

1. Record Nr.	UNISALENT0991003297749707536
Autore	Barnes, John Wykeham
Titolo	Basic geological mapping / Richard J. Lisle, Peter J. Brabham and John W. Barnes
ISBN	9780470686348
Edizione	[5th ed.]
Descrizione fisica	xi, 217 p. : ill., maps ; 18 cm
Collana	The geological field guide series
Altri autori (Persone)	Lisle, Richard J.
Disciplina	550.223
Soggetti	Geological mapping
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes appendix (p. 195-204)
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2. Record Nr.	UNINA9910734883603321
Autore	Carmody-Bubb Meghan
Titolo	Cognition and Decision Making in Complex Adaptive Systems : The Human Factor in Organizational Performance / / by Meghan Carmody-Bubb
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-31929-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (241 pages)
Disciplina	658.3
Soggetti	Psychology Cognitive psychology Cognition Social psychology Behavioral Sciences and Psychology Cognitive Psychology Social Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: What Is A Complex Adaptive System? -- Chapter 3: Evolution from Linear to Systems Thinking -- Chapter 4: Emergence of a New Discipline for the Twentieth Century: Human Factors and Systems Engineering -- Chapter 5: Complexity Science in Organizational Behavior -- Chapter 6: The Scientific Method Applied To Complex Adaptive Systems -- Chapter 7: The Challenge of Uncertainty in Complex Adaptive Systems Research -- Chapter 8: Beauty and the Beast: The Importance of Debate in Science -- Chapter 9: Cognitive Psychology: What's In The Box? -- Chapter 10: Is Perception Reality? -- Chapter 11: The Nature of Human Error in Decision Making -- Chapter 12: Seeing What We Expect to See: Cognitive Bias and Its Role in Human Error and Decision Making -- Chapter 13: How Polarization Impacts Judgment: We Are More Emotional and Less Rationale Than We Would Like To Believe -- Chapter 14: Naturalistic Decision Making -- Chapter 15: The Stages of

a Decision -- Chapter 16: Situational Awareness and Situational Assessment -- Chapter 17: The Human Factor in Complex Adaptive Systems -- Chapter 18: Strategic Decision Making Through the Lens of Complex Adaptive Systems: The Cynefin Framework -- Chapter 19: Team Decision Making and Crew Resource Management -- Chapter 20: The Importance of Learning Cultures in Organizations -- Chapter 21: Fostering Diversity of Thought in Strategic Decision Making -- Chapter 22: Innovation in Complex Adaptive Systems -- Chapter 23: The Dark Side of Innovation. .

Sommario/riassunto

This book explains the role of human behavior research, from both a historical and modern perspective, in improving objective, measurable performance outcomes to include safety, strategic decision making, and organizational performance. The book builds upon empirically supported foundations of human cognition, but with a focus on applying this knowledge in a manner that can improve human decision-making to enhance safety and performance. It includes explanations of how the human mind processes information, including differences in novice versus expert information processing, and tools to combat various cognitive biases. Explained within the framework of complex adaptive systems, this book builds upon resources developed through the author's years of combined applied research and graduate teaching and includes chapters on the roles of uncertainty and complexity within scientific research. Finally, the book offers tools that are rooted in empirical research and demonstrated within the context of contemporary, real-world scenarios, with a focus on improving organizational effectiveness through improved strategic decision making and the development of learning cultures within organizations.
