

Curriculum Vitae (Amin Hocine)



Amin Hocine, M.A.

17/01/1991

Faculty of Economics and Management

Tlemcen, Algeria.

Tel: +213 561322241

e-mail: aminhocine@outlook.com

Amine Hocine received both his Master and bachelor's degrees in Quantitative Techniques for Aiding Decision Making from Faculty of Economics and Management, University of Tlemcen, Algeria. His master's thesis was entitled: "Fuzzy Multi Criteria Decision Making". His research is focused on economic modelling, renewable energy and sustainability, decision science and uncertainty modelling. He presented several papers at international journals and conferences.

Academic education and training

2013 - 2015

University of Tlemcen, M.A.

Degree: Quantitative Techniques for Aiding Decision making

2010 - 2013

University of Tlemcen, B.A.

Degree: Quantitative Techniques for Aiding Decision making

Language skills

- Arabic: Native language
- English: 2015 - 2018

University of Continuous Formation

Diploma: DEUA in English Technique

- French: good

Computer skills

- MATLAB (Computer programming language): good
- LINGO (Optimization software): excellent
- Website developer (Wordpress)

Professional affiliations and services

- **Ad-hoc Reviewer**

Journal of Applied Research on Industrial Engineering.

Optimization: A Journal of Mathematical Programming and Operations Research.

Publications

- **Refereed Journals**

Zhuang Z-Y and **Hocine A.** (2018). Meta goal programming approach for solving multi-criteria de Novo programming problem. *European Journal of Operational Research*, 265: 228–238.

Hocine A, Kouaissah N, Bettahar S, Benbouziane M. (2018). Optimizing renewable energy portfolios under uncertainty: A multi-segment fuzzy goal programming approach. *Renewable Energy*, 129: 540-552.

Hocine A, Kouaissah N. (2019). XOR Analytic Hierarchy Process and Its Application in the Renewable Energy Sector. *Omega: International Journal of Management Science*, doi:org/10.1016/j.omega.2019.06.008

- **Manuscripts in preparation/submitted for review**

Kouaissah N., **Hocine A.** (submitted). Optimizing Sustainable and Renewable Energy Portfolios using a Hybrid Fuzzy Interval Goal Programming Approach. *Energy Systems*.

Hocine A, Zhuang, Z-Y, Li, D-C, Kouaissah N. (under review). Weighted-additive Fuzzy Multi-choice Goal Programming (WA-FMCGP) for Decisions with Highly Imprecise Goals. *European Journal of Operational Research*.

Hocine A, Kouaissah N. (working paper). XOR Multi-Attribute Utility Theory.

- **Conference Presentations**

Hocine A, Belmokaddem M, Mouslim H. (2015). A Fuzzy Goal Programming with Multi Tolerances. The 11th international conference of multi objective programming and goal programming (MOPGP). Tlemcen, Algeria.

Hocine A, Bettahar S, Benmaamar A. (2016). Decision risk analysis through fuzzy multi-segment programming. The 2016 international conference on decision aid science and application. Hammamet, Tunisia.

Hocine A, Bettahar S, Benmaamar A. (2016). A Hybrid Uncertainty Multi Objective Decision-Making Method: Stochastic Multi Choice Goal Programming. The 2016 international conference on decision aid science and application. Hammamet, Tunisia.

Hocine A, Bettahar S, Benmaamar A. (2017). A Fuzzy Multi Criteria Decision Making Approach for Selecting Renewable Energy Sources in Algeria. The 16th conference of MEEA. Ankara, Turkey.

Hocine A, Bettahar S, (2017). Multiobjective Transportation Problem in Stochastic Enviremental: The Case of Naftal. Workshop on Emprical Ecommmics, Finance and Engineering Management (EEFEM), Tlemcen, Algeria.

August 2019

In faith
Amin Hocine