Entrepreneurial Behaviour Series

Decision-Making in International Entrepreneurship

Unveiling Cognitive Implications Towards Entrepreneurial Internationalisation

behaviour models **Attended to behaviour models Attended to**

Vahid Jafari-Sadeghi Hannan Amoozad Mahdiraji

Decision-Making in International Entrepreneurship

ENTREPRENEURIAL BEHAVIOUR

Series Editors: Dr Andrea Caputo, University of Lincoln, UK Dr Massimiliano M. Pellegrini, University of Rome Tor Vergata, Italy

This series is dedicated to communicating innovative and multi-disciplinary new research that advances theory and practice in *Entrepreneurial Behaviour*. The series is focussed on expanding the scope of *Entrepreneurial Behaviour* theory and analysis and enriching practice by encouraging multi-theoretical, multi-cultural, and multi-disciplinary approaches.

Key issues explored in *Entrepreneurial Behaviour* include cognition, decisionmaking, and organisational behaviours, and identifying, creating, and exploiting opportunities concerning new products, services, processes, innovations, or ventures from entrepreneurial perspective.

The primary focus will be on the study of entrepreneurs, small and medium enterprises, and family businesses, with a secondary focus on entrepreneurial and innovative behaviours in other forms of organisations, such as non-profits corporations and public administration.

EDITORIAL ADVISORY BOARD

Andrea Caputo (Editor) University of Lincoln, UK

Massimiliano M. Pellegrini (Editor) University of Rome Tor Vergata, Italy

Afsnahe Bagheri University of Tehran, Iran

Matteo Cristofaro University of Rome Tor Vergata, Italy

Marina Dabic University of Zagreb, Croatia and Nottingham Trent University, UK

Leo-Paul Dana Dalhousie University, Canada

Sally Dibb Coventry University, UK

Mohammad Fakher University of Rome Tor Vergata, Italy

Giulia Flamini University of Rome Tor Vergata, Italy

Laëtitia Gabay-Mariani CERAG – Grenoble-Alpes University, France

Luca Gnan University of Rome Tor Vergata, Italy

Anibal Lopez Nova School of Business and Economics, Portugal Charlott Menke Fraunhofer Center for International Management and Knowledge Economy IMW, Germany

Damiano Petrolo University of Rome Tor Vergata, Italy

Matthias Raith Otto-von-Guericke-Universität Magdeburg, Germany

Marco Romano University of Catania, Italy

Yi Ruan University of Nottingham Ningbo China, China

Sid Hanna Saleh Colorado School of Mines, USA

Anna Souakri ESCP Europe, France

Marzena Starnawska University of Warsaw, Poland

Giuseppe Valenza Mediterranea University of Reggio Calabria, Italy

Cizhi Wang Capital University of Business and Economics, China

Decision-Making in International Entrepreneurship: Unveiling Cognitive Implications Towards Entrepreneurial Internationalisation

EDITED BY

VAHID JAFARI-SADEGHI

Aston University, UK

AND

HANNAN AMOOZAD MAHDIRAJI

University of Leicester, UK



United Kingdom - North America - Japan - India - Malaysia - China

Emerald Publishing Limited Howard House, Wagon Lane, Bingley BD16 1WA, UK

First edition 2023

Editorial matter and selection © 2023 Vahid Jafari-Sadeghi and Hannan Amoozad Mahdiraji. Individual chapters © 2023 The authors. Published under exclusive licence by Emerald Publishing Limited.

Reprints and permissions service

Contact: permissions@emeraldinsight.com

No part of this book may be reproduced, stored in a retrieval system, transmitted in any form or by any means electronic, mechanical, photocopying, recording or otherwise without either the prior written permission of the publisher or a licence permitting restricted copying issued in the UK by The Copyright Licensing Agency and in the USA by The Copyright Clearance Center. Any opinions expressed in the chapters are those of the authors. Whilst Emerald makes every effort to ensure the quality and accuracy of its content, Emerald makes no representation implied or otherwise, as to the chapters' suitability and application and disclaims any warranties, express or implied, to their use.

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

ISBN: 978-1-80382-234-1 (Print) ISBN: 978-1-80382-233-4 (Online) ISBN: 978-1-80382-235-8 (Epub)



ISOQAR certified Management System, awarded to Emerald for adherence to Environmental standard ISO 14001:2004.

INVESTOR IN PEOPLE

Certificate Number 1985 ISO 14001 To my lovely wife, Rosie, with infinite thanks Vahid Jafari-Sadeghi

> To my beloved wife, Mahsa Hannan Amoozad Mahdiraji

Contents

List of Figures and Tables	xiii
About the Editors	xvii
About the Contributors	xix
Book Description	xxvii
Chapter 1 Social Media Usage and Entrepreneurial Opportunity Recognition Among Internationalising SMEs <i>Emmanuel Kusi Appiah</i>	1
Chapter 2 The Perceived 'Double Disadvantage' of Gender and Ethnicity: A Capabilities Perspective of Rapidly Internationalising Female Immigrant Entrepreneurs in the UK Shiv Chaudhry, Dave Crick and James M. Crick	31
Chapter 3 Decision to Start a New Venture: A Cross-national Study of Social Benefit Systems and Fear of Failure Kaveh Moghaddam, Thomas Weber and Amirhossein Maleki	49
Chapter 4 When the Family Travels Abroad. Decision-Making and Practices of International Expansion of a Swiss Family Business in the 19th Century <i>Giuseppe De Luca and Matteo Landoni</i>	65
Chapter 5 Innovative Decision-Making and Ambiguity: Women Entrepreneurs Exploring Internationalisation Opportunities <i>Sundas Hussain, Safiya Mukhtar Alshibani and Amir Daneshvar</i>	81

Chapter 6 Decision-Making in Scaling Up Internationalised Start-ups	
Faezeh Hanifzadeh, Kambiz Talebi and Parisa Rasoulian	101
Chapter 7 Entrepreneurial Decision-Making and the Hunt for the 'Right' Internationalisation Strategy with a State-owned Enterprise	110
Irina Nikolskaja Roddvik, Birgit Leick and Runar Gundersen	119
Chapter 8 Unveiling Factors Propelling Start-ups Towards Entrepreneurial Internationalisation: A Fuzzy Multi-layer Decision-Making Approach Fatemeh Yaftiyan, Marziyeh Rassaf, Mohammadjafar Nikimaleki	
Borchalouei and Hamide Ghahremani	137
Chapter 9 Challenges of Footwear Business Internationalisation in Emerging Economies: A Multilayer Sustainable Decision-Making Approach	
Babak Zamani	167
Chapter 10 International Entrepreneurship Opportunity Recognition and Prioritisation in the Industrial Sector of Kish Free Zone: A Multi-layer Decision-Making Approach Hasan Boudlaie, Mohammad Hosein Kenarroodi, Razieh Sadraei and Vahid Jafari-Sadeghi	195
Chapter 11 Prioritising SMEs Internationalisation Practices Considering Their Various Interrelating Barriers: A Sustainability and Resiliency Approach	
Ali Zamani Babgohari, Danial Esmaelnezhad and Mohammadreza Taghizadeh-Yazdi	217
Chapter 12 Towards the Analysis of Industrial Symbiosis Enablers in Small and Medium Enterprises: A Hesitant Fuzzy Approach	
Seyyed Mohammadreza Ayazi, Ali Zamani Babgohari and Mohammadreza Taghizadeh-Yazdi	243
Chapter 13 Employees Should Care: A Hybrid Study of the Internationalisation Destructive Impacts on SMEs' Human Resources in an Emerging Economy Through	
Multi-layer Decision-Making Model-psychological Solutions AliAsghar Abbassi Kamardi and Sina Sarmadi	267

Chapter 14 Investigating the Sustainable Aspect of Food	
Supply Chain and Its Effect on International Entrepreneurship:	
An Experimental Study in the Free Economic Zone of Mazandaran	
Vida Khaledi, Badrosadat Hashemipour and Sepehr Gheiratmand	293
Chapter 15 Sustainability in the Civil Aviation Industry Supply	
Chain Based on Attracting International Entrepreneurs: A Case	
Study of a Civil Aviation Company in Iran	
Badrosadat Hashemipour and Sayed-Shakoor Shahidi	311
Chapter 16 How Does Owners' Personality Impacts Business	
Internationalisation in Family SMEs?	
Elaheh Heydari, Mojtaba Rezaei, Marco Pironti and	
Federico Chmet	331

List of Figures and Tables

Figures

Fig. 2.1.	Data Structure	38
Fig. 5.1.	Internationalisation Opportunity and Innovative	
	Decision-Making Conceptual Framework	90
Fig. 8.1a.	Power Map of (a) the Pessimistic Scenario and (b) the Most	
	Probable and Optimistic Scenarios	156
Fig. 8.1b.	Level-based Network Relationships of (c) the Pessimistic	
	Scenario and (d) the Most Probable and Optimistic Scenarios	158
Fig. 9.1.	Research Framework	171
Fig. 9.2.	Driver-dependence Power Diagram	183
Fig. 9.3.	Level-based Conceptual Model	185
Fig. 10.1.	Research Network Structure	202
Fig. 10.2.	Preference of Options.	207
Fig. 10.3.	Preference of Options Based on Weight Changes of Existing	
	Criteria	208
Fig. 11.1.	General Framework	224
Fig. 12.1.	General Research Framework	252
Fig. 12.2.	The Hierarchical Network Structure	256
Fig. 13.1.	Research Methodology	277
Fig. 13.2.	Influence Degree of Destructive Impacts	284
Fig. 13.3.	Destructive Impacts' Weights	284
Fig. 14.1.	Classification of Sustainability Factors in the Studied	
	Supply Chain	304
Fig. 14.2.	Conceptual Model of Sustainability of the Studied	
	Supply Chain	305
Fig. 15.1.	Classification of Sustainability Factors in the Studied	
	Supply Chain	323
Fig. 15.2.	Conceptual Model of the Studied Supply Chain	
-	Sustainability	324

Tables

Table 1.1.	Data Collection Process	8
Table 1.2.	Social Media Profile of Case Firms	9
Table 1.3.	Cross-case Analyses	18

Table 3.1.	List of the 32 Countries	56
Table 3.2.	Multilevel Data Analysis Results	57
Table 8.1a.	Literature Overview: The Internationalisation Drivers	141
Table 8.1b.	List of Factors Propelling Firms Towards Internationalisation	145
Table 8.2a.	Fuzzy-ISM Results	153
Table 8.2b.	Fuzzy-DEMATEL Results	157
Table 9.1.	TFNs for Linguistic Terms	172
Table 9.2.	Consistency Index	173
Table 9.3.	The Initial List of Criteria	175
Table 9.4.	Profile of Experts	177
Table 9.5.	Screened Criteria	177
Table 9.6.	Fuzzy Delphi Results	179
Table 9.7.	Pairwise Comparisons	180
Table 9.8.	Weights and Ranks of the Criteria	181
Table 9.9.	Self-interaction Matrix	182
Table 9.10.	Full Reachability Matrix	182
Table 9.11.	Levelling of the 14 Criteria	184
Table 10.1.	Coding of Research Criteria	203
Table 10.2.	Sub-criteria Coding	204
Table 10.3.	The Normal Weight of Pairwise Comparisons of Options	
	Based on Sub-criteria	206
Table 10.4.	Ranking Criteria, Sub-criteria and Research Areas	210
Table 11.1.	SMEs Internationalisation Barriers	222
Table 11.2.	SMEs Internationalisation Practices	223
Table 11.3.	Linguistic Terms and IF Values	225
Table 11.4.	Evaluation Barriers after IF-Delphi Method Screening	233
Table 11.5.	Relation and Weights of the Criteria	233
Table 11.6.	Prioritising Internationalisation Practices Using IF-TOPSIS,	
	IF-ARAS, IF-COPRAS and IF-VIKOR Methods	234
Table 11.7.	The Final Rank of SME's Internationalisation Practices	235
Table 12.1.	IS Enablers	247
Table 12.2.	IS Enablers and Sustainability Dimensions	256
Table 12.3.	Final Result for the HF-ANP	257
Table 12.4.	Final Result for the HF-BWM Method	258
Table 13.1.	Previous Research	271
Table 13.2.	Internationalisation Destructive Impacts on Human	
	Resources	272
Table 13.3.	Linguistic Terms to Evaluate the Availability and	
	Unavailability	277
Table 13.4.	Linguistic Terms to Evaluate the Causal Relation	278
Table 13.5.	IVIHF-Delphi Results	280
Table 13.6.	Aggregated Scored IVIF Influence Matrix	281
Table 13.7.	Total Influential Matrix	282
Table 13.8.	Destructive Impacts' Weights	284
Table 14.1.	List of Primary Sustainability Criteria Obtained from	
	the Literature Review	297

Table 14.2.	Full Relationship Matrix	303
Table 14.3.	Results of the Levelling Factors of Supply Chain	
	Sustainability	305
Table 15.1.	Literature Review	315
Table 15.2.	Full Relationship Matrix	322
Table 15.3.	Results of Levelling the Factors of Supply Chain	
	Sustainability	324
Table 16.1.	Construct Reliability and Convergent Validity	339
Table 16.2.	Discriminant Validity	340
Table 16.3.	Fitness Indices – Factor Analysis	340
Table 16.4.	Results Summary	340

About the Editors

Vahid Jafari-Sadeghi (PhD, SFHEA) is a Lecturer in International Business and is the Programme Director of MSc International Business at Aston Business School. Before joining Aston University, he was a Senior Lecturer in International Entrepreneurship at the Newcastle Business School, Northumbria University, and a Lecturer in Business Strategy at the School of Strategy and Leadership at Coventry University. He is an active researcher in the field of international entrepreneurship, particularly in the area of SME internationalisation. He has published papers in leading international journals such as International Business Review, British Journal of Management, Journal of Business Research, Technological Forecasting and Social Change, Journal of International Entrepreneurship, etc. He is an Associate Editor for the EuroMed Journal of Business, and a member of the editorial board of the International Journal of Entrepreneurship and Small Business, International Journal of Business and Globalisation, and British Food Journal. He has served as the Lead Guest Editor for special issues of the International Journal of Entrepreneurial Behavior & Research, the Journal of Theoretical and Applied Electronic Commerce Research, and the British Food Journal. He has edited various books in Springer and Routledge and performed as track chair and presenter for several international conferences.

Hannan Amoozad Mahdiraji (PhD) is a Lecturer in Strategy and Business Analytics and the Programme Leader of MSc International Business, School of Business, University of Leicester. He previously was a Senior Lecturer in Business and Management at De Montfort University. Before that, he was a Lecturer in Operations and Supply Chain Management at the School of Strategy and Leadership at Coventry University. He graduated with his PhD in Management Science in 2012 from the University of Tehran. His primary interest areas include multiple-criteria decisionmaking methods, game theory, and supply chain management (SCM). Since 2011, he has published 79 research papers in famous international journals, including the British Journal of Management, Journal of Operational Research Society, Technological Forecasting and Social Change, Journal of Business Research, Computers and Industrial Engineering, Expert Systems with Applications, Cleaner Production, Operations Research Letters, etc. He has also participated in and presented articles at prestigious international conferences such as the Academy of Management and the Academy of International Business. Furthermore, he has published one book in Springer, focussing on the applications of management science in international entrepreneurs' decision-making. His h-index is 28, i-10 index is 48, alongside 1,700 citations. He is also the Area Editor of the Operations Management Research Journal.

About the Contributors

Safiya Mukhtar Alshibani is an Assistant Professor at Princess Nourah bint Abdulrahman University. She is the Programme Director of the BSc Business Administration course. She holds an MSc in Strategic Management and Innovation and a PhD in Entrepreneurship from The University of Western Australia. Her research focus is on entrepreneurial well-being, work–life balance, and performance. She has participated in many regional and international conferences. She is a member of The European Council for Small Business and Entrepreneurship and the Institute for Small Business and Entrepreneurship.

Emmanuel Kusi Appiah is a Doctoral Researcher at the University of Vaasa, School of Marketing and Communication, International. He is currently working on a research project focussed on the internationalisation of new ventures in the digital context which is being funded by the Foundation for Economic Education, and the South Ostrobothnia Regional Fund of the Finnish Cultural Foundation. He has presented his papers at top scientific conferences, such as the Hawaii International Conference on System Sciences, EIBA, the Academy of International Business, and McGill International Entrepreneurship. Also, he has previous consulting experience in the area of digital and social media marketing.

Seyyed Mohammadreza Ayazi is a Master's student in Supply Chain Management at the Faculty of Management, University of Tehran. He received his Bachelor's degree in Computer Engineering from the Ferdowsi University of Mashhad in 2020. His research interests include sustainable supply chain management, circular economy, multiple criteria decision making, supply chain management, and simulation and machine learning.

Ali Zamani Babgohari has a PhD in Operations Management at the Faculty of Management, University of Tehran. He received his Bachelor's degree in Industrial Management from the University of Rafsanjan in 2018. He received his Master's degree in Operations Management from the Faculty of Management at the University of Tehran in 2020, respectively. His research areas include operations and supply chain management, sustainable supply chain management, multiple criteria decision making, data envelopment analysis, and mathematical modelling.

xx About the Contributors

Mohammadjafar Nikimaleki Borchalouei holds a Master's degree in Operation and Manufacturing Management from the University of Tehran. He completed BESc in Civil Engineering at Azad University Tehran Central Branch. Besides, he is a Civil Engineer at Sadrab Sanat, a water and wastewater engineering company. He also was a Research Assistant at the Water and Energy Resources Development Company. Moreover, his chief research interests contain sustainable construction management, sustainable civil engineering, multi-criteria decisionmaking approaches, and data envelopment analysis.

Hasan Boudlaie (PhD) is currently a Faculty member and an Assistant Professor at the University of Tehran, Kish International Campus, Department of Management. He received his PhD in Human Resource Management from the Allameh Tabataba'i University in Tehran in 2013. His primary interest area includes HRM, organisational behaviour, and strategic management.

Shiv Chaudhry is a Professor of Marketing and International Business at the Business School, Birmingham City University, UK. His current research interests involve work at the marketing/international entrepreneurship interface and particularly work involving ethnic minorities.

Federico Chmet has got his PhD in Business and Management at the Università Degli Studi di Torino, Italy. He is currently a Postdoctoral Researcher at the Department of Management of the University of Turin. His Doctoral course focusses on citizen participation and public sustainability choices. His doctoral journey also focusses on accounting and finance.

Dave Crick is the Paul Desmarais Professor of International Entrepreneurship and Marketing in the Telfer School of Management at the University of Ottawa, Canada. His current research interests involve work at the Marketing/International Entrepreneurship interface and particularly work that addresses a more effective public/private sector interaction.

James M. Crick is an Associate Professor of Marketing and Entrepreneurship at the School of Business, University of Leicester, UK. His current research interests involve work in entrepreneurial marketing and international strategy, particularly work that addresses competitiveness.

Amir Daneshvar is a Lecturer in International Business at Coventry University. He is the Associate Course Director of BSc International Business Management. His portfolio compromises student experience and he has led several projects within the Business School, School of Strategy and Leadership. Before joining academia, he worked for over 10 years in the industry. This invaluable experience is reflected in his teaching and research. His research focusses on entrepreneurship and entrepreneurial education and his research interests include the transformation of universities towards entrepreneurial universities. **Giuseppe De Luca** is Professor of Economic History at the University of Milan and Honorary Professor at The Bartlett School of Sustainable Construction, University College London. He holds a PhD in Economic and Social History from the University Bocconi, Milan, and he has been Visiting Professor in Spain and USA. He is currently the Principal Investigator of the European Project 'Alpine Research and INnovation Capacity Governance' (1.3 ML Euro grant). Among his publications are *Infrastructure Finance in Europe. Insights into the History of Water, Transport, and Telecommunications*, edited by Youssef Cassis, Giuseppe De Luca, and Massimo Florio, New York, Oxford University Press, 2016; *Conflicts, Financial Innovations, and Economic Trends in the Italian States During the Thirty Years' War*, in *Financial Innovation and Resilience*, edited by Lilia Costabile and Larry Neal, London, Palgrave Macmillan, 2018.

Danial Esmaelnezhad is a Master's student in Industrial Management at the University of Tehran. He received his Bachelor's degree in Industrial Management from Agh Qala Payame Noor University in 2018. His research areas include Agent-based simulation, multiple criteria decision-making, digital marketing, strategic alliances, and marketing.

Hamide Ghahremani holds a Master's degree in Information Technology Management from the University of Tehran and a Bachelor's degree in Industrial Management from the same university. She is a Project Manager and Vice President of Information Technology and Cyberspace at the University of Tehran. Her main research interests include business intelligence and business analysis.

Sepehr Gheiratmand is currently a PhD candidate at the University of Tehran Kish International Campus. He holds his Postgraduate in Industrial Engineering at the Islamic Azad University of Shiraz, and his main interest areas include international entrepreneurship, artificial intelligence, and supply chain management.

Runar Gundersen is Program Manager for the bachelor's program in Innovation and Entrepreneurship at University of South-Eastern Norway. He is specialized in, and have his R&D interests in the field of intellectual property rights, business development, entrepreneurial project management and enterprise strategy.

Faezeh Hanifzadeh has a PhD in Entrepreneurship from the University of Tehran. She completed her Master's degree in Entrepreneurship at the University of Tehran and her Bachelor's degree in Computer Engineering at Azad University – South Tehran Branch. Her academic research has mainly focussed on 'business growth and scale-up' as well as 'business model scalability and related issues'. The outcomes of her work were two ISI articles, a conference paper, and under-review manuscripts. She also translated the book titled *Entrepreneurial Small Businesses* into Farsi.

xxii About the Contributors

Badrosadat Hashemipour is a PhD candidate at the University of Tehran Kish International Campus. She holds her Postgraduate degree in Operations and Manufacturing Management from the University of Tehran. Her main interest areas include multiple-criteria decision-making methods, game theory, international entrepreneurship, and supply chain management.

Elaheh Heydari has received her Master's degree in Management and Bachelor's degree in Accounting. Her background includes finance, executive management experience in healthcare, and advisor in marketing. In addition, she works as a Customer Satisfaction Analyst at the Ministry of Health and Medical Education in Iran. Her main research interests are customer satisfaction, behavioural studies in business, and entrepreneurship.

Sundas Hussain is a Senior Lecturer in Management at Nottingham Business School at Nottingham Trent University. Her PhD examined entrepreneurship support for socially disadvantaged women in collaboration with a Birmingham-based housing association. She also leads a team as a Climate Director with Woodfarm Education Centre, a Scottish registered charity. Since 2015, the centre has successfully delivered several Climate Challenge Fund projects financed by the Scottish government. Grants received range from £100,000 to £250,000 for climate change projects aiming to reduce CO_2 emissions and the carbon footprint of the local community. Her other affiliations include membership of the Gender and Enterprise as well as Entrepreneurship in Minority special interest groups at the Institute for Small Business and Entrepreneurship, and fellowship of the Higher Education Academy.

Vahid Jafari-Sadeghi (PhD, SFHEA) is a Lecturer in International Business and is the Programme Director of MSc International Business at Aston Business School. Before joining Aston University, he was a Senior Lecturer in International Entrepreneurship at the Newcastle Business School, Northumbria University, and Lecturer in Business Strategy at the School of Strategy and Leadership at Coventry University. He is an active researcher in the field of international entrepreneurship, particularly in the area of SME internationalisation. He has published papers in leading international journals such as International Business Review, British Journal of Management, Journal of Business Research, Technological Forecasting and Social Change, Journal of International Entrepreneurship, etc. He is an Associate Editor for the EuroMed Journal of Business, and a member of the editorial board of the International Journal of Entrepreneurship and Small Business, International Journal of Business and Globalisation, and British Food Journal. He has served as the Lead Guest Editor for the special issues of the International Journal of Entrepreneurial Behavior & Research, Journal of Theoretical and Applied Electronic Commerce Research, and British Food Journal. He has edited various books in *Springer* and *Routledge* and performed as track chair and presenter for several international conferences.

AliAsghar Abbassi Kamardi received his BSc in Industrial Management from the Faculty of Management, University of Tehran, Iran, in 2018. Then he received

his MSc in Project Management from the same university in 2021. He is a PhD candidate in Industrial Management focussing on industrial strategy at the above-mentioned university. He has published numerous decision-making and game theory papers and has reviewed several articles. His areas of interest include decision-making and optimisation in supply chains, project management, and control and entrepreneurship.

Mohammad Hosein Kenarroodi graduated with an MBA from the University of Tehran and is currently a PhD candidate in Business and Management at Kish International Campus. His main research interests are in HRM and strategic HRM. All of his research is focussed on the HR field and some of this research has been published in academic journals.

Vida Khaledi is a PhD candidate at the University of Tehran Kish International Campus. She holds her postgraduate in EMBA at the Iran University of Science and Technology. Her main interest areas include multiple-criteria decision-making methods, system dynamics, artificial intelligence, and supply chain management.

Matteo Landoni is a Lecturer in Economic and Social History at the University of Glasgow. Before, he was Visiting Scholar at Rutgers Business School and received a PhD in Business History and Management from the University of Milan. He teaches about the history of globalisation, international economic relations, and international business. His research interests are state capitalism, entrepreneurship, and the space industry. He published two books on the Italian Space Agency and the Italian Space Industry and published articles widely in international journals such as *Industry & Innovation, R&D Management, Structural Change & Economic Dynamics*, and *Technological Forecasting and Social Change.*

Birgit Leick is Professor of Innovation and Entrepreneurship in the School of Business (Department of Business and IT) of University of South-Eastern Norway. Her current research interests are regional entrepreneurship in the Nordic sharing economy, creative entrepreneurship in rural peripheral locations, and leadership in relation to entrepreneurship.

Amirhossein Maleki is an Assistant Professor of Management at Northeastern Illinois University. His primary research interests are International Entrepreneurship, entrepreneurial intentions, and decision-making. He has published his research articles in several respected academic journals including *The Academy of Management Perspectives* and *The International Journal of Entrepreneurship and Innovation.*

Kaveh Moghaddam is an Associate Professor of International Strategy and Entrepreneurship at the University of Houston-Victoria. His primary research interests are internationalisation strategies of emerging market firms and international entrepreneurship. He has published his research articles in several respected

xxiv About the Contributors

academic journals including Strategic Entrepreneurship Journal, International Business Review, and Journal of International Management.

Marco Pironti is Professor of Innovation and Entrepreneurship Management at the University of Turin, President of the Interdepartmental Centre for Innovation ICxT, and a member of the Scientific Committee of the PhD in Innovation for the Circular Economy. He is the author of over 90 articles and other publications. His main research interests are strategy, innovation management and business modelling and planning. He is the councilor for innovation, smart city, and ICT systems of Turin. He is carrying out the innovation and digitisation strategy in this city.

Parisa Rasoulian is currently a PhD candidate in Entrepreneurship at the University of Tehran. She completed her Master's degree in Entrepreneurship at the University of Tehran.

Marziyeh Rassaf holds a Bachelor's degree in Mechanical Engineering from the University of Shahid Rajaee and a Master's degree in Industrial Management from the University of Tehran. She worked for two years as a coordinator in a healthcare company. Moreover, she worked as a Teacher Assistant at Mehr Alborz Higher Education Institute for a year. Her research interests include multiple-criteria decision-making methods and data envelopment analysis, particularly in international entrepreneurship, customer satisfaction analysis, and supply chain management.

Mojtaba Rezaei has got his PhD in Business and Management at the Università degli Studi di Torino, Italy. His research interests are knowledge management, digitalisation, and business internationalisation. He has contributed to different research projects with various scholars and universities. He has published papers in several international publications, such as the *European Business Review*, *Technological Forecasting and Social Change*, the *Journal of Knowledge Management*, the *British Food Journal*, and the *International Journal of Technology Management*. In addition, he cooperates with journals and conferences in reviewing papers.

Irina Nikoskaja Roddvik is Associate Professor in Marketing at Østfold University College in Norway. She has doctoral degrees in Philosophy and International Marketing and Management Control. Her current research focuses on SMEs and international communication, international business from an historical perspective, marketing ecosystems and behaviour theories in marketing/entrepreneurship, with a focus on emerging market economies.

Razieh Sadraei (PhD) is an Assistant Lecturer in Business Strategy at the School of Strategy and Leadership at Coventry University. Before joining Coventry University, she was a Business Lecturer at Scholars School System University College, and a Lecturer in Business and Management at Kingston University ISC (Study Group), London. She did her Postdoctoral programme at Wolverhampton University. She is currently teaching a number of modules in business strategy.

She is an active researcher in the field of female and international entrepreneurship. She has published papers in several international journals.

Sina Sarmadi received his BSc in Information Technology Engineering from the Karaj Branch of Islamic Azad University in 2017. Afterwards, he earned an MBA from the Science and Research Branch of Islamic Azad University in 2022. His primary research interest and professional field lie in business intelligence, data science, and entrepreneurship.

Sayed-Shakoor Shahidi is currently a PhD candidate at the University of Tehran Kish International Campus. He holds his postgraduate EMBA from the Iran University of Science and Technology. His primary interest areas include multiplecriteria decision-making methods, strategy, international entrepreneurship, and supply chain management.

Mohammadreza Taghizadeh-Yazdi is currently an Associate Professor in the Department of Industrial Management at the University of Tehran, Iran. He received his MS degree in the Department of Industrial Engineering and a PhD degree in the Department of Industrial Management from the University of Tehran. His research fields include operations research, simulation, simulation-based optimisation, and supply chain management.

Kambiz Talebi is a Full Professor at the Faculty of Entrepreneurship, University of Tehran. He has published 85 articles in Iranian entrepreneurship journals and 20 articles in Scopus and WOS Member Journals. He has presented 20 articles at Babson College ECIE conferences. He has published 10 books in the Persian language in Tehran University Press. He conducted 10 research projects in the field of entrepreneurship in small and medium businesses, strategy in start-ups, and knowledge management. His research background includes entrepreneurship strategy, growth and scaleup, venture creation management, and open innovation.

Thomas Weber is an Associate Professor of Management at the University of Southern Indiana. His primary research interests are international strategy and corporate governance. He has published his research articles in several respected academic journals including *Entrepreneurship, Theory and Practice, Journal, International Business Review*, and *Journal of International Management*.

Fatemeh Yaftiyan is a PhD candidate in Operations Research in the Faculty of Management at the University of Tehran. She also completed the same university's BSc and MSc in Industrial Management and Operations Research. Recently, she has contributed to national and international research grant. In turn, she is an expert in the academic research area and she has reviewed for the *Journal of Manufacturing Technology Management* (Emerald Publishing). Moreover, she voluntarily was an Executive Manager in Business Process Management System (BPMS) at SFUT (i.e. the charity of the University of Tehran). Besides, she was

an executive expert in BPMS at the knowledge-based business consultant SMEs. In this vein, her chief interest fields cover multiple-criteria decision-making methods, classical and evolutionary game theories, system dynamics, data envelopment analysis, sustainable, resilient and digital supply chain management, entrepreneurship, BPMS and business intelligence. Since 2021, she has published such relevant research paper in the well-known ABS 1* ranked international journal, that is *British Food Journal* and she has also some articles in press, including the popular ABS 2* ranked international journals such as *Journal of Cleaner Production, Computers and Industrial Engineering, International Journal of Quality and Reliability Management*, etc.

Babak Zamani holds a Master's degree in Strategic MBA from the University of Teheran – Kish International campus. He is the Managing Director of an Iranian retail E-commerce and has over a decade of experience as the Director of Information Technology in the footwear industry. His studies have led to a passionate interest in sustainable technologies, digitalisation, globalisation, multicriteria-decision-making approaches, and their use in quantitative research. He believes that most of Iran's industries look at domestic customers, and at this time, it seems Iran is passing through very dark economic and political conditions. Therefore, all Iranian industries should consider the dimensions of sustainability and globalisation in their corporate decision-making strategy to achieve a better future. Moreover, researchers can assist Iranian industries during the period of historic transition.

Book Description

Decision-Making in International Entrepreneurship: Unveiling Cognitive Implications Towards Entrepreneurial Internationalisation provides a comprehensive insight into what drives small and medium firms to internationalise entrepreneurially. This is a collection of prominent chapters that gives an understanding of the types of processes, methods, and approaches towards decision-making in international entrepreneurship. In particular, this book stresses multidisciplinary methods that help entrepreneurs in their internationalisation decision. Chapters will analyse international entrepreneurial decision-making through a broad range of statistical methods (e.g. regressions, panel data, and structural equational modelling) as well as decision-making and optimisation models in certain and uncertain circumstances. Indeed, this research book is essential reading for researchers, scholars, and practitioners who are looking to synthesise the process of decision-making towards exploiting entrepreneurial opportunities across national borders.