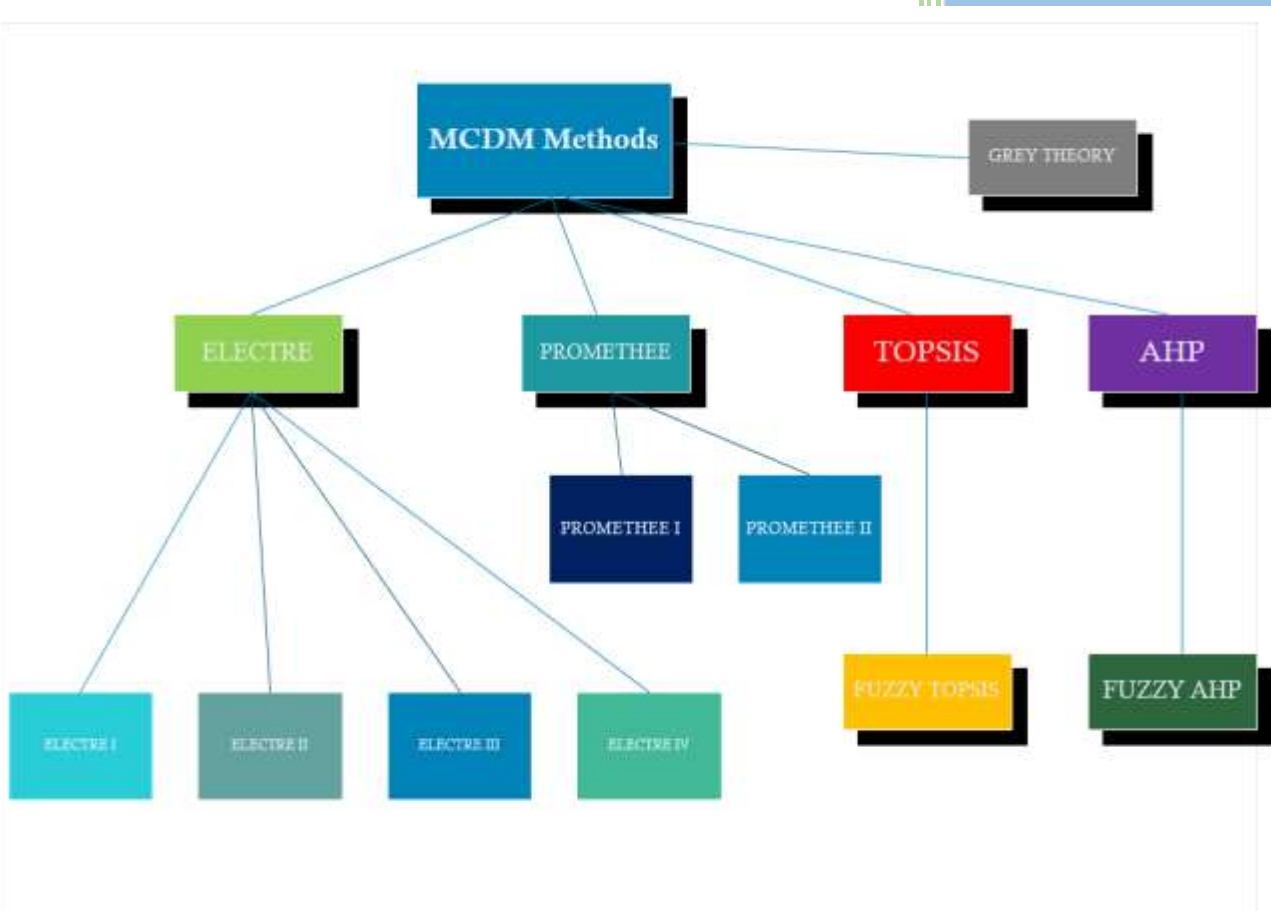


January  
2021

# Workshop: AHP / Multi Criteria Methods Decision Making

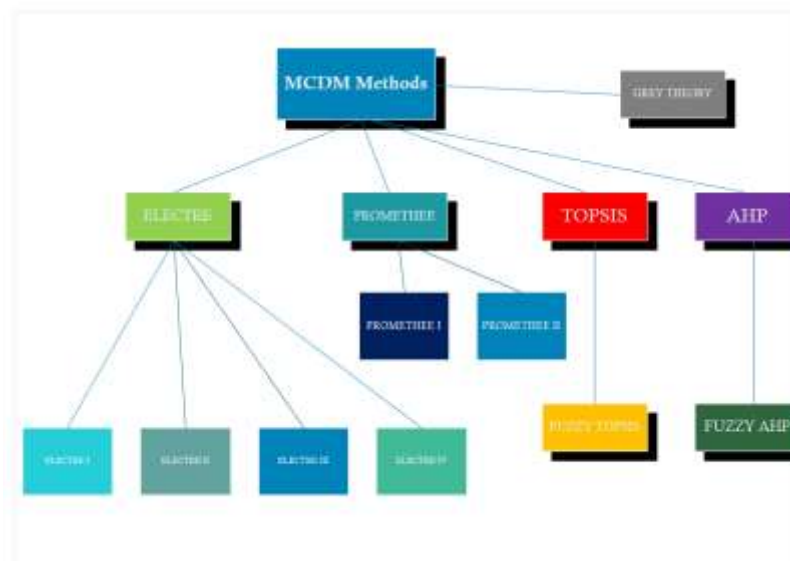


Instructor: Manuel Dalas  
Falcon Professionals

## Work Shop: AHP / Multi Criteria Methods Decision Making Workshop

**Workshop dates: January 2020 (3-5 days), detailed dates to be announced.**

**Analytical Hierarchy Process (AHP)** methodology is a powerful scientific multi-criteria analysis tool that assists decision makers to focus efficiently and decide successfully among various alternatives. Not only does it provides an effective analytical and calculative instrument that leads to effective selections- solutions and evaluations, but at the same time it offers the reporting of key information, to scientifically support higher management in its critical decisions.



AHP and other MCDM tools and techniques are not be used exclusively by scientists and discussed only in scientific congresses. This workshop will provide a fresh view and ways to simplify these valuable tools for the average decision maker, in every job position that requires selective and official decision making and respective evaluation.

Examples of such professional areas, that typically can use MCDMs are: Procurement and Materials Management, Energy, Environmental and Sustainability Management, Supply Chain Management, Quality Management, GIS, Construction and Project Management, Safety and Risk Management, Manufacturing Systems, Information Technology Management, Operation Research and Soft Computing, Strategic Management, Knowledge Management, Production Management.

### Falcon Consulting Professionals

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## Program Objectives

By the end of this workshop, among various achievements, participants will get specialist insight into:

- Understand deeper the philosophy and use of Multicriteria Analysis Methods MCDM.
- Become acquainted with AHP and Fuzzy AHP and other MCDM Methods like TOPSIS and Fuzzy TOPSIS, PROMETHEE and ELECTRE.
- Learning how to practice almost exclusively AHP and fuzzy AHP on real study cases.
- Becoming Specialists into using AHP tools for their duty related decisions and design their decision reporting and proposals to the top management.

## Who should attend?

This program provides an efficient and practical way of deciding successfully among alternatives (or their evaluation) for those who are involved in the official decision making, either themselves directly or as professionals supporting their management. This includes Engineers of all disciplines, operators and team managers, HSE consultants, project and risk management practitioners, HR professionals, Financial Professionals and others.

## Program Outline (3-5 days)

- **Decision Making Definition and Theory. Selective Decision Making.**
- **Multi-criteria Analysis, Modelling and tools**
- **TOPSIS and Fuzzy TOPSIS, PROMETHEE and ELECTRE methods, features and applications.**
- **AHP and Fuzzy AHP. How to use them effectively from your office.**
- **Case Studies: Decision making - real problems from the markets. We will focus in solving typical decision problems such as: Contractor selection, KPIs selection, Equipment evaluation, Project selection, Leader evaluation and others.**



**AHP and MCDM tools, workshop material softcopies will be provided to the participants during this workshop.**

**Throughout this workshop, all cases, will be analyzed through the use of specialized charting software and Ms Excel.**

**Participants are welcomed to propose their own cases for analysis.**

**At the end of the workshop, participants will receive an ISO 29990/2010 accredited certificate of appearance.**

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**TRAINER/INSTRUCTOR:**

**Mr Emmanouel Amygdalas (aka Manuel Dalas)**

**<https://www.linkedin.com/in/emmanouil-amygdalas-meng-msc-pmp®-ilm-30873153>**

**Falcon Consulting Professionals are** established in Greece for the last 15 years in the areas of technical consulting and professional training for the local industries. **Falcon** is expanding in GCC, aiming to provide the best consulting and training solutions to the industries of the region. **Falcon's instructors are accredited trainers and highly experienced in their fields, as well as adult training.** We aspire to build our business relationships on mutual trust. The achievement of results with an emphasis on innovation and sustainability, quality, cost analysis and time scheduling are non-negotiable from the conceptual phase of the training sessions to their successful closure.

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