



Wiley Online Library

Journal of Multi-Criteria Decision Analysis

Call for Papers Special Issue on

Industrial and Manufacturing Engineering: Theory and Application using AHP/ANP

Editors:

Prof. Luis Vargas; University of Pittsburgh, USA

Prof. Fabio De Felice – University of Cassino and Southern Lazio, Italy

Dr. Antonella Petrillo – University of Naples “Parthenope”, Italy

The capacity of a company to innovate and create new products and processes plays a dominant and decisive role in the company’s ability to achieve global economic competitiveness. In this context decision making is fundamental to furthering specific goals of optimization. It is important to make good decision at the right time and the right choice. Deciding too quickly can be hazardous; delaying too long can mean missed opportunities. In the end, it is crucial to use a systematic and comprehensive approach to decision making. The Analytic Hierarchy Process (AHP) and its generalization, Analytic Network Process (ANP), are simple, yet powerful decision-making tools for planning, structuring priorities, weighing alternatives, allocating resources, analyzing policy impacts & resolving conflicts. These methods are particularly effective for group decision making scenarios, and therefore have been used around the world in a wide variety of decision situations including industrial, manufacturing Engineering and decision making. The AHP and ANP helps managers and decision makers find a compromising and satisfactory solution that best suits the stakeholders. The AHP and ANP provide a comprehensive and rational framework for structuring a decision problem, for representing and quantifying the evaluation criteria, for relating those evaluation criteria to overall goals, and for evaluating alternative solutions.

The purpose of this special issue is to collect a high-quality selection of contemporary research articles on the topic of “*Industrial and Manufacturing Engineering*”. We are particularly interested in publishing articles on applications of AHP/ANP in industrial, manufacturing engineering and decision making that also make theoretical contributions.

Subject Coverage

- Supply Chain Management
- Project management
- Marketing decisions
- Purchasing and supply chain
- Human resources management
- Operations management
- Total Quality Management
- Environmental application & sustainability
- Balanced Scorecard
- Performance Evaluation
- Simulation
- Safety
- Disaster Management
- Risk Management
- Logistics
- Maintenance
- Lean Management

Important dates

Submission deadline: December 31, 2016

First notification (acceptance/revise/reject): 1 March, 2017

Revised manuscript due (first round review): 1 April, 2017

Second notification (acceptance/revise/reject): 1 May, 2017

Notes for Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper has been completely re-written and if appropriate written permissions have been obtained from any copyright holders of the original paper).

All papers are refereed through a peer review process.

All papers must be submitted online through the submission system

<https://mc.manuscriptcentral.com/mcda>

To submit a paper, please read our Author Guidelines page:

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1099-1360/homepage/ForAuthors.html](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-1360/homepage/ForAuthors.html)

For any question regarding this special issue, please contact the Guest Editor: Prof. Fabio De Felice (defelice@unicas.it)