

CONFERENCE PROGRAM – DAY OVERVIEW

Thursday, April 4, 2024

University of West Attica Conference Center, Athens Campus

196 Alexandras Avenue Postal Code 11521, Athens

20 min of Presentation + 10 min of Q/A

11:30 – 12:45 Registration/Coffee

12:45 – 13:00 **Opening session – welcome address**

Session 1	Memorial session in honour of Dr. Evangelos Grigoroudis	<i>Chair: Yannis Siskos</i>
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13:00 – 13:30 *A Memorial Tribute to Professor Vangelis Grigoroudis: Biographical sketch, Review of Scientific Contributions, and impact in EWG-MCDA community*
Yannis Siskos, Nikolaos Matsatstinis

13:30 – 14:00 *Spatial multi-store benchmarking analysis based on customer preferences*
Anastasia Saridou, Athanasios Vavatsikos, Vangelis Grigoroudis

Session 2	MCDA in healthcare (Round Table)	<i>Chair: Elpida Pavi, Kostas Athanasakis</i>
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14:00 – 16:00

Title: "MCDA: implementation experience and potential in decision-making in healthcare"

*Panel Coordinator: **Professor Elpida Pavi**, Dean of the School of Public Health, University of West Attica*

Panel presentations & Speakers:

MCDA in health: review and implementation framework

Kostas Athanasakis (Assistant Professor, Laboratory for Health Technology Assessment, University of West Attica)

Criteria and "value framework" in the evaluation of complex health technologies

Ioannis Agorastos (Research Associate, Laboratory for Health Technology Assessment, University of West Attica)

MCDA in Health Technology Assessment-HTA process: current status

Yorgos Goletsis (Associate Professor, University of Ioannina, Dept. of Economics, Laboratory of Business Economics and Decisions), **Garoufalia Naka**

MCDA as input in health policy decision-making: the international framework

Aris Angelis (Secretary-General for Strategic Planning at Greek Ministry of Health)

16:00 – 16:30 Coffee break

Session 3	MCDA and Sustainable Development	<i>Chair: Athanasios Spyridakos</i>
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16:30 – 17:00 *Multicriteria social impact assessment of AI-based learning platforms*
Andrzej M.J. Skulimowski

17:00 – 17:30 *A multicriteria framework to assess social benefits in the reuse of public buildings*
Alessandra Oppio, Marta Bottero, Danny Casprini, Giulio Cavana, Federico Dell'Anna

17:30 – 18:00 *Using MCDA to better close the policy cycle*
Marion LE LOUARN

Papers submitted to discussion

A multicriteria framework for evaluating the sustainability performance of local governments: Application to French municipalities

Michael Doumpos, Alexis Guyot, Emiliios Galariotis, Constantin Zopounidis

Navigating ESG complexity: An in-depth analysis of sustainability criteria, frameworks, and impact assessment

Marianna Eskantar, Constantin Zopounidis, Michalis Doumpos, Emiliios Galariotis

Generated criteria use in a Decision Support System in Decisions regarding Circular Economy

Lykourgos Lalis, Nikos Tsotsolas

Strategic Benchmarking for Sustainable Energy Efficiency Investments: Methodology and Evaluation Framework

Charikleia Karakosta, Jason Papathanasiou

Combination of SCOR model with multi-criteria approaches for supply chain performance evaluation in the Agri-food sector

George Sidiropoulos, Vasileios Zeimpekis, Nikos Tsotsolas

Applications Extended Hellwig's Method in Evaluating Sustainable Development in the Education Area

Ewa Roszkowska, Marzena Filipowicz-Chomko

20:30 – 23:30 Banquet

Restaurant "To Kapodistriako" in "Kostis Palamas" building
Akadimias 48 & Sina str, Athens, 10562

CONFERENCE PROGRAM – DAY OVERVIEW

Friday, April 5, 2024

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196 Alexandras Avenue Postal Code 11521, Athens
20 min of Presentation + 10 min of Q/A

Session 4	Applications I	Chair: Isaak Vryzidis
09:00 – 09:30	<i>Analyzing Influential Factors in Cause-Related Marketing</i> Konstantina Zacharaki, Jennifer Nguyen, Mònica Casabayó, Núria Agell	
09:30 – 10:00	<i>Triggering investments on energy storage solutions through an MCDA-based decision-making tool</i> Apostolos Arsenopoulos, Georgios P. Trachanas, Theodoros Tsalidis, Filippos Serepas, Ourania Markaki, Dimitris Askounis	
10:00 – 10:30	<i>Evaluation of agrosylvicultural systems in southwestern France, using ELECTRE TRI-nC and ELECTRE III methods for decision support</i> Odile Phelpin, Francis Macary	
10:30 – 11:00	<i>AI and Cost sensitivity simulators for Healthcare. Disease economic modeling and training in Machine Learning</i> Christine C Huttin	

Papers submitted to discussion

Freight Logistics Hub Allocation using Analytical Hierarchy Process
Theodore Tsekeris, Georgia Skintzi

Development of an Intelligent Multi-Criteria Recommendation System for New Product Design/Improvement during its Life Cycle
Nikolaos Matsatsinis, Fotinti Kalafataki

Sufficiency conditions in an optimization problem with interval-valued objective function
Najeeb Abdulaleem

A Multi-Criteria Decision Aid approach for the evaluation of seismic retrofitting alternatives in existing buildings
Alexandra Katsiada, Isaak Vryzidis, Constantinos Repapis

11:00 - 12:00 Ceremony organized by University of West Attica (Honorary Ceremony)

12:00 – 12:30 Coffee break

Session 5	Theory and Methodology I	Chair: Constantin Zopounidis
12:30 – 13:00	<i>From Cognitive Maps to Value Trees</i> Alexis Tsoukiàs, Berkay H. Tosunlu	
13:00 – 13:30	<i>A Holistic Approach for Determining the Most Critical Criteria in MCDA</i> Evangelos Triantaphyllou and Juri Yanase	
13:30 – 14:00	<i>On the theoretical bridging of MCDA & Wald theory</i> Dimitris Thomakos, Panos Xidonas	

Papers submitted to discussion

Equality Group Decision-Making Processes
Maria Barbati, Sajid Siraj

Modifying Hellwig's Method for Multi-Criteria Decision-Making with Mahalanobis Distance for Addressing Asymmetrical Relationships
Ewa Roszkowska

Random Preference Model
Moha Ghaderi, Miłosz Kadziński

14:00 -15:00 Lunch

15:00 – 15:30 **Regular Session: Life of the Group**

Chair: Roman
Słowiński

Session 6 **Theory and Methodology II**

Chair: José Rui
Figueira

15:30 – 16:00 *A Bibliometric Exploration of Multiple Criteria Decision Aid (MCDA) and Clustering - Towards a Conceptual Taxonomy*
Pavlos Delias

16:00 – 16:30 *Deep aggregation of incomplete rankings in Multiple Criteria Group Decision Making*
Grzegorz Miebs, Adam Mielniczuk, Miłosz Kadziński

Papers submitted to discussion

Optimizing Wildfire Response: A Mathematical Programming Framework for Fire Suppression
José Rui Figueira, Bibiana Granda-Chico, Begoña Vitoriano

Multicriteria Modeling of Emotional Decisions in Art Market with PROMETHEE
Elżbieta Kubińska, Paweł Witkowski

Selection of a representative sorting model in a preference disaggregation setting: A review of existing procedures, new proposals, and experimental comparisons
Miłosz Kadziński, Michał Wójcik, Krzysztof Ciomek

Representation of preferences for multicriteria decision aiding in seven-valued logic
Salvatore Greco, Roman Słowiński

A multicriteria Group Decision Making framework for the evaluation of the sustainability and resilience of the long-term Swiss energy pathways
Eleftherios Siskos, He Huang, Peter Burgherr

16:30 – 17:00 Coffee break

Session 7 **Applications II**

Chair: Nikos
Tsotsolas

17:00 – 17:30 *Enhancing Sustainability in Mediterranean Cropping Systems via Group Decision Analysis*
Eleni Androulidaki, Stelios Rozakis

17:30 – 18:00 *An outranking decision-making framework for customer satisfaction benchmarking analysis in GIS environment*
Anastasia S. Saridou, Athanasios P. Vavatsikos

18:00 – 18:30 *An application of MCDA procedure to the location of radioactive waste deposit according to Legislative Decree*
Vincenzo Piscopo, Antonino Scarelli

Papers submitted to discussion

Management of extremely satisfied or unsatisfied service recipients with the multi-criteria MUSA method: The case of postgraduate program graduates
Athanasios Spyridakos, Yiannis Psaromiligkos

Information Systems Strategy initiative in SMEs: Evaluating success using SEM Neural Network Analysis
Maria Kamariotou, Fotis Kitsios

Evaluation of critical success factors for public construction projects: Towards a Multi-Criteria Decision Aid framework
Zisis Papastamatis, Isaak Vryzidis

CONFERENCE PROGRAM – DAY OVERVIEW
Saturday, April 6, 2024

09:00 – 10:00	Closing session: Conference Wrap-Up and Important Take - Aways	<i>Chair: Isaak Vryzidis</i>
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10:00 – 13:00 **Guided tour in Acropolis & Plaka Neighborhood**

A walking guided tour of the picturesque parts of the old town of Athens (Plaka, Monastiraki, and Anafiotika) and the Acropolis of Athens (Parthenon, Erechtheion, Nike Temple, Dionysus Theater).

The tour lasts 3 hours and costs 30 euros for adults 25 years old and over (to be paid on Thursday at the conference). There is a discount for citizens of EU countries and non-EU countries under 25 years old. Please ask us on Thursday at the conference.

The cost includes the local licensed guide and the entrance fee to the Acropolis archaeological site.

Gathering point: Station “Acropolis” of Athens Metro Line 2 (Red Line) – Exit to “Makrigianni” street at 09:45.
