

**Enhancing managerial decision-making through multicriteria modeling /
Remigusz Gawlik. – Cracow, 2019**

Spis treści

INTRODUCTION	5
1. THE PLACE OF DECISION-MAKING IN MANAGEMENT SCIENCE	10
1.1. Methodological framework	10
1.2. Decision-making as a research problem	21
1.3. Scientific approaches to decision-making	28
2. MULTICRITERIA DECISION-MAKING METHODS IN MANAGEMENT SCIENCE	34
2.1. The essence and justification of multicriteria approach to managerial decision-making	34
2.2. Overview of multicriteria decision-making methods in scientific literature	40
2.3. Choice of method for the managerial decision-making processes enhancement	44
3. PRACTICE OF DECISION-MAKING IN ENTERPRISES - MANAGERS' PERSPECTIVE	52
3.1. Quantitative research design	52
3.2. Results of the quantitative research stage	58
3.3. Analysis and interpretation of quantitative research results	69
4. CONSTRUCTION OF MODULAR MULTICRITERIA MANAGERIAL DECISION-MAKING MODEL (MMUMADEMM)	79
4.1. The Analytic Hierarchy Process	79
4.2. Fuzzy expert systems in managerial decision-making	89
4.3. Proposal of a multicriteria model for enhancement of managerial decision-making	103
CONCLUDING REMARKS	131
REFERENCES	136
ACKNOWLEDGMENTS	158