

# DECISION-MAKING SKILLS

## DEFINITION

Decision-making is the process of selecting a course of action among several available options. It involves evaluating and analyzing the benefits and risks of each choice. This cognitive process is vital for problem-solving, planning, and achieving desired outcomes. Effective decision-making often requires gathering information and assessing potential impacts.

## EXAMPLES

- **Critical Thinking:** This aids decision-making by allowing you to analyze, evaluate, and interpret information objectively, leading to more informed choices.
- **Cost-Benefit Analysis:** This assists in decision-making by quantifying and comparing the anticipated costs and benefits of an action.

# Emergent Issues In Human Decision Making

**Christine Owen**



## **Emergent Issues In Human Decision Making:**

*Emergent Issues in Human Decision Making* Gerald M. Phillips, Julia T. Wood, 1984 A critical examination of the concept of decision making or consensus that has held sway in thinking about groups since its introduction in the 1930s As a part of the group dynamics movement the concept of consensus was accepted perhaps without adequate reflection regarding its nature and utility as a way of thinking about and teaching about group process The authors carefully define the concept trace it historically and critically evaluate its merit to create an understanding of what happens when groups of people come together to work things out The contributors are William K Rawlins Randy Y Hirokawa Nancy Wyatt Lynne Kelly Cynthia F Begnal Christopher Waagen Susan L Kline Janet M Ceropski and Paul G Friedman The result of their studies is the recognition that consensus is a concept not an entity or a state of being While an important concept that is useful as a critical tool it must be treated as a concept an abstraction created and used by those who wish to study how people reach collective agreements

**Emergent Issues in Human Decision Making** Gerald M. Phillips, Julia T. Wood, 1984 A critical examination of the concept of decision making or consensus that has held sway in thinking about groups since its introduction in the 1930s As a part of the group dynamics movement the concept of consensus was accepted perhaps without adequate reflection regarding its nature and utility as a way of thinking about and teaching about group process The authors carefully define the concept trace it historically and critically evaluate its merit to create an understanding of what happens when groups of people come together to work things out The contributors are William K Rawlins Randy Y Hirokawa Nancy Wyatt Lynne Kelly Cynthia F Begnal Christopher Waagen Susan L Kline Janet M Ceropski and Paul G Friedman The result of their studies is the recognition that consensus is a concept not an entity or a state of being While an important concept that is useful as a critical tool it must be treated as a concept an abstraction created and used by those who wish to study how people reach collective agreements

*Human Factors Challenges in Emergency Management* Christine Owen, 2017-09-29 This book provides an overview of state of the art research that has been conducted within Australia funded by the Bushfire Cooperative Research Centre The chapters source and contextualize their own research practice within the context of the international research literature Therefore while the research has occurred within Australia it will be of particular interest to scholars students and practitioners in a number of other countries particularly within the United States of America and in Europe The fire and emergency services is a particularly large industry in Australia alone it employs 250 000 personnel yet there is very little by way of published human factors books addressing this sector directly Emergency events frequently involve problems for which there may be unanticipated consequences and highly interdependent consequential effects In short emergency events are not necessarily as containable as may be work in other domains As Karl Weick once commented emergency events do not play by the rules This means that these research chapters tell us something about a potential future world of work that is highly dynamic interdependent and for which improvisation and critical

thinking and problem solving are necessary pre requisites The discussions about individual and team performance will also be pertinent to others working in similar high reliability high consequence domains The chapters connect into an integrated body of work about individual and group performance and their limitations *Facilitator's Guide to Participatory Decision-Making* Sam Kaner, 2011-03-10 The best book on collaboration ever written Diane Flannery founding CEO Juma Ventures And now this classic book is even better much better Completely revised and updated the second edition is loaded with new tools and techniques Two powerful new chapters on agenda design A full section devoted to reaching closure More than twice as many tools for handling difficult dynamics 70 brand new pages and over 100 pages significantly improved

**Handbook of Conflict Management Research** Oluremi B. Ayoko, Neal M. Ashkanasy, Karen A. Jehn, 2014-07-31 This unique book draws together current thoughts and research in conflict management Specifically it brings a wealth of knowledge from authorities in the field on emerging issues such as power in conflict cognition and emotions in conflict leading Creating Effective Teams Susan A. Wheelan, 2010 Creating Effective Teams A Guide for Members and Leaders 3rd Edition is a practical guide for building and sustaining top performing teams Based on the author s many years of consulting experience with teams in the public and private sector the Third Edition describes why teams are important how they function and what makes them productive The author clearly illustrates the developmental nature of teams and describes what happens in each stage Separate chapters are devoted to the responsibilities of team leaders and team members Problems that occur frequently in groups are highlighted followed by what you can do sections that offer specific advice Real life examples and questionnaires are used throughout the book giving readers the opportunity for self evaluation New to the Third Edition Discussions of diversity within teams have been added throughout the text focusing on how different ethnic or cultural groups may have differing perceptions of group interactions Also provided will be specific strategies for ensuring that groups are respectful of these different beliefs while still being as effective as possible References to the research the text is based on will be added giving readers the theoretical and research background for the practical application based material in the text More real life examples and problem solving skills will be added including step by step directions for becoming a high performing team New checklists and self evaluations will be added building on those currently included in the text and providing even more information on what kind of leader or team member the reader is **The**

**Handbook of Group Communication Theory and Research** Lawrence R. Frey, Dennis Gouran, Marshall Scott Poole, 1999-07-08 The Handbook of Group Communication Theory and Research establishes a central resource for the field documenting and synthesizing the work done in group communication s 50 year history With contributions from the most experienced and respected scholars in the field the editors Lawrence R Frey Dennis S Gouran and Marshall Scott Poole present an overview of group communication study and examine a variety of theoretical positions and methodological practices The volume is divided into six broad areas of communication scholarship Foundations of group communication

theory and research Individuals and group communication Task and relational group communication Group communication processes Group communication facilitation Group communication contexts and applications The sections serve as a crossroads where various paths pursued in each area meet summarize and suggest new maps and roads that need to be followed in the future Offering a comprehensive history of group communication theory and research and establishing new conceptual perspectives and research agendas for future group communication scholars this important resource will be an unrivalled tool for scholars researchers educators practitioners and students alike

*Interorganizational Collaboration* Renee Guarriello Heath, Matthew G. Isbell, 2017-03-08 Interorganizational Collaboration Complexity Ethics and Communication centers around three key assertions 1 interorganizational collaboration is complex and warrants study as a specific type of leadership and communication 2 successful collaborative relationships are grounded in a principled ethic of democratic and egalitarian participation and 3 interorganizational collaboration requires a specific communication language of practice Interorganizational collaboration is influenced by increased interconnectedness shifting organizational needs and a changing workforce Collaboration invokes ethical questions and ethical responsibilities that must be considered in communication practices and structures Although there are many popular books and practitioner materials on collaboration most are not focused on introducing foundational concepts to a novice audience In addition the subject of communication in collaboration has been somewhat underdeveloped The authors focus on communication from a social constructionist stance One of their primary goals is to develop a collaboration pedagogy based on existing communication scholarship The authors present communicative practices vital to interorganizational participation and they view collaboration as something beyond an exchange of resources and knowledge Unlike group and organizational texts that approach collaboration from a functional or strategic perspective this text anchors collaboration in the assumption that democratic and principled communication will foster creative and accountable outcomes for participants in collaborative problem solving The authors articulate a collaborative ethic useful in all communicative contexts Micropractices of communication are fundamental not only to collaborating across organizations but also to fostering just and trusting relationships The book discusses the cornerstone assumptions and principled practices necessary for stakeholders to address problems for example recognizing and validating the needs of fellow stakeholders separating people's positions from underlying interests listening for things that are never quite said identifying overlapping commonalities building trust while respecting difference and constructively navigating conflict The book also focuses on building collaborative praxis based on the assumption of contingency Praxis cultivates knowledge and ethical understanding of a situation so participants in collaborations can make the best decision based on specific circumstances

*Decision Making in Emergency Management* Jan Glarum, Carl Adrianopoli, 2019-11-20 Decision Making in Emergency Management examines decisions the authors have made over their careers based on their combined training experience and instinct Through a broad range of case studies readers discover how experience impacts decision

making in conjunction with research and tools available While the use of science data and industry standards are always the best option when it comes to handling emergency situations not all emergency situations fit one known solution This book comprehensively explores the question Is instinct a viable factor when faced with a challenging situation and how close does it match up with the best science available *The Group in Society* John Gastil,2009-07-07 The Group in Society meets the challenges of teaching courses on small groups by revealing the full complexity of small groups and their place in society It shows students the value of learning how to carefully study a group s history and context rather than merely learning a fixed set of group participation skills This text brings together disparate theories and research from communication social psychology organizational and managerial studies and sociology in a way that helps students make sense of a complex body of scholarship on groups Features examples include the powerful group bonds of the modern terrorist cell the wired network of groups in the anti Globalization movement and the deliberation of a jury in a murder trial Teaching a sample course schedule Embedded Systems Framework PowerPoint slides group project assignments group project worksheets and a group project description and contract and links to useful Web resources such as small group teaching resources and active wikis on small groups An open access student study site at [www.sagepub.com/gastilstudy](http://www.sagepub.com/gastilstudy) features e flashcards practice quizzes and other resources to help students enhance their comprehension and improve their grade

**Cognitive Activities in Architectural Design** Stephane Safin,2025-10-21 Architectural design relies on distinct cognitive processes that have been the subject of research for several decades However in light of recent social and technological shifts reshaping the discipline there is a pressing need for new insights to better understand how these changes influence the design process This collective work offers an overview of research in the field opening up perspectives towards an ever finer understanding of the cognitive processes involved in architectural design design neuroscience uses induced or offered by building information modeling BIM information retrieval representational processes AI in ideation and the values and processes used in active participation Cognitive Activities in Architectural Design is aimed at researchers in the design sciences seeking a deeper understanding of design processes architectural teachers looking to reflect on and enhance their teaching practices and practitioners interested in how scientific research can define and conceptualize their professional work

Effective Fire and Emergency Services Administration, 2nd edition Robert S. Fleming,2024-09-12 Effective Fire and Emergency Services Administration 2nd Ed prepares individuals for successful careers in fire and emergency services administration examining critical areas such as Effective Management and Leadership Get insights into essential management functions leadership development and the transition from firefighter to officer roles Organizational Challenges and Planning Learn how to address contemporary challenges in fire and emergency services including stakeholder expectations environmental scanning and strategic planning Human Resources and Professional Development Explore the nuances of managing personnel career advancement recruitment retention and the importance of ongoing training and certification Communication and Decision Making See how

effective communication can positively impact decision making processes and drive problem solving strategies in both administrative and emergency scenarios Resource and Risk Management Discover how to manage physical financial and human resources while also addressing safety health wellness and risk management in fire services Whether you re working toward career advancement or currently serving in an administrative role this book equips both you and the organizations you lead for success It s a valuable resource for students personnel and operational and administrative officers looking to excel in leadership and prepare for promotional exams Written by Robert S Fleming a highly respected expert with over 50 years of experience in fire and emergency services this book and the previous edition reflect his extensive knowledge in organizational effectiveness and leadership development

**Issues in Critical and Emergency Medicine: 2013 Edition**, 2013-05-01 Issues in Critical and Emergency Medicine 2013 Edition is a ScholarlyEditions book that delivers timely authoritative and comprehensive information about Injury Research The editors have built Issues in Critical and Emergency Medicine 2013 Edition on the vast information databases of ScholarlyNews You can expect the information about Injury Research in this book to be deeper than what you can access anywhere else as well as consistently reliable authoritative informed and relevant The content of Issues in Critical and Emergency Medicine 2013 Edition has been produced by the world s leading scientists engineers analysts research institutions and companies All of the content is from peer reviewed sources and all of it is written assembled and edited by the editors at ScholarlyEditions and available exclusively from us You now have a source you can cite with authority confidence and credibility More information is available at <http://www.ScholarlyEditions.com>

**Collaborative Decision Making: Perspectives and Challenges** P. Zaraté,J.P. Belaud,G. Camilleri,2008-06-13 Presents the innovations and achievements of academic communities on Decision Support Systems DSS This book intends to improve ways of synthesizing and applying relevant work from resource disciplines to practical implementation of systems that enhance decision support capability

**Core Topics in General & Emergency Surgery E-Book** Simon Paterson-Brown,Hugh M. Paterson,2018-04-25 Core Topics in General and Emergency Surgery meets the needs of surgeons in higher training and practising consultants for a contemporary and evidence based account of general surgery in both elective and emergency situations It is a practical reference source incorporating the most current information on recent developments management issues and operative procedures The text is thoroughly referenced and supported by evidence based recommendations wherever possible distinguishing between strong evidence to support a conclusion and evidence suggesting that a recommendation can be reached on the balance of probabilities For this Sixth Edition the authorship team across the series has been expanded to include additional European and World experts with an increased emphasis on global practice Throughout all six volumes the contents have been extensively revised in line with recently published evidence Detailed supportive key references are provided and are also included within the comprehensive list of references in the accompanying ebook Links to recommended online videos have been added where appropriate The

Companion to Specialist Surgical Practice series provides a current and concise summary of the key topics within the major sub specialties of general surgery Each volume highlights evidence based practice both in the text and within the extensive list of references at the end of every chapter The extensive revisions to this edition of Core Topics in General and Emergency Surgery are intended to maximize its appeal to all those in general surgical practice There are several entirely new chapters on subjects previously covered in other volumes of the series while the remaining chapters have been revised updated or re written by new authors where appropriate The new chapters include those on the Evaluation of surgical literature Enhanced recovery Organ donation and general surgery in transplant patients and Principles of neck surgery for the general surgeon For the first time this volume includes a chapter on Patient safety and human factors in surgery which distills the core knowledge that is fundamental to achieving good outcomes and avoiding bad ones in practice for all grades of surgeon

Artificial Intelligence: Theories, Models and Applications John Darzentas, George Vouros, Spyros Vosinakis, Argyris Arnellos, 2008-09-22 Artificial intelligence AI is a dynamic field that is constantly expanding into new application areas discovering new research challenges and facilitating the development of innovative products Today's information overload and rapid technological advancement raise needs for effective management of the complexity and heterogeneity of knowledge for intelligent and adaptable man machine interfaces and for products and applications that can learn and take decisions by themselves Although the mystery of human level intelligence has just started to be uncovered in various interdisciplinary fields AI is inspired by the respective scientific areas to explore certain theories and models that will provide the methods and techniques to design and develop human centered applications that address the above mentioned needs This volume contains papers selected for presentation at the 5th Hellenic Conference on Artificial Intelligence SETN 2008 the official meeting of the Hellenic Society for Artificial Intelligence EETN Previous conferences were held at the University of Piraeus 1996 at the Aristotle University of Thessaloniki 2002 at the University of the Aegean 2004 and at the Institute of Computer Science at FORTH Foundation for Research and Technology Hellas and the University of Crete 2006

Unconventional Emergency Management Research Weicheng Fan, 2024-03-20 This book mainly introduces the research overview research results and follow up prospects of Unconventional Emergency Management Research a major research plan of National Natural Science Foundation of China hereinafter referred to as the Plan The Plan has carried out innovative research around major strategic fields and directions on emergency management A total of 121 projects were funded by the Plan including 92 Fostering Projects 25 Key Projects and 4 Integrated Projects with a total funding of 120 million RMB From the perspective of major national needs and scientific discipline development the book focuses on three key scientific issues information processing and evolution modeling of unconventional emergencies emergency decision making theory of unconventional emergencies and psychological and behavioral response laws of individuals and groups in emergency situations The publication of this book aims to provide more powerful support for the research and exploration in public security and emergency management



*Fire and Emergency Services Administration: Management and Leadership Practices Includes Navigate Advantage*  
Access L. Charles Smeby Jr., L. Charles Smeby Jr., 2021-03-22 This book is designed to be a progressive primer for students who want more knowledge about fire and emergency services administration. The book demonstrates the importance of the following skills necessary to manage and lead a fire and emergency services department through the challenges and changes of the 21st century: Persuasion and influence, accountable budgeting, anticipation of challenges and the need for change, and using specific management tools for analyzing and solving problems. A central part of the book focuses on how the leadership of a fire and emergency services department develops internal and external cooperation to create a coordinated approach to achieving the department's mission.

Power and Interdependence in Organizations Dean Tjosvold, Barbara Wisse, 2009-02-26 Capitalizing on significant developments in social science over the past twenty years, this book explores both the positive and negative aspects of power, identifying opportunities and threats. It shows how managers and employees can manage power in order to make it a constructive force in organizations.

Disciplines, Disasters and Emergency Management David A. McEntire, 2007 Disasters such as the 9/11 terrorist attacks, the Indian Ocean Tsunami, and Hurricane Katrina illustrate the salience and complexity of disasters. Both scholars and practitioners therefore agree that we must take a more proactive and holistic approach to emergency management, which should logically be derived from a sound understanding of the academic literature and the most pressing concerns facing professionals in the field today. *Disciplines, Disasters and Emergency Management* reviews what is known about catastrophic events from the standpoint of various academic areas of study. The introduction

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