

1. Record Nr.	UNINA9910988287603321
Titolo	Advances in Best–Worst Method : Proceedings of the Fifth International Workshop on Best–Worst Method (BWM2024) // edited by Jafar Rezaei, Matteo Brunelli, Majid Mohammadi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-76766-7
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (X, 197 p. 29 illus., 18 illus. in color.)
Collana	Lecture Notes in Operations Research, , 2731-0418
Disciplina	658.403
Soggetti	Operations research Management science Production management Mathematical optimization Operations Research and Decision Theory Operations Research, Management Science Operations Management Optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Analyzing Swiss Energy Policy through a Fuzzy BWM-PROMETHEE Approach: A Socio-Political Multi-Criteria Decision Analysis -- A synergistic integration between large language models and the Best-Worst Method -- A Decision Support Tool for Stakeholder Engagement in Sustainable Land Management using the WEFE Nexus: A simulation for the Aral Sea Basin stakeholders -- Multi-Criteria Decision Making for Ranking Innovation Levels of G8 Countries with Extended GII: An Integrated Bayesian BWM and TOPSIS Method-ology -- How AI Transforms Barriers to Organic Arable Farming Adoption -- Exploring the Horizon of Industry 5.0: A Multifaceted Socio-Economic Transformation Towards a Sustainable and Inclusive Industrial Evolution -- Geospatial modeling of suitable sites for solar power plants based on GIS and BWM: A case study of the city of Kraljevo, Serbia -- Prioritizing the Product Features for Wearable Airbag Design using the Best-Worst Method -- Bayesian Best-Worst Method Application for

**Sommario/riassunto**

This proceedings book contains selected papers from the Fifth International Workshop on Best-Worst Method (BWM2024), held in Delft, the Netherlands, from 13 to 14 June 2024. It presents recent advancements in theory and applications of the Best-Worst Method. It provides valuable insights on why and how to use BWM in a diverse set of applications including health, energy, supply chain management, and engineering. The book highlights the use of BWM in different settings including single decision-making vs group decision-making, full information vs incomplete and uncertain situations. Academics and practitioners who are involved in multi-criteria decision-making and decision-analysis could benefit from the papers published in this proceeding.