International Society on Multiple Criteria Decision Making

E-News • 2025 • Issue 1 (January)

Contents

Front: Middle East Technical University, Turkey © Ece Demirer

Letter from the President

Dear Members of the Society,

At the start of the new year, I would like to wish you a Happy New Year!

Let me share with you some updates on our recent activities.

In September we held elections for the Society's Executive Committee (EC) vacant officers. I would like to thank Salvatore for managing the whole process. I want to thank the 529 members of the society who voted and expressed their preferences for the candidate. The results of our recent elections were the following:

- President-elected (2024-2028): Serpil Sayın, Koç University, Turkey. She will join now the EC and then be president for 2028-2032,
- MCDM Vice-president for Finance (2024-2028): Birsen Karpak, Distinguished Professor Emeritus. Youngstown State University, USA.

Elected MCDM EC members (in alphabetical order):

- Carlos Coello Coello, CINVESTAV-IPN, Department of Computer Science, Mexico
- Andrea Raith, University of Auckland, New Zealand
- Francisco Ruiz, University of Málaga, Spain
- Johannes Siebert, Department of Business and Management, Management Center Innsbruck, Innsbruck, Austria.

I extend my congratulations to the EC members and express gratitude to all candidates for their willingness to serve our Society. I would like to acknowledge Michael Doumpos and Caroline Mota, past members of the EC, for their service to the Society as EC members.

To foster collaboration, we have established contacts with several Operational Research (OR) societies worldwide to build bridges with other research communities. These interactions aim to create bridges between communities and invite members of these societies with interests in Multiple Criteria Decision Making (MCDM) to join us. Expanding our network will enrich our activities and broaden the perspectives within our Society.

Our LinkedIn page has been updated and is now a much more active platform for sharing news, research highlights, and opportunities. I encourage you to follow us, engage with posts, and share updates within your networks to increase our visibility and outreach.

A key focus for this year is the development of a modernized webpage for the Society. The new site aims to enhance user experience, provide streamlined access to resources, and serve as a hub for our community.

I would like to call again your attention to the next two most important events of our Society.

- The upcoming 15th Summer School organized by the MCDM Society and the EWG-MCDA group with the support of EURO will take place in Catania from late July 2026 to early August, with specific dates to be announced soon.
- The 28th International Conference of our Society will be organized in Morocco-Marrakech, in May 2026. MCDM2026 is an opportunity to raise local and regional interest in MCDM models and techniques. It is a unique opportunity to get together with researchers and practitioners working in MCDM. A promising social program is also proposed by the organizers.

Stay tuned and follow us on LinkedIn at the following link: https://www.linkedin.com/groups/8471476/

As we look ahead, I am confident that our collective efforts will continue to strengthen the Society and advance the field of MCDM. I encourage each of you to actively participate in our initiatives, share your ideas, and help us grow.

Thank you for your continued support!

Warm regards,

José Rui Figueira

President of the MCDM Society

1 Society News

1.1 EURO PhD Summer School on MCDA/MCDM

The 16th International MCDA/M Summer School is going to take place in Catania/Italy, tentatively, between the end of July and the beginning of August, 2026.

PhD summer schools on MCDA/M have been jointly organized by the International Society on MCDM and EURO Working Group on Multicriteria Decision Aiding (EWG-MCDA) regularly since 1983, when the first edition was organized just in Catania by Benedetto Matarazzo and Jaap Spronk. The summer school brings together around 50 PhD students from all over the world and leading scholars of MCDA/M at a venue where all participants live, work, and socialize together for a two-week period. This event has been very successful in educating future generations of MCDA/M scholars and facilitating networking among participants.

The aim of this school is to give doctoral students/young researchers a state-of-the-art presentation of multiple criteria methods, applications, and software. Moreover, the school seeks to stimulate a network of young researchers in MCDA/M. The scientific program of the summer school consists of invited lectures and working groups for discussion of case studies. The host institution will be the University of Catania.

Catania lies at the base of Mount Etna, Europe's highest and most active volcano, making its geographical position unique and dynamic. The city faces the Ionian Sea, offering scenic coastal views and access to maritime activities. It enjoys a Mediterranean climate, with hot, dry summers and mild, wet winters, making it a year-round destination. The fertile plains surrounding Catania are a result of ancient lava flows from Mount Etna, which also provides a dramatic backdrop to the city.

As a historic city, Catania reflects a mix of Greek, Roman, Norman, and Baroque influences, evident in its architecture, art, and cuisine. Food lovers are drawn to Catania for its authentic Sicilian dishes, including pasta alla norma, arancini, and fresh seafood. The lively La Pescheria fish market is a must-visit for a taste of local life.

Catania can be easily reached by airplane. The airport of Catania is well connected by several daily flights from the airports of Roma or Milano and many other Italian airports. There are also direct flights from/to some major European cities (London, Paris, Bruxelles, Munich, Madrid, Barcelona, Zurich, etc.).

The website of the PhD summer school together with more information about the program of the school, submission and acceptance dates as well as fees will be come soon.

Salvatore Corrente and Salvatore Greco

1.2 28th International Conference on Multiple Criteria Decision Making (MCDM 2026) in Marrakech, Morocco, May 2026

It's with great pleasure to inform you that the MCDM 2026 will be organized in Marrakech, Morocco at the beginning of May 2026.

The MCDM 2026 is an opportunity to raise local and regional interest in MCDM models and techniques. We are expecting to receive abstracts on all aspects of MCDM including theoretical developments and practical applications.

We promise those who will join us in MCDM 2026, an interesting program with several social activities, i.e., tours and sightseeing visits. Participants from developing countries will receive support to join us as we hope to make it a very exciting research experience for all participants.

On behalf of MCDM 2026, I wish to welcome you in Marrakech very soon.

Venue of the conference

The conference will be held in Marrakech, Morocco. Marrakech is amongst the top 5 world tourist cities, a destination that simply cannot be ignored! Located in the south of Morocco, this imperial city, called "the pearl of the south," is particularly appreciated for its unique architecture, steeped in history, as well as its unique atmosphere!

Even more surprising than ever, the ochre city continues to arouse the curiosity of travellers from all over the world. It is no longer a surprise to see the city establish itself as one of the best destinations in the world.



At once historical, modern, and fascinating, Marrakech is like no other city in the world. It is a safe city that receives more than four million tourists per year and 100,000 foreigners residents. Marrakech has a well connected airport and can be reached by many direct flights from most important European, American, and Asian cities.

	Name	**Affiliation**	**Email**
Conference chair	El-Ghazali Talbi	University of Lille	el-ghazali.talbi@univ-lille.fr
Program chair	José Rui Figueira	University of Lisboa, Portugal	figueira@tecnico.ulisboa.pt
Organizing Committee Chair	Prof. Amir Nakib	University of Paris Est, France	Amir.nakib@u-pec.fr

Best Regards,

El-Ghazali Talbi

1.3 Results of Society Elections

Between September 23rd and September 27th, elections were held to renew the Executive Committee of our Society. For the first time, the voting process was conducted via the EU Survey platform, with 529 members participating. Each member could select up to four preferences from the eight candidates. Here are the results:

- **Serpil Sayın** (Koç University, Turkey) has been elected as the President-elect for the 2024-2028 term. She will now join the Executive Committee and subsequently serve as President of the MCDM Society for 2028-2032.

- **Birsen Karpak** (Distinguished Professor Emeritus, Youngstown State University, USA) has been reappointed as the MCDM Vice-president for Finance for 2024-2028.

Based on the voting results, **Carlos Coello Coello, Andrea Raith, Francisco Ruiz, and Johannes Siebert** ranked in the top four and have been elected to serve on the Executive Committee for the next four years. Congratulations to Carlos, Andrea, Francisco, and Johannes on this significant accomplishment! Short bios for each of them are included below, and we are confident they will make valuable contributions to the Society as members of the Executive Committee.

The complete voting results are provided below. All candidates received significant support and were highly regarded by our members. We extend our sincere thanks to **Kalyanmoy Deb, Michalis Doumpos, Janusz Miroforidis,** and **Giovanni Misitano** for their willingness to serve on the Executive Committee. We are certain they will continue to contribute to our Society and field in other capacities.

Finally, we wish to express our gratitude to Michalis Doumpos and Caroline Mota for their invaluable contributions to our Society during the past four years as members of the Executive Committee.

The complete composition of the MCDM Executive Committee can be found on the MCDM website via the following link (https://www.mcdmsociety.org/2025/01/12/executive-committee/).

Best regards,

Salvatore Corrente

- **Results of the MCDM Executive Committee Renewal, 2024**

Carlos Coello Coello (CINVESTAV-IPN, Department of Computer Science, Mexico) - ***211***
Kalyanmoy Deb (Department of Electrical and Computer Engineering, Michigan State University, USA) - ***207***
Michalis Doumpos (Technical University of Creete, Greece) - ***209***
Janusz Miroforidis (Systems Research Institute, Polish Academy of Sciences, Warsaw, Poland) - ***154***
Giovanni Misitano (University of Jyväskylä, Finland) - ***181***
Andrea Raith (University of Auckland, New Zealand) - ***257***
Francisco Ruiz (University of Malaga) - ***289***
Johannes Siebert (Department of Business and Management, Management Center Innsbruck, Innsbruck, Austria) - ***225***
No answer - ***28***

- **Carlos Coello Coello**

CINVESTAV-IPN, Department of Computer Science, Mexico

I am a Professor with Distinction at the Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional (CINVESTAV-IPN), in Mexico City, México. My main research interests focus on the design of new multi-objective optimization algorithms based on bio-inspired metaheuristics (e.g., evolutionary algorithms), which is an area in which I have made pioneering contributions. My current interests include: indicator-based selection mechanisms and the use of genetic programming to design scalarizing functions and operators for multi-objective evolutionary algorithms. I am a founding member of the Mexican Society of Operations Research and of the Mexican Academy of Computing, and I am a member of the Mexican Academy of Science and of the Mexican Presidential Scientific Advisory Board. I have been a member of the Executive Boards of the ACM Special Interest Group on Evolutionary Computation (SIGEVO) and of the International Society on Multiple Criteria Decision Making.

I am highly interested in bridging the gap between the computer science (also known as evolutionary multi-objective) community and the Operations Research Community, as well as in strengthening the interest in multi-objective optimization in Latin America.

More information about me is available at: http://delta.cs.cinvestav.mx/~ccoello

- **Francisco Ruiz**

University of Málaga, Spain

I am a Full Professor of Quantitative Methods for Economy and Business at the University of Málaga, where I have been a member of the Department of Applied Economics (Mathematics) since 1989. My research activities are focused on multi-objective programming methodologies, mainly in interactive methods. I have participated in the development of different interactive procedures, among which the non-trading-off family NAUTILUS can be pointed out. Presently, I am working on the assessment of interactive methods to find out how they perform with respect to certain desirable properties. I have also worked in the applications of MCDM methods in various fields. Recently, I have participated in the development of the MRP-WSCI methodology to build composite indicators. This methodology has been successfully applied in a wide variety of fields, including sustainability assessment, university performance, quality of life, economic freedom, ease of doing business or childhood wellbeing. I have co-authored nearly 100 publications (including papers in professional journals, proceedings of conferences, and book chapters), and I have stayed as a visiting researcher at the University of Georgia (USA), the University of Manchester (UK), and the University of Jyväskylä (Finland).

I have been the Secretary of the International Society on Multiple Criteria Decision Making (between 2008 and 2015) and one of the coordinators of the Spanish Group on Multiple Criteria Decision Making (between 2015 and 2018). Spain is the fourth country, in terms of number of members, of the International Society on MCDM. Besides, the Spanish scientific societies have natural links to other Spanish speaking countries around the world.

For further information, please visit my webpage:
https://webpersonal.uma.es/~rua/english/home.html

- **Andrea Raith**

University of Auckland, New Zealand

I am a Senior Lecturer at the University of Auckland where I have been a member of the Department of Engineering Science since 2009. My research spans from various applications in transport, health-care and task scheduling, to more theoretical work, particularly on algorithms for various multi-objective optimisation problems. My research interests include multi-objective shortest path and network flow problems and algorithms for transport problems such as

equilibrium problems arising in traffic assignment. One focus in the past was algorithms for multi-objective robust optimisation problems, and I currently work on the integration of multi-objective optimisation methods and problem decomposition approaches. Another interest is optimisation problems in the context of transport and transport modelling, especially sustainable transport options, energy efficiency, electric vehicles, public transportation and active transport modes.

Living and working in New Zealand, I am well placed to represent the interests of the MCDM community in the Asia-Pacific region, while having strong connections to other researchers in our community world-wide. I am also long-term council member of the Operations Research Society of New Zealand, and currently Vice-president.

- **Johannes Siebert**

Department of Business and Management, Management Center Innsbruck, Innsbruck, Austria

I am a full professor of Decision Sciences and Behavioral Economics at MCI | THE ENTREPRENEURIAL SCHOOL® in Innsbruck, Austria. Previously, I held a position at the University of Bayreuth. I completed my PhD in Multiple Criteria Decision Making (MCDM) in 2009 and my habilitation in Behavioral Operations Research and Decision Analysis in 2015, under the mentorship of Ralph Keeney, with external evaluation by Roman Slowiński and Detlof von Winterfeldt.

With over 12 years of dedicated service, I recently stepped down as the head of the newsletter editorial team for the International Society on MCDM and from its executive committee. My roles have included serving as secretary and board member for the INFORMS Section on MCDM. I have contributed to the field through publications in leading journals such as Operations Research and the European Journal of Operational Research. Additionally, I have co-edited two special issues on MCDA Practice in the Journal of MCDA with Theo Stewart and have been recognized as a finalist for the Decision Analysis Society (INFORMS) Practice Award three times.

I met my wife, Jana, at the MCDM conference in Hamburg in 2015. Due to our two young daughters, we have missed recent conferences, but we look forward to reconnecting with colleagues soon.

For more information, please visit my website: https://johannessiebert.com/

1.4 Salvatore Greco Awarded Honorary Doctorate by Poznań University of Technology

On October 15, 2023, Salvatore Greco was conferred the honorary doctorate (Doctor Honoris Causa) by the Poznań University of Technology in Poland. This prestigious title recognizes Professor Greco's groundbreaking contributions to the field of decision support systems, particularly his influential work in developing artificial intelligence methods.

The honorary degree was presented by Professor Teofil Jesionowski, Rector of the Poznań University of Technology, following a comprehensive introduction of Professor Greco's scientific achievements by Professor Roman Słowiński. The ceremony marked a celebration of Greco's extensive research and its profound impact on the academic and practical domains of decision support and multicriteria decision-making.

As part of the event, Professor Greco delivered an engaging lecture that outlined the principles of decision support systems, bridging classical philosophical reflections with modern advancements in the field. He began by drawing on the insights of Herodotus and Aristotle, connecting them to the pioneering ideas of Herbert Simon, widely regarded as the father of artificial intelligence. Greco further traced the historical evolution of operations research, highlighting contributions from figures such as Archimedes, Leonardo da Vinci, and Galileo Galilei, and honoring Bernard Roy as a foundational figure in modern decision-making theory.

In his address, Professor Greco emphasized the importance and relevance of decision support methods, with a particular focus on multicriteria approaches. He illustrated how these methods address complex real-world problems, underscoring their value in navigating the multifaceted challenges of contemporary society.

The ceremony was enriched by remarks from distinguished academics, including Professor Benedetto Matarazzo, Emeritus of the University of Catania; Professor Janusz Kacprzyk; and Professor Miłosz Kadzinski. Their speeches further highlighted the significance of Professor Greco's work and its global impact.

The event was attended by rectors and representatives from universities across Poland, who lauded Professor Greco's lecture and extended their congratulations. The conferment of this honorary doctorate not only acknowledges Professor Greco's exceptional contributions to the academic community but also solidifies the strong collaboration between Poznań University of Technology and international researchers in the field of decision support systems.

Professor Greco's achievements continue to inspire scholars and practitioners, affirming the vital role of multicriteria decision-making and artificial intelligence in addressing today's complex problems. His recognition by Poznań University of Technology underscores his standing as a leading figure in these critical areas of research.

1.5 INFORMS Section on MCDM: The MCDM Junior Researcher Best Paper Award 2024

It is our great pleasure to announce the finalists and winner of the INFORMS Section on MCDM: The MCDM Junior Researcher Best Paper Award 2024.

After a thorough evaluation of the impressive submissions, our panel selected three finalists, who were invited to present their papers at the 2024 INFORMS Annual Meeting in Seattle. The recipient of this year's award was revealed at the Business Meeting.

Finalists:

[1] Dilay Aktaş Dejaegere (KU Leuven Institute for Mobility)
Paper Title: *Cluster ensemble selection and consensus clustering: A multi-objective optimization approach*

[2] Grzegorz Miebs (Poznań University of Technology)
Paper Title: *An active preference learning approach to aid the selection of validators in blockchain environments*

[3] Pubudu L. W. Jayasekara (University of Tennessee at Chattanooga) and **Andrew C. Pangia** (University of North Carolina Charlotte)
Paper Title: *On solving parametric multi-objective quadratic programs with parameters in general locations*

Winner:

Dilay Aktaş Dejaegere (KU Leuven Institute for Mobility)
Paper Title: *Cluster ensemble selection and consensus clustering: A multi-objective optimization approach*

We congratulate all the finalists for their remarkable achievements and extend a special congratulations to Dilay Aktaş Dejaegere for earning this prestigious recognition.

Thank you to all who participated and supported this year's awards.

Best regards,

Salvatore Greco

salgreco@unict.it
Chair of the Judging Committee

2 Upcoming Events, Call for Papers, and Other News

2.1 CfP: MCDM Junior Researcher Best Paper Award (INFORMS 2025)

The INFORMS Section on MCDM invites nominations for its 2025 MCDM Junior Researcher Best Paper Award, recognizing exceptional papers in the field of MCDM, authored by a junior researcher or a team of junior researchers. All members of the MCDM Section of INFORMS are eligible to nominate candidates for this prestigious award.

If you have come across an inspiring paper published within the last three years by a junior researcher, we encourage you to consider nominating them for this award. Details on the nomination process and criteria are available on the website below:
https://connect.informs.org/multiple-criteria-decision-making/awards/new-item2

Nomination: Candidates for the Award shall be nominated by a member of the MCDM Section of INFORMS. Self-nominations or nominations by a coauthor of the paper are not allowed. In a given year, each candidate can be nominated for only one paper. The same paper can be nominated multiple times unless it has been selected as a finalist paper in a previous year. Another paper by an author or coauthor of a finalist paper may be nominated for the Award in a subsequent year. An individual can nominate more than one paper.

Application process: The nominations for the Award shall be submitted by email to the Chair of the Judging Committee **by March 1, 2025**. The nomination package (1 PDF file) shall include the following documents:
1. A nomination letter (maximum 2 pages) that contains information on the nominating individual (name, affiliation, email address, and his/her relationship with the nominee); a statement affirming that the nominating individual is a member of the MCDM Section of INFORMS; the bibliographic reference of the nominated article; and an explicit description of how the nominated paper meets the evaluation criteria. If the nominee is not the single author of the article, the letter shall include a statement affirming that the candidate is the leading coauthor with an indication of the source of this information.
2. The nominated article, published electronically in a peer-reviewed journal within the period between the 1st of January 2022 and the 1st of January 2025.
3. Each nominee's CV (maximum 3 pages) with a statement that the nominee is a member of the MCDM Section.
4. Proof of each nominee's PhD degree or equivalent degree with the date of earning the degree that must be within seven years from the 1st of January 2025.

Judging criteria: (1) Novelty in theoretical, methodological, or applied research in the area of MCDM; (2) Relevance to real-life applications; (3) Potential impact of the obtained results on society.

Best regards,

Salvatore Greco

Chair of the Judging Committee

2.2 Call for Abstracts: EURO 2025

The 34th European Conference on Operational Research (EURO 2025) will take place in Leeds, United Kingdom, from June 22 to June 25, 2025, marking the 50th Anniversary of the Association of European Operational Research Societies (EURO). The conference will feature distinguished speakers, plenary and keynote talks, and special roundtable sessions focused on EURO Forums. Researchers, academics, practitioners, and students involved in Operational Research and related fields are invited to submit their abstracts and contribute to this landmark event.

PLENARY Speakers:

- Ulrike Leopold-Wildburger (University of Graz, Austria)
- David Simchi-Levi (MIT, US)
- Kalyan Talluri (Imperial College London, UK)

KEYNOTE Speakers:

- Francisco Aragón Artacho (University of Alicante, Spain)
- Eitan Bachmat (Ben-Gurion University, Israel)
- Agostino Capponi (Columbia University, US)
- Álvaro Cartea (University of Oxford, UK)
- Murat Köksalan (University of Michigan, US)
- Francesca Maggioni (University of Bergamo, Italy)
- Kaisa Miettinen (University of Jyväskylä, Finland)
- Sanja Petrovic (University of Nottingham, UK)
- Leonidas Sakalauskas (Vilnius University, Lithuania)
- Oliver Sinnen (University of Auckland, New Zealand)
- Thomas Spengler (Technische Universität Braunschweig, Germany)
- Joanna Sułkowska (Warsaw University, Poland)

Submission Guidelines:

- Deadline: Abstracts must be submitted by **8th March 2025, at 23:59 GMT**.
- Format: Abstracts should not exceed 1500 characters.
- Restrictions: Each participant can submit only one research abstract for evaluation.
- The same abstract cannot be submitted by different delegates.
- Submission: Abstracts should be submitted using the following link; https://www.euro-online.org/conf/euro34/

Additional Information:

- Accepted abstracts will be organized into regular sessions of 3-4 abstracts, or invited sessions, or contributed sessions.
- For further details regarding the conference, including registration and accommodation, please visit the official EURO 2025 Conference website (https://euro2025leeds.uk/) or reach out to the conference organizers.

2.3 Call for the "Bernard Roy Award 2025" of the EURO Working Group on Multiple Criteria Decision Aiding (Bernard Roy Award 2025 of EWG MCDA)

Policy:

The Bernard Roy Award of EWG MCDA (https://www.cs.put.poznan.pl/ewgmcda/) is a recognition conferred to a researcher under 40 years old for an outstanding contribution to the methodology and/or applications of Multiple Criteria Decision Aiding (MCDA).

The award will be officially bestowed at the opening session of the EWG MCDA Autumn meeting (in 2024 organized in Catania) if there is a suitable candidate. In this case, following a presentation of the competition by the chair of the Jury, the laureate will be invited to give a talk.

Awards:

The laureate then will receive the financial award (1000 EUR) and the diploma.

Eligibility:

The Bernard Roy Award of EWG MCDA shall be awarded for a body of work in MCDA, preferably published over the last decade. Although recent work will not be excluded, care shall be taken to allow the contribution to stand the test of time.

The potential award recipient shall have a recognized stature in the MCDA community. Significance, innovation, depth, and scientific excellence shall be emphasized.

Nominations:

Candidates can be nominated by any three members of the EWG MCDA. Becoming a member is free (Please, send an email to Milosz Kadziński, milosz.kadzinski@cs.put.poznan.pl).

A candidature for the Bernard Roy Award of EWG MCDA is composed of the nomination letter along with a recent and detailed CV, up to 5 best publications, as well as a self-description of the achievements up to 3 page long in a standard manuscript format. The nominations must be sent to the Jury chair by the due date of May 20, 2025.

Selection process:

-Only one award may be assigned on each occasion.
-One person may receive the award at most once in her/his lifetime.
-The jury evaluates the nominees essentially on the basis of their scientific activities (papers in top journals, editorials, relevance of methodological proposals, and/or applications, ...).

Jury:

The jury for the current edition is composed of: Salvatore Greco (chair), Constantin Zopounidis, Yves DeSmet, Sarah Ben Amor, and Francis Macary.

Timing:

- Deadline for nominations: **May 20, 2025.**
- The Jury chair informs the EWG coordinators who invite the laureate to the meeting: July 31, 2025.
- Preparation of the diploma by the EWG coordinators.
- Presentation of the laureate and her/his talk during the EWG MCDA 100th EWG MCDA meeting, September 2025, Poznań University of Technology, Poznań, Poland. An electronic copy of the laureate's presentation handed over to the EWG coordinators will be made available on the EWG on MCDA website.

Applications should be sent to Salvatore Greco at: salgreco@unict.it.

Previous BR Award Winners:

2024: Mohammad Ghaderi, Pompeu Fabra University, Spain

2023: Eleftherios Siskos, Technical University of Crete, Greece

2022: Banu Lokman, University of Portsmouth, UK

2021: Matteo Brunelli, University of Trento, Italy

2020: Salvatore Corrente, University of Catania, Italy

2019: Miłosz Kadziński, Poznań University of Technology, Poland

2.4 Special Issue: Multiple Criteria Decision-Making

This is a special issue of the Engineering Management Journal to commemorate the 50th anniversary of the Multiple Criteria Decision-Making Society and the 27th International Conference on Multiple Criteria Decision Making (MCDM 2024). This special issue aims to showcase the latest developments and applications of Multiple Criteria Decision Making (MCDM) in the field of Engineering Management.

This special issue will host a selection of the best papers presented at the MCDM 2024 Conference but is also open to submissions from other researchers working in the field.

MCDM has demonstrated to be a successful tool to model complex decision-making problems involving competing and conflicting multiple criteria. It has gained significant attention from both researchers and practitioners across various disciplines including Engineering Management. The MCDM conferences have been instrumental in fostering collaboration and knowledge exchange in this field.

We invite researchers and practitioners from all over the world to contribute original research papers related to MCDM and Engineering Management to this special issue. Submitted articles should have a clear contribution to the theory and practice of Engineering Management. Topics of interest include, but are not limited to:

- Developments of MCDM methodologies and techniques
- Applications of MCDM in Engineering Management domains (e.g., Operations Management, Risk Management, Supply Chain Management, Sustainability, etc)
- MCDM and Decision Support Systems
- Decision Analysis and MCDM
- Uncertainty in MCDM
- Artificial Intelligence and Machine Learning in MCDM

The deadline for submissions is **February 28, 2025**. Authors should submit their papers online at https://rp.tandfonline.com/submission/create. Authors should select "Yes" when asked if they are submitting their paper for a specific special issue or article collection and select "Multiple Criteria Decision Making in Engineering Management: Theory and Applications (MCDM 2024)" from the drop down menu. For any query, please contact the Guest Editor.

The Guest Editor of this Special Issue is:

Prof. Davide La Torre (davide.latorre@skema.edu)

Detailed information is available at the following URL:
https://think.taylorandfrancis.com/special_issues/50-years-of-multiple-criteria-decision-making-society/

2.5 Special Issue: Multiple Criteria Decision Making for Sustainable Development Goals

The 2030 Agenda for Sustainable Development and the list of the 17 sustainable development goals (SDGs) was approved by all United Nations Member States in 2015. The main goals include future scenarios with no poverty, zero hunger, good health, quality education, sustainable cities, responsible consumption, and many other crucial targets for peace and prosperity for people and the planet.

Multiple Criteria Decision Making (MCDM) has demonstrated to be a successful tool to model complex decision-making problems involving competing and conflicting multiple criteria. It has gained significant attention from both researchers and practitioners across various disciplines. The MCDM conferences have been instrumental in fostering collaboration and knowledge exchange in this field.

We are pleased to announce a special issue of the International Transactions in Operational Research (ITOR) to commemorate the 50th anniversary of the Multiple Criteria Decision-Making Society and the 27th International Conference on Multiple Criteria Decision Making (MCDM 2024) dedicated to the latest developments and applications of MCDM to the SDGs.

This special issue will host a selection of the best-refereed papers presented at the MCDM 2024 conference. However, it is also open to submissions from the entire MCDM community working in the field.

Therefore, we invite researchers and practitioners from all over the world to contribute original research papers to this special issue. Topics of interest include, but are not limited to:

- Developments of MCDM methodologies and techniques
- Applications of MCDM to SDGs
- Decision support systems for SDGs
- Uncertainty in MCDM for SDGs
- Artificial intelligence and machine learning in MCDM

The deadline for submissions is **February 28, 2025**.

Each paper will be peer-reviewed according to the editorial policy of ITOR, published by the International Federation of Operational Research Societies. Papers should be original, unpublished, and not currently under consideration for publication elsewhere. Contributions should be prepared according to the guidelines and instructions to authors that can be found on the journal homepage. Authors should upload their contributions using the submission site at https://mc.manuscriptcentral.com/itor, indicating in their cover letter that the paper is intended for this special issue. Other inquiries should be sent directly to Davide La Torre (davide.latorre@skema.edu).

Detailed information is available at the following URL:
https://onlinelibrary.wiley.com/doi/full/10.1111/itor.13498

2.6 Special Issue: MCMD in Energy

We are delighted to announce a special issue of Energy Economics commemorating the 50th anniversary of the Multiple Criteria Decision-Making Society and the 27th International Conference on Multiple Criteria Decision Making (MCDM 2024). This special edition aims to highlight the latest advancements and practical applications of Multiple Criteria Decision Making (MCDM) within the energy sector.

The special issue will feature a selection of top-tier papers presented at the MCDM 2024 Conference, while also welcoming submissions from other scholars engaged in related research areas.

MCDM has proven to be a valuable tool for modelling complex decision-making scenarios involving diverse and conflicting criteria. It has garnered significant attention from researchers and practitioners across various fields, including Energy Economics. The MCDM conferences have played a pivotal role in nurturing collaboration and knowledge dissemination within this domain.

We cordially invite researchers and practitioners from around the globe to contribute original research papers focusing on MCDM in the context of energy to this special issue. Submitted articles should offer novel insights into the theory and application of MCDM in the energy sector. Potential topics of interest encompass, but are not limited to:

- Advancements in MCDM methodologies and techniques
- Applications of MCDM in energy economics
- MCDM and energy resource allocation
- MCDM in energy policy and planning
- MCDM and decision support systems
- Decision analysis and MCDM
- Handling uncertainty in MCDM
- Energy efficiency and conservation using MCDM techniques
- MCDM and renewable energy integration
- MCDM and sustainable energy development
- Integration of artificial intelligence and machine learning in MCDM

Authors should submit their paper by **30th June 2025** via the Journal's online submission site: https://www2.cloud.editorialmanager.com/eneeco/ selecting the article type "VSI: MCMD in Energy". Papers will be subject to a strict review process managed by the Guest Editors, and accepted papers will be published online individually before print publication.

The Guest Editors of this Special Issue are:
Prof. Davide La Torre, SKEMA Business School, Université Côte d'Azur, France
Prof. Francesco Appio, Paris School of Business, France
Prof. Michail Doumpos, Technical University of Crete, Greece

Detailed information is available at the following URL:
https://www.sciencedirect.com/journal/energy-economics/about/call-for-papers#mcmd-in-energy

2.7 Special Issue: Algorithms and Methods

This special issue addresses the growing research interest in the application for algorithms and advanced optimization techniques in the broad area of Decision Aid and Management Sciences. This includes particularly recent models and techniques related to Multiple Criteria Decision Making through modern mathematical tools from variational analysis and combinatorics as well as computer assisted solution strategies and their analysis.

The deadline for submissions is **March 31, 2025**. When submitting their manuscript, authors must answer the question "Is the manuscript a candidate for a special issue?", please tick "yes" and select "MCDM2024" from the list.

It is also highly recommended to detail your submission's connection to this special issue in the cover letter of your submission.

The Guest Editors of this Special Issue are:

Davide La Torre, *SKEMA Business School, France*, (davide.latorre@skema.edu)
Fouad Ben Abdelaziz, *NEOMA Business School, France*, (fouad.ben.abdelaziz@neoma-bs.fr)
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Detailed information is available at the following URL:
https://think.taylorandfrancis.com/special_issues/mcdm-2024

2.8 Special Issue: Multi-objective Programming

Multi-objective optimization has become an indispensable tool in many application areas. Since handling multiple objective functions adds a further layer of difficulty to an optimization problem, compact problem formulations, theoretical analyses, and efficient solution algorithms are of particular importance to solve multi-objective optimization problems arising in realworld applications.

This special issue will focus on recent advances in multi-objective programming.

We invite high-quality submissions addressing theoretical and algorithmic developments, and advancing the theory and methodology of multi-objective optimization. Subject areas of this special issue include (but are not limited to):

- scalarization methods and objective space algorithms
- decision space algorithms
- approximation and representation algorithms for multi-objective optimization
- multi-objective branch-and-bound and branch-and-cut algorithms
- column generation and branch-and-price algorithms
- multi-objective discrete and combinatorial problems
- multi-objective continuous linear or non-linear problems
- multi-objective mixed integer (non-)linear problems
- stochastic and robust multi-objective optimization
- complexity analysis for multi-objective optimization algorithms
- parallelization of exact multi-objective optimization algorithms
- multi-objective optimization with general dominance cones

Authors should follow the journal Guidelines for Authors and submit their high-quality manuscript by **30 September 2025** via the Wiley online system, selecting the appropriate Special Issue option (https://submission.wiley.com/journal/MCDA).

Submitted manuscripts must not have been published previously, nor be under consideration for publication elsewhere. The results included in the manuscripts shall be reproducible by others. Thus, we strongly encourage authors of algorithmic papers to share their implementations (e.g., via GitHub).

Submitted manuscripts will be subject to a peer-review process according to the journal's standards.

2.9 Special Issue: Behavioural Issues in Multicriteria Decision Aiding

Complex decisions involving consideration of a plurality of points of view, technically called criteria, need to be supported by articulated procedures permitting the Decision Maker (DM) to form their preferences and convictions with a systematic interaction with experts and decision analyst. To ensure the effectiveness and the fairness of the decision support, behavioural aspects of the interaction between DMs, experts and decision analysts, as well as between all the actors involved in the multicriteria decision-aiding process, have to be taken into consideration. These behavioural aspects are related to the decision biases studied in the classical domain of behavioural decision theory. However, they have a specific nature, because the problem here is not how the DMs take their decisions, but, rather, how the different actors of a multicriteria decision-aiding procedure can interact properly with the DMs to acquire an appropriate knowledge of the decision problem and of their preferences.

This special issue solicits a systematic discussion on this aspect of decision-aiding procedures, encouraging contributions related to the behavioural issues of multicriteria decision support and their consideration in multicriteria decision-aiding methods.

Authors should follow the journal Guidelines for Authors and submit their high-quality manuscript by **28 February 2025** via the online system, selecting the appropriate Special Issue option. Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere. The results included in the manuscripts shall be reproducible by others. The submitted manuscripts will be subject to a careful review process.

Instructions for authors can be found at:
https://onlinelibrary.wiley.com/page/journal/10991360/homepage/ForAuthors.html

Important dates:

Submission deadline: 28 February 2025
Notification of first round of review results: 31 May 2025
Submission of revised papers: 31 August 2025
Notification of second round of review results: 31 October 2025
Final decision notifications: 31 December 2025

The Guest Editors of this Special Issue are:

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Raimo Hämäläinen, Aalto University, Finland raimo.hamalainen@aalto.fi

2.10 Invitation to Participate in the Behavioral Operation Research Brown Bag Seminar Series (BORB²S²)

This seminar series was created to foster collaboration, strengthen the BOR community, raise interest in BOR topics, increase the visibility of BOR, and fast deliver new ideas.

The seminars are scheduled for ***40 min***. The generic timetable suggests a brief introduction (5 min), a contribution (20 min), and a discussion (15 min). However, there is flexibility concerning the length of the contributions. In addition, there is an opportunity for those interested in staying in the room to continue discussions.

The seminar takes place during "Brownbag-time for Europeans":

12 PM to 12.40 PM (UK GMT)
1 PM to 1.40 PM (CET, Berlin)

It is scheduled bi-monthly every 2nd Thursday every second month under consideration of other workshops, conferences, etc. The next dates are the following:

February 13th 2025, April 10th 2025, June 12th 2025, October 9th 2025, December 11th 2025

Different types of contributions are possible:

- Conference talks – work in progress,
- Mini-panel discussions with pre-assigned panelists,
- Open discussion with an initial input of one contributor,
- Editors of journals discussing publishing BOR papers,
- Finding collaborators – e.g., Ph.D. students presenting their work and looking for a collaborator they could benefit from.

Please reserve your BORB²S² presentation date! Only an abstract of the talk is needed. Topics can cover any facets of BOR. Self-promotions are highly welcome. You can also suggest other speakers. Send all inquiries to Johannes Siebert (Johannes.Siebert@mci.edu).

- **BORBS XVII: Managing grand challenges**
  February 13th, 2025

Fran Ackermann (John Curtin Distinguished Professor, Innovation, Entrepreneurship, Strategy and International Business Discipline, School of Management and Marketing Curtin Business School, Faculty of Business and Law, Curtin University)

Abstract:

Addressing Grand Challenges (GC), such as navigating climate change or aging societies, is increasingly gaining prominence across the globe. Those researching and addressing such challenges argue that progress requires collaborative, integrated, and coordinated responses from a wide range of stakeholders including organizations, governments, communities, etc. To successfully navigate these challenges, approaches need to be able to engage with stakeholders

in two ways. Firstly, in terms of eliciting a comprehensive understanding of the challenge as viewed through the many stakeholder lenses and thus managing the resultant complexity of that data and secondly through attending to the myriad socio-political considerations. Problem Structuring Methods (PSM) through their focus on managing messy, complex, wicked problems are well situated to assist in this endeavor, particularly when coupled with the growing body of work in the field of Behavioural OR (BOR). This paper illustrates how PSM with BOR can address Grand Challenges by mapping the characteristics together and proposing a framework depicting the potential contribution.

Why should you join?

- Interested in seeking to support decision-makers grappling with super wicked problems (Grand Challenges).
- Interested in potential collaborative working with researchers investigating the use of PSM on super wicked problems.

The zoom link is available on the seminar webpage: https://www.euro-online.org/websites/bor/behavioral-operation-research-brown-bag-seminar-series/

2.11 11th International Workshop on Multiple Criteria Decision Making 2025

Department of Operations Research, University of Economics in Katowice, is organizing, from April 7 to 8, 2025, the 11th International Workshop on Multiple Criteria Decision Making (IWoMCDM). The workshop is devoted to the theory and applications of multiobjective optimization, goal programming, and multiple criteria decision aid, and IWoMCDM presentations discuss various practical problems solved through MCDM methods in economics, construction, ecology, transportation, health care, education, and others.

IWoMCDM has been organized since 2005 and accompanies the domestic conference on "Preference Modeling and Risk". Usually, approximately 100 participants join both events, which gives an opportunity to discuss and solve scientific problems in a circle of professionals or start cooperation and future joint research.

Until 2023, the conference was held in Ustroń, nestled at the foot of the picturesque Silesian Beskids. In 2025, we invite you to Katowice, the capital of the Metropolis GZM. Katowice is an excellent example of a spectacular transformation from an industrial city into a modern cultural, scientific, and business hub; a UNESCO City of Music in 2015, the European City of Science in 2024, and the Polish Capital of Culture in 2027.

Workshop topics cover the whole scope of multiple criteria decision making, both methodological and applications, e.g.:

- multiobjective mathematical program-ming
- multi-attribute utility theory
- MCDA methods
- data envelopment analysis
- interactive methods
- fuzzy approach
- meta-heuristics
- group decision making
- behavioral decision making
- machine learning and artificial intelli-gence models
- other theoretical and application MCDM issues

Important dates:
Registration: 14.02.2025; Abstract submission: 14.02.2025; Presentation approval: 17.02.2025
Conference fee payment: 7.03.2025

Registration is available online on the work-shop's official website:
http://www.iwomcdm.ue.katowice.pl

We warmly invite you to join us in Katowice in April 2025!

Tadeusz Trzaskalik
Tomasz Wachowicz

3 New Books/Publications

This section provides a curated list of recently published books and papers. The list is generated automatically by a script that identifies works indexed in Scopus using the ORCID profiles of MCDM Society members and filters them with relevant MCDM-related keywords. Please note that this list is not exhaustive.

To ensure your recent publications are featured in the next newsletter, kindly send an email including your ORCID or the complete citation of your works to river.huang@psi.ch.

3.1 Journal Papers

Abdel-Basset M., Gamal A., Hezam I.M., Sallam K.M., **Sustainability assessment of optimal location of electric vehicle charge stations: a conceptual framework for green energy into smart cities,** 2024, *Environment, Development and Sustainability,* 26, 11475 - 11513.

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4 Imprints

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We are working on publishing the newsletter of the International Society on Multiple Criteria Decision Making two times a year. Usually, the deadline for the January issue is January 10th and the issue is published by the end of January. The deadline for the September issue is usually August 20th and the issue is published at the beginning of September. Contributions can be sent at any time to the editor (please see the address provided above).