global Logistics & Supply Chain Management Strategy Summit 2009, Dubai, May 2009
- Co Track chair of the Third International conference on modeling, simulation and applied optimization, ICMSAO'09, January 20-22, 2009, AUS, Engineering Systems Management Track. www2.aus.edu/conferences/icmsao09
- Invited speaker: A survey on Multiobjective stochastic optimization, at the department of Mathematical economics and initiation of common research, University of Malaga, Spain, November 14, 2008
- Member of the Organizing Committee of the First International Symposium on Supply Chain Management at AUS (ISSCM 2008), April 25-27, 2008, www2.aus.edu/conferences/isscm2008

- Chair of the Organizing Committee of the University of Dubai Business Forum May 23, 2007,
- Co Chair of the Scientific Committee and Organizer of the XIII Congress of the International Association for Fuzzy-Set Management and Economy, Tunisia 30 Nov 2 Dec 2006, http://www.isg.rnu.tn/sigefxiii/_private/index.htm
- Organizer of The 6th International Conference on Multiobjective Programming and Goal Programming Conference MOPGP04, April 2004, <http://www.isg.rnu.tn/mopgp04/>
- Co-organizer of the Knowledge Management and Decision Conference, Hammamet, Tunisia, 10-11 January 2004
- Co-organiser of the conference FUSION 2000, Douz, Tunisia April 2000
- Organiser of the first school on Multicriteria decision making EMAD99, Carthage, Tunisia, April 1999
- Co-organizer of the Second French Conference of Operations Research (FRANCORO II), Sousse, Tunisia, April 1998

Scholarship and Awards:

- Winner of the National Bank of Sharjah Research Award, June 2004
- Best paper: F. Ben Abdelaziz and H. Masri (2003): A fuzzy Multiobjective approach to fuzzy stochastic programs, ISCIII'03 Conference, Hammamet 19-23 May 03; pp 109-112.
- Senior Fulbright Scholarship, Rutgers Center for Operations Research, RUTCOR, Rutgers University, September-December 1999
- Tunisian scholarship for undergraduate Studies, MBA and Ph.D. Studies

Community Services and Training:

- Trainer in Decision techniques for Managers, Abu Dhabi HCT, May 9-11,2008
- Assessor for the 2006 Dubai Business Award, UAE
- Trainer in Project Management, University of Sharjah, UAE 2004
- Consultant "Chemical Industrial Group of Tunisia", Tunis 1997-2002
- Consultant, "Tunisian Institute of Telecommunication and Computer Sciences", Tunisia 1996-2002

- Consultant for the Tunisian National Distribution Oil Company, 2000-2002

Visiting Professor:

- Visiting scholar to Lisbon Institute of Technology, Portugal, November 7-11, 2009
- Invited Professor at Coimbra University, Portugal 14-23 May 2002
- Invited Professor at University of Lille, France March 2002
- Invited Professor at Pace University, N. Y., USA July 2000
- Visiting Professor, School of Commerce, Laurentian University, Ontario, Canada May-June 2000, May-June 2001
- Visiting Professor LIP6, University of Paris 6, France September 1998
- Invited Professor, Laval University, Canada September-December 1995
- Visiting Professor, Faculté Polytechnique de Mons, Belgium, June-July 1995
- Visiting Professor, Laval University, Canada, September-December 1994

Teaching

- **Rouen Business School**
 - ✓ *Graduate Courses 2012-2013:* Project Management, Research Methodology, Quality Management
 - ✓ *Undergraduate Courses 2013:* Management Industrielle
- **American University of Sharjah, UAE**
 - ✓ *Graduate Courses 2007-2011:* Project Management, Engineering Management, Management of Information technology, Research Methodology, Quality Management
 - ✓ *Undergraduate Courses 2007-2011:* Project Management, Engineering Economy
- **College of Business Administration, University of Dubai:** Quantitative Methods for Business (2006-2007), Statistical analysis
- **American University of Beirut, Lebanon**
 - ✓ *Graduate Courses (MBA) 2005-2006:* Business Research Methods, Statistical Analysis for Business, Statistics (EMBA)
 - ✓ *Undergraduate Courses (2003- 2004):* Introduction to Decision Making, Operations Management

- **Sharjah University, UAE**
- *Graduate Courses (EMBA) 2003-2004:* Decision Sciences
- *Undergraduate Courses (2003- 2004):* Introduction to Management Sciences, Operations Management, Principles of Management
- **Laurentian University, Ontario, Canada (2000):** Statistics for Business and Economics
- **Coimbra University, Portugal (2002)**
 - ✓ *Graduate Courses:* Stochastic Processes
- **University of Tunis, Tunisia**
 - ✓ *Graduate Courses (1992-2002):* Multicriteria Decision Theory, Management of Uncertainty in Expert Systems, Artificial Intelligence techniques for Decision Aid, Convex Analysis, Management Information system, Research Methodology and Epistemology.
 - ✓ *Undergraduate Courses (1992- 2002):* Probability theory for Decision Making, Discrete Mathematics for Computer Applications, Linear Algebra, Operations Research, Non Linear Optimization.
- **Laval University, Canada (1989-1992; 1994):** Statistics for Business Economics, Decision and Uncertainty, Business Quantitative Methods.

Computer and IT Knowledge:

- **Operating Systems:** WINDOWS, DOS, UNIX (average)
- **Programming Languages:** LATEX, LISP and PROLOG (General Knowledge)
- **Software:** LINDO, MS OFFICE, MS PROJECT, SAS

Committees:

- **American University of Sharjah**
 - Chair of the Curriculum Committee
- **University of Dubai**
 - Chair of the Research Committee at the College of Business Administration
 - Member of the Curriculum Committee
- **University of Tunis**

- Member of the College council for 6 years
- Member of the Doctoral Program Committee for 6 years
- Member of the MBA Committee for 6 years
- Member of the National Recruitment Committees (5 years)
- President and member of many Ph.D. Examination Committees
- Member of the “Habilitation” committee at The University of Tunis

Publications :

Editor of Special Issues in Journals and Proceedings

1. Guest Editor of a special issue on multi-attribute portfolio selection problems INFOR (2012)
2. Editor of a special issue on International Journal of Economics and Engineering Management (IJEME) (2011).
3. Guest Editor of International Journal of Multi Criteria Decision Making (2011)
4. Editor of a special issue on Supply Chain management, International Journal of Operations and Quantitative Management (2011)
5. Guest editor of the featured issue of Fuzzy sets and Systems (2009)
6. Guest Editor, European Journal of Operational Research (2007): Special Issue on Multiobjective Programming: New trends and Applications, 177
7. Ben Abdelaziz F, Haouari M. and Mellouli Kh.(eds.), (2000) : Optimisation et Décision, Actes des Deuxièmes Journées Francophones de Recherche Opérationnelle, Centre de Publication Universitaire de Tunis,

Refereed Journals and Chapters Refereed Books

1. Souiden N., Ben Abdelazizi F. and Fauconnier A. (2013): Nutrition labelling: Employing Consumer Segmentation to Enhance Usefulness, Journal of Brand Management Vol. 20, 4, 267–282.
2. Ben Abdelaziz F. and Masmoudi M. (2013): Multiobjective Portfolio Selection with Random Beta, to appear in International Transactions in Operational Research.
3. Medeb O, Ben Abdelaziz F., and De Figuiera J (2013): A Generalised Manipulability of Fuzzy Voting Rules, to appear in Journal of Fuzzy and Intelligent System.

4. Ben Abdelaziz F., (2013): An Interactive Method for the Bi-objective Resource-Constrained Project Scheduling, *International Journal of Multi-criteria Decision Making*, Vol.3, No.1, pp.65 – 78.
5. Masmoudi M. and Ben Abdelazizi F. (2012): A Recourse Goal Programming Approach for the Portfolio Selection Problem, *INFOR*, Vol. 50, No. 3, pp. 134–139.
6. Aouni B., Ben Abdelaziz F., and La Torre D. (2012): The Stochastic Goal Programming Model: Theory and Applications, *Journal of Multi-Criteria Decision Analysis* Vol. 19, No. 5-6, pp. 185-200.
7. Munoz M., and Ben Abdelaziz F. (2012): Satisfactory Solution Concepts and Their Relations for Stochastic Multiobjective Programming, *European Journal of Operations Research*, 220 (2), 430- 442.
8. Ben Abdelaziz F and Mejri S. (2012): De-centralized Bi-level Model for Shared Inventory Management, *Production Planning & Control: The Management of Operations*, pp. 1-18.
9. Ben Abdelaziz F., Mejri S. (2011): Electronic Integration across Supply Chain Members: Brief Lookup, *International Journal of Operations and Quantitative Management*, 17, 2; pp. 161- 172.
10. Ben Abdelaziz F. (2011): Solution approaches for the Multiobjective Stochastic Programming, *European Journal of Operations Research*, 216 (1), 1-60.
11. Ben Abdelaziz F. and Masmoudi M. (2011): A multiobjective Stochastic Program for Hospital Bed Management, *Journal of Operations Research Society*, 39, 1-9.
12. Masri H and Ben Abdelaziz F., (2011) Belief linear programming; in *International Journal of Approximate Reasoning*, 51 (8), 973-983.
13. Krichen S., Labidi, A. and Ben Abdelaziz F. (2011): Single supplier multiple retailers inventory model with quantity discount and permissible delay in payments; in *Computers & Industrial Engineering*, 60, 164-172.
14. H. Masri, F. Ben Abdelaziz and I. Meftahi. (2011): A multiobjective Stochastic Portfolio Selection with partial Information on Probability Distribution, *Journal of Financial Decision Making*, 7 (1), 153-165.
15. Ben Abdelaziz F., Masri H., (2010): “A compromise solution for the multiobjective stochastic linear programming under partial uncertainty”, *European Journal of Operations Research*, 202 (1), 55-59.
16. Ben Abdelaziz F. (2009) “Aspects of fuzzy decision making”, Editorial, *Fuzzy Sets and Systems*, 160, 3183

17. Ben Abdelaziz F., Masri H., (2009): "Multistage Stochastic Programming With fuzzy probability distribution", *Fuzzy Sets and Systems Journal*, 160 (22), 3239-3249
18. Ben Abdelaziz F., El Fayedh R., and Rao A. (2009): "Discrete Stochastic Goal Programming for Portfolio Selection the case of UAE Equity Market", *Journal of Information and Operations research*, 47, 5-13.
19. Ben Abdelaziz F. Figueira J. and Meddeb O. (2008): " On the Manipulability of Fuzzy Social Choice Functions", *Fuzzy Sets and Systems*, 159, pp 177-184
20. Ben Abdelaziz F. Ben Brahim M. and Zaccour G. (2008): "R&D equilibrium Strategies with Surfers", *Journal of Optimization Theory and Applications*, 136, 1-13
21. Krichen S. and Ben Abdelaziz F. (2007): " An Optimal Stopping Problem by two or more decision makers", *Sequential Analysis*, 26, 467-480
22. Ben Abdelaziz F. (2007): "Multiobjective Programming and Goal programming: New trends and Application", Editorial, *European Journal of Operational Research*, 177, 1520-1522
23. Ben Abdelaziz F., Aouni B. and El Fayedh R. (2007): "Portfolio Selection through the Stochastic Goal Programming", *European Journal of Operational Research*, 177, 1811-1823
24. Ben Abdelaziz F. Krichen S. (2007): "Optimal Stopping Problem by two or more decision makers" *Computational Management Sciences*, 4, 2, pp 89-111.
25. Ben Abdelaziz F., Krichen S. and Dridi O. (2007): " A Multiobjective Resource-Constrained Project-Scheduling Problem", 9th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, in *Computer Sciences Series*, Springer
26. Aouni B., Ben Abdelaziz F., Martel J. M. (2005), Decision-Maker's Preferences Modeling in the Stochastic Goal Programming, *European Journal of Operational Research*, 162 (3), 610-618
27. Ben Abdelaziz F., Masri H. (2005), "Stochastic Programming with Fuzzy Linear Partial Information on Probability Distribution", *European Journal of Operational Research*, 162(3), 619-629
28. Ben Abdelaziz F., Krichen S. (2005), "An Interactive Method for the optimal Selection Problem with Two Decision Makers", *European Journal of Operational Research*, 162(3), 602-609
29. Ben Abdelaziz F., Martel J. M., Mselmi A. (2004) "IMGD: An Interactive Method for Group Decision Making", *Journal of the Operational Research Society*, 55, 464-474

30. Ben Abdelaziz F., Enneifar L., Martel J. M. (2004), A Multiobjective Fuzzy Stochastic Program for Water Resources Optimization: the Case of Lake Management, *Information System and Operational Research Journal*, Vol.42, 3, 201-215
31. Ben Abdelaziz F., Mejri S. (2001), "Application of goal Programming in Multiobjective Reservoir Operation Model in Tunisia", *European Journal of Operational Research*, 133(2), 352-361
32. Ben Abdelaziz F., Lang P., Nadeau R. (1999), "Efficiency in Multiple Criteria Under Uncertainty", *Theory and Decision*, 47(13), 191-211
33. Ben Abdelaziz F., Lang P., Nadeau R. (1995), "Distributional Efficiency in Multiobjective Stochastic Linear Programming", *European Journal of Operational Research*, 85, 399-415.
34. Ben Abdelaziz F., Lang P., Nadeau R. (1994), "Pointwise Efficiency in Multiobjective Stochastic Linear Programming", *Journal of the Operational Research Society*, 45 (11), 1324-1334
35. Ben Abdelaziz F., Krichen S., Chaouachi J. (1999), A Hybrid Heuristic for Multiobjective Knapsack Problems, in S. Voss et. al. (eds) *Meta-Heuristics: Advances and Trends in Local Search Paradigms for Optimization*, 205-212, Kluwer.
36. Ben Abdelaziz F., Lang P., Nadeau R. (1997), Dominance and Efficiency in Multiobjective Stochastic Linear Programming, in Caballero R, Ruiz F. and Steuer R. (eds.), *Advances in Multiple Objective and Goal Programming*, Lecture Notes in Economics and Mathematical Systems, Springer.
37. Ben Abdelaziz F., Lang P., Nadeau R. (1997), Distributional Unanimity in Multiobjective Stochastic Programming, in J. N. Climaco (ed.), *Multicriteria Analysis*, Springer Verlag,

Refereed Proceedings:

1. Ben Abdelaziz, F. and El Gamal S. (2013). Optimizing Cost and Quality of International Calls Routing Using Multi-Objective Optimization Techniques, *IEEE Explore, Proceedings of the 5th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'2013)*, April 28-30, 2013, Hammamet, Tunisia.
2. Limam, O. and Ben Abdelaziz F. (2013). Multicriteria Fuzzy Clustering for Brain Image Segmentation, *IEEE Explore, Proceedings of the 5th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'2013)*, April 28-30, 2013, Hammamet, Tunisia.
3. Meddeb, O. and Ben Abdelaziz, F. and Rui Figueira J. (2013). A characterization of fuzzy strategy-proof Social Choice Functions, *IEEE Explore, Proceedings of the 5th International*

- Conference on Modeling, Simulation and Applied Optimization (ICMSAO'2013), April 28-30, 2013, Hammamet, Tunisia.
4. El Fayedh, R., Ben Abdelaziz, F. and Aouni B. (2013). Scenario Generation for Multi-objective Stochastic Portfolio Selection, IEEE Explore, Proceedings of the 5th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'2013), April 28-30, 2013, Hammamet, Tunisia.
 5. Ben Abdelaziz, F., Masri, H. , and Alaya H. (2011). A solution approach for the stochastic airport bus routing problem, IEEE Explore, Proceedings of the 4th International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'2011), April 19-21, 2011, Kuala Lumpur, Malaysia
 6. F. Ben Abdelaziz and H. El Baz (2010). “An optimization model based on Neural Network and Particle Swarm: an application case from the UAE” IEEE Xplore, The Proceedings of ICESMA10 Conference, AUS, UAE
 7. F. Ben Abdelaziz and H. Mir (2010), Scheduling of tasks with fuzzy dwell times in a multifunction radar ” IEEE Xplore, The Proceedings of ICESMA10 Conference, AUS, UAE
 8. H. Masri, F. Ben Abdelaziz and I. Meftahi. (2010) ”A multiobjective Stochastic Portfolio Selection with partial Information on Probability Distribution”, IEEE Xplore, Proceedings of the Second International Conference on Computer and Network Technology, Bangkok, Thailand
 9. Masri H. and Ben Abdelaziz F. (2009), Belief Linear Program: A Recourse Approach, Proceedings of The Third International Conference on Modeling, Simulation and Applied Optimization (ICMSAO09), College of Engineering, American University of Sharjah, January 20-22, 2009, Sharjah, UAE.
 10. Ben Abdelaziz F. and Masri H. (2003), A fuzzy Multiobjective approach to fuzzy stochastic programs, the international conference ISCIII'03, Hammamet, May 19-23, pp. 109-112
 11. El Louadi M., Tounsi I., and Ben Abdelaziz F. (2003), Mémoire organisationnelle, technologies de l'information et capacité organisationnelle de traitement de l'information, Actes de la XIIème conférence annuelle de l'Association Internationale de Management Stratégique (AIMS), 3-6 juin, Gammarth, Tunis, pp. 1-25
 12. Ben Abdelaziz F., Roucairol C., Bacha C. (2002), Delivery of liquid fuels to SNDP gas stations using vehicles with multiple compartments, Proceedings IEEE-SMC conference, Hammamet 6-9, Tunisia October 2002

13. Ben Abdelaziz F., Roucairol C., Hammouda M. (2002), Optimization of vehicle routing problem with column generation: application to the redistribution problem, Proceedings IEEE-SMC conference, Hammamet 6-9, Tunisia October 2002
14. Ben Abdelaziz F., Pomerol J. CH., Telmoudi A. (2002), The evidential database model, IEEE-SMC conference, Hammamet 6-9, Tunisia October 2002
15. Ben Abdelaziz F., Masri H. (2000), Uncertain Programming: A chance Constrained Approach, Proceedings of ACIDCA00, Monastir, Tunisia April 2000
16. Ben Abdelaziz F., Chaari A. (2000), Vehicle Routing with Stochastic Time Windows, Proceedings of ACIDCA00, Monastir, Tunisia April 2000
17. Ben Abdelaziz F., Bouassida N. (1998), A Neural Network and a Fuzzy Neural Network for predicting precipitations, Proceeding of the Computational Engineering in Systems applications (CESA'98), IEEE Systems Man and Cybernetics, Vol. 4, pp. 610-614
18. Ben Abdelaziz F., Krichen S. (1998), A Tabu Search heuristic for Multiobjective Knapsack Problems, Proceeding of the Computational Engineering in Systems applications (CESA'98), IEEE Systems Man and Cybernetics, Vol. 2, pp. 212-216
19. Kettani O., Ben Abdelaziz F., Dhia M. (1997), A Multicriteria Method for Project Selection: The Case of Tunisian Bank Sector, in M. Oral, O. Kettani (eds) Proceedings of the First Conference on Competitiveness, Bilkint University Press. pp 381-396
20. Ben Abdelaziz F., Chaouachi J. and Krichen S. (1997), Metaheuristiques de Resolution du Probleme de Sac a Dos Multiobjectif, M. Itmi, J. P. Recuchet and H. P. Val (eds.), Actes de la premiere conference Francophone en Modelisation et Simulation des Systemes de Production et de Logistique MOSIM'97, pp. 443-450, Editions Hermes.
21. Ben Abdelaziz F., Barkaoui K. and Mejri S. (1997), Simulation des Lachers dans un Probleme de Multi-Reservoirs" In M. Itmi, J. P. Recuchet and H. P. Val (eds.), Actes de la premiere conference Francophone en Modelisation et Simulation des Systemes de Production et de Logistique MOSIM'97, pp. 309-316, Editions Hermes.

Research Reports and Teaching Notes:

1. Ben Abdelaziz F., Ben Brahim M., Zaccour G., (2007), "R&D equilibrium strategies with surfers", Les Cahiers du GERAD, ISSN:0711-2440, HEC Montréal, Canada.
2. Ben Abdelaziz F., Lang P., Nadeau R. (1997), "Notions d'efficacité en Programmation Multiobjectif Stochastique", LAMSADE Document 101, Université Paris Dauphine, France.

3. Ben Abdelaziz F., Krichen S. (1997), "A Tabu Search Heuristic for Multiobjective Knapsack Problems", Rutcor Research Report, Rutgers University, New Jersey, RRR 28-97, <http://rutcor.rutgers.edu/~rrr/1997.html>, Dec 1997.
4. Ben Abdelaziz F., P. Lang and R. Nadeau (1997), "Dominance and Efficiency in Multicriteria Decision under Uncertainty", Rutcor Research Report, Rutgers University, New Jersey, RRR 29-97, <http://rutcor.rutgers.edu/~rrr/1997.html>, Dec 1997.
5. Ben Abdelaziz F., Lang P., Nadeau R. (1994), "Multiobjective Stochastic Programming: State of the Art", Working paper 94-9, Institut Supérieur de Gestion, University of Tunis III, Tunisia.
6. Ben Abdelaziz F. (1993), "Théorie multivariee de la décision", Lecture notes, graduate course, University of Tunis III.
7. Ben Abdelaziz F. (1992), "Mathématiques Discrètes", Lecture notes, undergraduate course, University of Tunis III.

Work in Progress:

1. Ben Abdelalaziz F., Krichen S., Bahri I. A Genetic and Core Stability Approach for the Coalition Formation Problem, submitted to Artificial Intelligence
2. Probabilistic approach with emergency and back orders in a Shared Inventory management in SCM to be submitted to EJOR
3. A survey paper on Bi-level Methods in SCM to be submitted to JORS

Conference Presentations:

1. H. Masri, F. Ben Abdelaziz, Belief Linear Programming: A Recourse Approach, Third international conference on modeling, simulation and applied optimization, College of Engineering American University of Sharjah U.A.E, January 20-22, 2009.
2. F. Ben Abdelaziz, S. Krichen, A. Laabidi, Coalition formation for Multiple Retailers with Permissible Delay in Payment, Third international conference on modeling, simulation and applied optimization, College of Engineering American University of Sharjah U.A.E, January 20-22, 2009.
3. N. Souiden, F. Ben Abdelaziz, A Fuzzy Goal Programming Segmentation Approach for Consumers Attitude and Behavior towards Nutrition Labels, Third international conference

- on modeling, simulation and applied optimization, College of Engineering American University of Sharjah U.A.E, January 20-22 2009.
4. F. Ben Abdelaziz, M. Ben Brahim and G. Zaccour, A three-stage R&D game with absorptive capacity and surfer, The Seventh UAE Mathematics Day, University of Sharjah, April 25th, 2009.
 5. O. Meddeb F. Ben Abdelaziz, J. Figueira, Fuzzy strategy-proofness and a fuzzy version of the arrow's result, The Seventh UAE Mathematics Day, University of Sharjah, April 25th , 2009.
 6. O. Meddeb F. Ben Abdelaziz, J. Figueira, Generalized Manipulability of Fuzzy Social, International Conference on Fuzzy Systems and Technologies, Honk Kong (2009)
 7. Meddeb O., Ben Abdelaziz F., Figuieria J., Strategic manipulation and regular decomposition of fuzzy preference relations, (accepted) IEEE Conference on Engineering Management, IEMC-Europe, Estroil, Portugal, June 28-30, 2008
 8. Ben Abdelaziz F., Meddeb O., Instable interaction in multiple criteria decision making problem, CORS/Optimization Days 2008 joint conference, Laval University, Quebec City, May 12-14, 2008.
 9. Ben Abdelaziz F., Masmoudi M., Supply Chain Management for Hospital, ISSCM2008, American University of Sharjah, UAE, April 25-27, 2008.
 10. Ben Abdelaziz F., Krichen S., Dridi O, Resource-Constrained Project-Scheduling Problem: A Multi-Objective Model with Contingency, IPMU 08 Conference, Hammamet, Tunisia, 2007.
 11. Ben Abdelaziz F. El Fayedh R. and Rao A., (2007) Discrete Stochastic Goal Programming for Portfolio Selection the case of UAE Equity Market, MAPS2, Second International Workshop on Multi-Attribute Portfolio Selection, May 7-9 Montréal, Canada.
 12. Invited plenary session on Stochastic Multiobjective Optimization (2006), the 7th Conference on Multiobjective programming and Goal Programming, MOPGP06, June 12-14 Tours France.
 13. Aouni B., Ben Abdelaziz F. El Fayedh R., (2005) Stochastic Goal Programming for Portfolio Selection, MAPS, First International Workshop on Multi-Attribute Portfolio Selection, March 13-15, Helsinki/Stockholm.
 14. Karoui S., El Kadhi N. Ben Abdelaziz F.(2005), Third Best Project Award, A new Bluetooth authentication scheme based on game-theoretic framework, ICICT'05 International Conference on Information & Communication Technology ICICT'05, Poster show session, 4-6 December, Cairo, Egypt.

15. Karoui S., El Kadhi N. Ben Abdelaziz F. (2004), Watermed: A watermarking method for medical digital images, 3rd International Conference on Computer Science, Software Engineering, Information Technology, e-business and Applications CSITeA'04, 27-29 December, Cairo, Egypt.
16. Ben Abdelaziz F., Roucairol C., & Chaari A. (2004), Stochastic Programming for the Stochastic Time Dependent Vehicle Routing Problem, The European Conference on Combinatorial Optimization (ECCO XVII), June 24, Beirut, Lebanon
17. Ben Abdelaziz F. and Meddeb O., Instable interaction in Multiple Criteria decision Making Problems, MOPGP 04, Tunisia 14-16 April 2004
18. Aouni B., Ben Abdelaziz F. and El Fayedh R., Chance Constrained Compromise programming for Portfolio selection, MOPGP 04, Tunisia 14-16 April 2004
19. Ben Abdelaziz F. and Masri H. (2003), Decision in an ambiguous Probabilistic environment, The 2003 UAE Mathematics Day, University of Sharjah, May 8, UAE
20. Ben Abdelaziz F. and Masri H. (2003), A fuzzy stochastic approach for fuzzy stochastic programs, International Symposium on Computational Intelligence, May 19-23, Tunisia
21. Ben Abdelaziz F., Krichen S. (2002), A negotiated approach for stopping the selection process by two decision makers, Workshop on Optimal Stopping and Stochastic Games, Mathematical Research and Conference Centre, Bedlewo, 1-7 July 2002, Poland.
22. Ben Abdelaziz F. and Masri H. (2002), Multistage Stochastic Programming with Partial Information on Probabilities, International Conference on Stochastic Programming (SP'01), August 2001, Berlin, Germany
23. Ben Abdelaziz F. and Masri H. (2002), Stochastic Programming with Partial Information on Probabilities, APMOD Conference, June, 17-19, Verona, Italy
24. Ben Abdelaziz F., Masri H. (2001), Stochastic Programming with Partial Information on Probabilities, SCRO-JOPT, May 2001, Quebec City, Canada
25. Ben Abdelaziz F., Martel J. M., Enneifer L. (2001), A Fuzzy/Stochastic Multiobjective Method for a negotiated Solution for the Echkeul Lake, FRANCORO 2001, May 2001, Quebec City, Canada
26. Ben Abdelaziz F., Krichen S. (2001), An Interactive Method for Multivariate Optimal Stopping Problem, FRANCORO 2001, May 2001, Quebec City, Canada
27. Ben Abdelaziz F., Krichen S. (2001), Optimal Stopping Problem with Multiple Decision Makers, Tunisian-Japanese Days on Informatics, Tsukuba University, October 2001 Japan
28. Ben Abdelaziz F., Dia M. and Yoser G. (2000), Fuzzy Measure of Competitiveness, Plenary session, ACIDCA 2000, April 2000, Monastir, Tunisia

29. Ben Abdelaziz F., Elj H. and Talbi Gh. (1999), "A Parallel heuristic for Multiobjective Knapsack Problems" DO99, Rutcor, Rutgers University, July 1999, New Jersey
30. Ben Abdelaziz F., Krichen S. (1998), "An Interactive Tabu Search heuristic for Multiobjective Knapsack Problems, Third Multiobjective Programming and Goal Programming Conference (MOPGP 98), June 1998, Quebec city, Canada
31. Ben Abdelaziz F. (1998), "Decision and Optimization", Plenary Session, Second Francophone Conference of Operations Research, April 1998, Sousse, Tunisia
32. Ben Abdelaziz F. (1996), "Dominance and Efficiency in Multiple Objective Stochastic Programming" Second Conference on Multiobjective Programming and Goal Programming, May 1996, Malaga, Spain
33. Ben Abdelaziz F., Lang P., Nadeau R. (1995), "Dominance and Efficiency in Multiple Criteria Decision Making, XIIth Conference on Multiple Criteria Decision Making, June 1995, Hagen, Germany
34. Ben Abdelaziz F., Lang P., Nadeau R. (1995), "Evaluation of interactive Multiobjective Stochastic Programming Methods, First Francophone Conference of Operations Research, June 1995, Mons, Belgium
35. Ben Abdelaziz F. (1994), "Decision and Stochastic Programming, First Maghrebian Meeting on Applied Mathematics, November 1994, Bizerte, Tunisia
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45. Lang P., Ben Abdelaziz F., Nadeau R. (1992), Efficiency in Stochastic Multiobjective Linear Programming: Alternative Definitions and their implications, Optimization Days of Montreal, June 1992, Montreal, Canada

Member of International Conference Program Committee:

- Member of the committee of ICMSAO'13 an International Conference on Modeling, Simulation and Applied Optimization, organized at Hammamet, Tunisia, April 28-30 2013.
- Member of the International steering committee of the Conference on Multidimensional Finance and Investment
- Member of the committee of ECSQARU 07 an International Conference on Theory and Practice of Reasoning under Uncertainty, organized at Hammamet, Tunisia, October 2007.
- Member of the Steering Committee of the 7th Conference on Multiobjective Programming and Goal Programming, MOPGP06, June 12-14 Tours France.
- Permanent Member of MOSIM – Conférence Francophone de Modélisation et Simulation-
- International Conference on Multicriteria Decision Making: Theory and Application in Technology, Business and Economics 2001, May 27-30, Cairo, Egypt
- International Symposium on Computational Intelligence and Intelligent Informatics 2003 (ISDIII'03), May 19-23, Nabeul, Tunisia
- IEEE International Conference on Systems, Man, and Cybernetics (SMC'02), Oct 6-9, Hammamet, Tunisia

Review of Articles for Academic Journals:

- Operations Research

- European Journal of Operational Research
- Journal of Operational Research Society
- Fuzzy Sets and Systems
- Arab Journal of Administrative Sciences
- Socio-Economic and Planning Sciences
- Journal of Heuristics
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Research Funds:

- Ben Abdelaziz F. (2009), Optimization of bed capacity in UAE hospitals, Grant 21,000 DHS, American University of Sharjah.
- Ben Abdelaziz F. (2006), A Stochastic Three-Stage R&D Game with Absorptive Capacity, URB Seed Grant 6,000 USD, the American University of Beirut.
- Ben Abdelaziz F. and Khaled (2006), Research fund from the Ministry of Higher Education for the LARODEC Research Center: 80,000 Tunisian Dinars (60,000 USD)
- Ben Abdelaziz F., Subvention from the Ministry of Higher Education for the LARODEC Research Center: 200,000 Tunisian Dinars (2001-2005) = 160 000 USD.
- Ben Abdelaziz F., Subvention from the Ministry of Higher Education: 50,000 Tunisian Dinars (1996-2001).
- Ben Abdelaziz F., Pomerol J. Ch. (University of Paris 6), "Fuzzy Decision making" PICS Project (Collaboration between French and Tunisian Governments): 30,000 Tunisian Dinars (1999-2002).
- Ben Abdelaziz F., Barkaoui K. (Cnam, Paris), Ait Kadhi (Laval University, Canada), Water resource Management: the case of the North of Tunisia, AUPELF: 25,000 Candian Dollars (1998- 1999).
- Mellouli K., Ben Abdealziz F., Raggad B. (Pace University, USA), A DSS for the Tunisian Employment Policy, Prime Ministry: 40,000 Tunisian Dinars (1995-1998).
- Mellouli K., Ben Abdealziz F., Essid S., Decision in Uncertain Environment, CMCU Project (Collaboration between French and Tunisian Governments): 30,000 Tunisian Dinars (1994-1997).

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Supervising Graduate Students:

➤ **Ph. D. Thesis**

- Masmoudi M. Recourse –Chance programming for Portfolio Selection, under progress
- Limam O. Data fusion with coalition formation, under progress
- Alaya H., Multiobjective Stochastic methods for Routing Problems, under progress
- Mejri S. (2013) Bi-level Models in SCM.
- El Fayedh R. April 2011 (Co-supervised with Professor B. Aouni, Laurentian University, Ontario), Portfolio Selection and Fuzzy Goal programming
- Ben Brahim M. July 2010, (Co-supervised with Pr. Georges Zaccour, HEC Montréal, Canada), Stochastic Two-Stage R&D Games
- Meddeb O. (2009) (Co-supervised with Pr. J. de Fuiguiera, IST, Portugal), Manipulation of Fuzzy Visiting Rules
- Masri H. (April 2003), Uncertain Optimization, (Assistant Professor at the University of Nizwa, Oman)
- Enneifer L. (2003) (co-supervised with Professor J. M. Martel Laval University, Canada), A GDSS to manage the Ichkeul Lake (Assistant Professor at the University of Tunis)
- Krichen S. (2002), The Multivariate Optimal Stopping Problem (Associate Professor at the University of Tunis)
- Dhia M. (2000), (co-supervised with Professor Y. Gadhoun UQAM Canada), A Decision Support System for the Evaluation of the Competitiveness of Economic Sectors in Tunisia (Assistant professor at Laurentian University Canada)

➤ **More than 50 Master and Project thesis , among them:**

- Alaya H., (2011) Stochastic Airport Bus Routing Problem
- Samer A, (2011) Optimisation of telecommunication channels
- Hajjem L. (2006): “Ant System for Multiobjective TSP”

Dellagi (2003), ‘‘Modeling TRIPS Effect on R&D Strategies’’ (Price of the development co-operation, 2003)

Ben Brahim M (2002), ‘‘Co-petition in R&D Models’’

Mejri S. (1997) "Water Resources Management: A Multiobjective Stochastic Programming Approach"

Ayoub Z. (1995) "Application of Stochastic Dominance to Portfolio Selection: The Tunisian Case"

Msellmi A. (1994) "Algorithms for Group Decision Making: Application to the Municipality council"

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