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## Renewable Energy

### Resources, Challenges and Applications

*BoD - Books on Demand* The demand for secure, affordable and clean energy is a priority call to humanity. Challenges associated with conventional energy resources, such as depletion of fossil fuels, high costs and associated greenhouse gas emissions, have stimulated interests in renewable energy resources. For instance, there have been clear gaps and rushed thoughts about replacing fossil-fuel driven engines with electric vehicles without long-term plans for energy security and recycling approaches. This book aims to provide a clear vision to scientists, industrialists and policy makers on renewable energy resources, predicted challenges and emerging applications. It can be used to help produce new technologies for sustainable, connected and harvested energy. A clear response to economic growth and clean environment demands is also illustrated.

## Names in Focus

### An Introduction to Finnish Onomastics

*BoD - Books on Demand* Names in Focus delves deep into the vast field of Finnish onomastics, covering place names, personal names, animal names, commercial names and names in literature. It provides the history and current trends in this area of research, and also supplements international terminology with the Finnish point of view on the subject. Brimming with examples and clear explanations, the book can be enjoyed by the most studious of researchers as well as the casual reader who has a genuine interest in the study of names.

## Organizational Climate and Culture

### An Introduction to Theory, Research, and Practice

*Routledge* The fields of organizational climate and organizational culture have co-existed for several decades with very little integration between the two. In *Organizational Climate and Culture: An Introduction to Theory, Research, and Practice*, Mark G. Ehrhart, Benjamin Schneider, and William H. Macey break down the barriers between these fields to encourage a broader understanding of how an organization's environment affects its functioning and performance. Building on in-depth reviews of the development of both the organizational climate and organizational culture literatures, the authors identify the key issues that researchers in each field could learn from the other and provide recommendations for the integration of the two. They also identify how practitioners can utilize the key concepts in the two literatures when conducting organizational cultural inquiries and leading change efforts. The end product is an in-depth discussion of organizational climate and culture unlike anything that has come before that provides unique insights for a broad audience of academics, practitioners, and students.

## Marine Fisheries Review

## Handbook of Critical Psychology

*Routledge Choice Recommended Read* Critical psychology has developed over time from different standpoints, and in different cultural contexts, embracing a variety of perspectives. This cutting-edge and comprehensive handbook values and reflects this diversity of approaches to critical psychology today, providing a definitive state-of-the-art account of the field and an opening to the lines of argument that will take it forward in the years to come. The individual chapters by leading and emerging scholars plot the development of a critical perspective on different elements of the host discipline of psychology. The book begins by systematically addressing each separate specialist area of psychology, before going on to consider how aspects of critical psychology transcend the divisions that mark the discipline. The final part of the volume explores the variety of cultural and political standpoints that have made critical psychology such a vibrant contested terrain of debate. The Handbook of Critical Psychology represents a key resource for researchers and practitioners across all relevant disciplines. It will be of particular interest to students and researchers in psychology, psychosocial studies, sociology, social anthropology and cultural studies, and to discourse analysts of different traditions, including those in critical linguistics and political theory.

## Building Secure and Reliable Systems

## Best Practices for Designing, Implementing, and Maintaining Systems

*O'Reilly Media* Can a system be considered truly reliable if it isn't fundamentally secure? Or can it be considered secure if it's unreliable? Security is crucial to the design and operation of scalable systems in production, as it plays an important part in product quality, performance, and availability. In this book, experts from Google share best practices to help your organization design scalable and reliable systems that are fundamentally secure. Two previous O'Reilly books from Google—Site Reliability Engineering and The Site Reliability Workbook—demonstrated how and why a commitment to the entire service lifecycle enables organizations to successfully build, deploy, monitor, and maintain software systems. In this latest guide, the authors offer insights into system design, implementation, and maintenance from practitioners who specialize in security and reliability. They also discuss how building and adopting their recommended best practices requires a culture that's supportive of such change. You'll learn about secure and reliable systems through: Design strategies Recommendations for coding, testing, and debugging practices Strategies to prepare for, respond to, and recover from incidents Cultural best practices that help teams across your organization collaborate effectively

## Handbook of Big Data and IoT Security

*Springer* This handbook provides an overarching view of cyber security and digital forensic challenges related to big data and IoT environment, prior to reviewing existing data mining solutions and their potential application in big data context, and existing authentication and access control for IoT devices. An IoT access control scheme and an IoT forensic framework is also presented in this book, and it explains how the IoT forensic framework can be used to guide investigation of a popular cloud storage service. A distributed file system forensic approach is also presented, which is used to guide the investigation of Ceph. Minecraft, a Massively Multiplayer Online Game, and the Hadoop distributed file system environment are also forensically studied and their findings reported in this book. A forensic IoT source camera identification algorithm is introduced, which uses the camera's sensor pattern noise from the captured image. In addition to the IoT access control and forensic frameworks, this handbook covers a cyber defense triage process for nine advanced persistent threat (APT) groups targeting IoT infrastructure, namely: APT1, Molerats, Silent Chollima, Shell Crew, NetTraveler, ProjectSauron, CopyKittens, Volatile Cedar and Transparent Tribe. The characteristics of remote-controlled real-world Trojans using the Cyber Kill Chain are also examined. It introduces a method to leverage different crashes discovered from two fuzzing approaches, which can be used to enhance the effectiveness of fuzzers. Cloud computing is also often associated with IoT and big data (e.g., cloud-enabled IoT systems), and hence a survey of the cloud security literature and a survey of botnet detection approaches are presented in the book. Finally, game security solutions are studied and explained how one may circumvent such solutions. This handbook targets the security, privacy and forensics research community, and big data research community, including policy makers and government agencies, public and private organizations policy makers. Undergraduate and postgraduate students enrolled in cyber security and forensic programs will also find this handbook useful as a reference.

# Machine Learning, Advances in Computing, Renewable Energy and Communication Proceedings of MARC 2020

Springer Nature *This book gathers selected papers presented at International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication (MARC 2020), held in Krishna Engineering College, Ghaziabad, India, during December 17–18, 2020. This book discusses key concepts, challenges, and potential solutions in connection with established and emerging topics in advanced computing, renewable energy, and network communications.*

# Software Engineering Methods in Intelligent Algorithms

## Proceedings of 8th Computer Science On-line Conference 2019, Vol. 1

Springer *This book presents software engineering methods in the context of the intelligent systems. It discusses real-world problems and exploratory research describing novel approaches and applications of software engineering, software design and algorithms. The book constitutes the refereed proceedings of the Software Engineering Methods in Intelligent Algorithms Section of the 8th Computer Science On-line Conference 2019 (CSOC 2019), held on-line in April 2019.*

# Engineering Design Optimization

Cambridge University Press *A rigorous yet accessible graduate textbook covering both fundamental and advanced optimization theory and algorithms.*

# The Media Book

Hodder Education *The Media Book provides today's students with a comprehensive foundation for the study of the modern media. It has been systematically compiled to map the field in a way which corresponds to the curricular organization of the field around the globe, providing a complete resource for students in their third year to graduate level courses in the U.S.*

# Wildlife in a Changing World

## An Analysis of the 2008 IUCN Red List of Threatened Species

IUCN *Wildlife in a Changing World presents an analysis of the 2008 IUCN Red List of Threatened Species. Beginning with an explanation of the IUCN Red List as a key conservation tool, it goes on to discuss the state of the world's species and provides the latest information on the patterns of species facing extinction in some of the most important ecosystems in the world, highlighting the reasons behind their declining status. Areas of focus in the report include: freshwater biodiversity, the status of the world's marine species, species susceptibility to climate change impacts, the Mediterranean biodiversity hot spot, and broadening the coverage of biodiversity assessments.*

# Proceedings of the International Conference on Industrial and Manufacturing Systems

(CIMS-2020)

## Optimization in Industrial and Manufacturing Systems and Applications

*Springer Nature* In order to deal with the societal challenges novel technology plays an important role. For the advancement of technology, Department of Industrial and Production Engineering under the aegis of NIT Jalandhar is organizing an "International Conference on Industrial and Manufacturing Systems" (CIMS-2020) from 26th -28th June, 2020. The present conference aims at providing a leading forum for sharing original research contributions and real-world developments in the field of Industrial and Manufacturing Systems so as to contribute its share for technological advancements. This volume encloses various manuscripts having its roots in the core of industrial and production engineering. Globalization provides all around development and this development is impossible without technological contributions. CIMS-2020, gathered the spirits of various academicians, researchers, scientists and practitioners, answering the vivid issues related to optimisation in the various problems of industrial and manufacturing systems.

## Ethics for Behavior Analysts

## A Practical Guide to the Behavior Analyst Certification Board Guidelines for Responsible Conduct

*Routledge* Behavior analysis, a rapidly growing profession, began with the use and application of conditioning and learning techniques to modify the behavior of children or adults presenting severe management problems, often because of developmental disabilities. Now behavior analysts work in a variety of settings, from clinics and schools to workplaces. Especially since their practice often involves aversive stimuli or punishment, they confront many special ethical challenges. Recently, the Behavior Analysis Certification Board codified a set of ten fundamental ethical guidelines to be followed by all behavior analysts and understood by all students and trainees seeking certification. This book shows readers how to follow the BACB guidelines in action. The authors first describe core ethical principles and then explain each guideline in detail, in easily comprehensible, everyday language. The text is richly illuminated by more than a hundred vivid case scenarios about which the authors pose, and later answer questions for readers. Useful appendices include the BACB Guidelines, an index to them, practice scenarios, and suggested further reading. Practitioners, instructors, supervisors, students, and trainees alike will welcome this invaluable new aid to professional development.

## Site Reliability Engineering

## How Google Runs Production Systems

*"O'Reilly Media, Inc."* In this collection of essays and articles, key members of Google's Site Reliability Team explain how and why their commitment to the entire lifecycle has enabled the company to successfully build, deploy, monitor, and maintain some of the largest software systems in the world.

## Indigenous Knowledge and the Integration of Knowledge Systems

## Towards a Philosophy of Articulation

*New Africa Books* This book explores the role of the social and natural sciences in supporting the development of indigenous knowledge systems. It looks at how indigenous knowledge systems can impact on the transformation of knowledge generating institutions such as scientific and higher education institutions on the one hand, and the policy domain on the other.

## Advances in Industrial and Production Engineering

### Select Proceedings of FLAME 2020

*Springer Nature* This book comprises the select proceedings of the 2nd International Conference on Future Learning Aspects of Mechanical Engineering (FLAME) 2020. In particular, this volume discusses different topics of industrial and production engineering such as sustainable manufacturing processes, logistics, Industry 4.0 practices, circular economy, lean six sigma, agile manufacturing, additive manufacturing, IoT and Big Data in manufacturing, 3D printing, simulation, manufacturing management and automation, surface roughness, multi-objective optimization and modelling for production processes, developments in casting, welding, machining, and machine tools. The contents of this book will be useful for researchers as well as industry professionals.

## Spaces Speak, Are You Listening?

### Experiencing Aural Architecture

*MIT Press* How we experience space by listening: the concepts of aural architecture, with examples ranging from Gothic cathedrals to surround sound home theater. We experience spaces not only by seeing but also by listening. We can navigate a room in the dark, and "hear" the emptiness of a house without furniture. Our experience of music in a concert hall depends on whether we sit in the front row or under the balcony. The unique acoustics of religious spaces acquire symbolic meaning. Social relationships are strongly influenced by the way that space changes sound. In *Spaces Speak, Are You Listening?*, Barry Blesser and Linda-Ruth Salter examine auditory spatial awareness: experiencing space by attentive listening. Every environment has an aural architecture. The audible attributes of physical space have always contributed to the fabric of human culture, as demonstrated by prehistoric multimedia cave paintings, classical Greek open-air theaters, Gothic cathedrals, acoustic geography of French villages, modern music reproduction, and virtual spaces in home theaters. Auditory spatial awareness is a prism that reveals a culture's attitudes toward hearing and space. Some listeners can learn to "see" objects with their ears, but even without training, we can all hear spatial geometry such as an open door or low ceiling. Integrating contributions from a wide range of disciplines—including architecture, music, acoustics, evolution, anthropology, cognitive psychology, audio engineering, and many others—*Spaces Speak, Are You Listening?* establishes the concepts and language of aural architecture. These concepts provide an interdisciplinary guide for anyone interested in gaining a better understanding of how space enhances our well-being. Aural architecture is not the exclusive domain of specialists. Accidentally or intentionally, we all function as aural architects.

## Soft Computing Applications

### Proceedings of the 8th International Workshop Soft Computing Applications (SOFA 2018), Vol. I

*Springer Nature* This book presents the proceedings of the 8th International Workshop on Soft Computing Applications, SOFA 2018, held on 13-15 September 2018 in Arad, Romania. The workshop was organized by Aurel Vlaicu University of Arad, in conjunction with the Institute of Computer Science, Iasi Branch of the Romanian Academy, IEEE Romanian Section, Romanian Society of Control Engineering and Technical Informatics - Arad Section, General Association of Engineers in Romania - Arad Section and BTM Resources Arad. The papers included in these proceedings, published post-conference, cover

the research including Knowledge-Based Technologies for Web Applications, Cloud Computing, Security Algorithms and Computer Networks, Business Process Management, Computational Intelligence in Education and Modelling and Applications in Textiles and many other areas related to the Soft Computing. The book is directed to professors, researchers, and graduate students in area of soft computing techniques and applications.

## International Handbook of Virtual Learning Environments

Springer Science & Business Media The International Handbook of Virtual Learning Environments was developed to explore Virtual Learning Environments (VLE's), and their relationships with digital, in real life and virtual worlds. The book is divided into four sections: Foundations of Virtual Learning Environments; Schooling, Professional Learning and Knowledge Management; Out-of-School Learning Environments; and Challenges for Virtual Learning Environments. The coverage ranges across a broad spectrum of philosophical perspectives, historical, sociological, political and educational analyses, case studies from practical and research settings, as well as several provocative "classics" originally published in other settings.

## Environment and Social Theory

Routledge Written in an engaging and accessible manner by one of the leading scholars in his field, *Environment and Social Theory*, completed revised and updated with two new chapters, is an indispensable guide to the way in which the environment and social theory relate to one another. This popular text outlines the complex interlinking of the environment, nature and social theory from ancient and pre-modern thinking to contemporary social theorizing. John Barry: examines the ways major religions such as Judaeo-Christianity have and continue to conceptualize the environment analyzes the way the non-human environment features in Western thinking from Marx and Darwin, to Freud and Horkheimer explores the relationship between gender and the environment, postmodernism and risk society schools of thought, and the contemporary ideology of orthodox economic thinking in social theorising about the environment. How humans value, use and think about the environment, is an increasingly central and important aspect of recent social theory. It has become clear that the present generation is faced with a series of unique environmental dilemmas, largely unprecedented in human history. With summary points, illustrative examples, glossary and further reading sections this invaluable resource will benefit anyone with an interest in environmentalism, politics, sociology, geography, development studies and environmental and ecological economics.

## Innovative Security Solutions for Information Technology and Communications

### 11th International Conference, SecITC 2018, Bucharest, Romania, November 8–9, 2018, Revised Selected Papers

Springer This book constitutes the thoroughly refereed proceedings of the 11th International Conference on Security for Information Technology and Communications, SecITC 2018, held in Bucharest, Romania, in November 2018. The 35 revised full papers presented together with 3 invited talks were carefully reviewed and selected from 70 submissions. The papers present advances in the theory, design, implementation, analysis, verification, or evaluation of secure systems and algorithms.

## Photovoltaic/Thermal (PV/T) Systems

### Principles, Design, and Applications

Springer Nature This book provides the most up-to-date information on hybrid solar cell and solar thermal collectors, which are commonly referred to as Photovoltaic/Thermal (PV/T) systems. PV/T systems convert solar radiation into thermal and electrical energy to produce electricity, utilize more of the solar spectrum, and save space by combining the two structures to cover lesser area than two systems separately. Research in this area is growing rapidly and is highlighted within this book. The most current methods and techniques available to aid in overall efficiency, reduce cost and improve modeling and system maintenance are all covered. In-depth chapters present the background and basic principles of the technology along with a detailed review of the most current literature. Moreover, the book

*details design criteria for PV/T systems including residential, commercial, and industrial applications. Provides an objective and decisive source for the supporters of green and renewable source of energy Discusses and evaluates state-of-the-art PV/T system designs Proposes and recommends potential designs for future research on this topic*

## The MIT Encyclopedia of the Cognitive Sciences (MITECS)

*MIT Press Since the 1970s the cognitive sciences have offered multidisciplinary ways of understanding the mind and cognition. The MIT Encyclopedia of the Cognitive Sciences (MITECS) is a landmark, comprehensive reference work that represents the methodological and theoretical diversity of this changing field. At the core of the encyclopedia are 471 concise entries, from Acquisition and Adaptationism to Wundt and X-bar Theory. Each article, written by a leading researcher in the field, provides an accessible introduction to an important concept in the cognitive sciences, as well as references or further readings. Six extended essays, which collectively serve as a roadmap to the articles, provide overviews of each of six major areas of cognitive science: Philosophy; Psychology; Neurosciences; Computational Intelligence; Linguistics and Language; and Culture, Cognition, and Evolution. For both students and researchers, MITECS will be an indispensable guide to the current state of the cognitive sciences.*

## What Do Science, Technology, and Innovation Mean from Africa?

*MIT Press Explorations of science, technology, and innovation in Africa not as the product of "technology transfer" from elsewhere but as the working of African knowledge. In the STI literature, Africa has often been regarded as a recipient of science, technology, and innovation rather than a maker of them. In this book, scholars from a range of disciplines show that STI in Africa is not merely the product of "technology transfer" from elsewhere but the working of African knowledge. Their contributions focus on African ways of looking, meaning-making, and creating. The chapter authors see Africans as intellectual agents whose perspectives constitute authoritative knowledge and whose strategic deployment of both endogenous and inbound things represents an African-centered notion of STI. "Things do not (always) mean the same from everywhere," observes Clapperton Chakanetsa Mavhunga, the volume's editor. Western, colonialist definitions of STI are not universalizable. The contributors discuss topics that include the trivialization of indigenous knowledge under colonialism; the creative labor of chimurenga, the transformation of everyday surroundings into military infrastructure; the role of enslaved Africans in America as innovators and synthesizers; the African ethos of "fixing"; the constitutive appropriation that makes mobile technologies African; and an African innovation strategy that builds on domestic capacities. The contributions describe an Africa that is creative, technological, and scientific, showing that African STI is the latest iteration of a long process of accumulative, multicultural knowledge production. Contributors Geri Augusto, Shadreck Chirikure, Chux Daniels, Ron Eglash, Ellen Foster, Garrick E. Louis, D. A. Masolo, Clapperton Chakanetsa Mavhunga, Neda Nazemi, Toluwalogo Odumosu, Katrien Pype, Scott Remer*

## Hybrid Power

### Generation, Storage, and Grids

*CRC Press Hybrid energy systems integrate multiple sources of power generation, storage, and transport mechanisms and can facilitate increased usage of cleaner, renewable, and more efficient energy sources. Hybrid Power: Generation, Storage, and Grids discusses hybrid energy systems from fundamentals through applications and discusses generation, storage, and grids. Highlights fundamentals and applications of hybrid energy storage Discusses use in hybrid and electric vehicles and home energy needs Discusses issues related to hybrid renewable energy systems connected to the utility grid Describes the usefulness of hybrid microgrids and various forms of off-grid energy such as mini-grids, nanogrids, and stand-alone systems Covers the use of hybrid renewable energy systems for rural electrification around the world Discusses various forms and applications of hybrid energy systems, hybrid energy storage, hybrid microgrids, and hybrid off-grid energy systems Details simulation and optimization of hybrid renewable energy systems This book is aimed at advanced students and researchers in academia, government, and industry, seeking a comprehensive overview of the basics, technologies, and applications of hybrid energy systems.*

## An Introduction to the Study of Language

## New edition

John Benjamins Publishing *This is a fac simile edition of Bloomfield's An Introduction to the Study of Language (New York 1914), with an introductory article by Joseph S. Kess. Leonard Bloomfield (1887-1949) was responsible for two classic textbooks in the field of linguistics. The earlier, reproduced here, shows some striking differences to his later views, reflecting much of the then-current thinking on language matters. As such, it represents not only an interesting commentary on the theoretical development of an extremely influential linguist, but more importantly, it is a telling document in the evolving history of the discipline and a rich source for the (psycho)linguist interested in how and why we got from where we were to where we are.*

## Comparative Approaches to Informal Housing Around the Globe

UCL Press *Comparative Approaches to Informal Housing Around the Globe brings together historians, anthropologists, political scientists, sociologists, urban planners and political activists to break new ground in the globalisation of knowledge about informal housing. Providing both methodological reflections and practical examples, they compare informal settlements, unauthorised occupation of flats, illegal housing construction and political squatting in different regions of the world. Subjects covered include squatter settlements in Kyrgyzstan and Kazakhstan, squatting activism in Brazil and Spain, right-wing squatting in Germany, planning laws and informality across countries in the Global North, and squatting in post-Second World War UK and Australia.*

## Teaching and Learning STEM

### A Practical Guide

John Wiley & Sons *Rethink traditional teaching methods to improve student learning and retention in STEM Educational research has repeatedly shown that compared to traditional teacher-centered instruction, certain learner-centered methods lead to improved learning outcomes, greater development of critical high-level skills, and increased retention in science, technology, engineering, and mathematics (STEM) disciplines. Teaching and Learning STEM presents a trove of practical research-based strategies for designing and teaching STEM courses at the university, community college, and high school levels. The book draws on the authors' extensive backgrounds and decades of experience in STEM education and faculty development. Its engaging and well-illustrated descriptions will equip you to implement the strategies in your courses and to deal effectively with problems (including student resistance) that might occur in the implementation. The book will help you: Plan and conduct class sessions in which students are actively engaged, no matter how large the class is Make good use of technology in face-to-face, online, and hybrid courses and flipped classrooms Assess how well students are acquiring the knowledge, skills, and conceptual understanding the course is designed to teach Help students develop expert problem-solving skills and skills in communication, creative thinking, critical thinking, high-performance teamwork, and self-directed learning Meet the learning needs of STEM students with a broad diversity of attributes and backgrounds The strategies presented in Teaching and Learning STEM don't require revolutionary time-intensive changes in your teaching, but rather a gradual integration of traditional and new methods. The result will be continual improvement in your teaching and your students' learning. More information about Teaching and Learning STEM can be found at <http://educationdesignsinc.com/book> including its preface, foreword, table of contents, first chapter, a reading guide, and reviews in 10 prominent STEM education journals.*

## Pathways to Sustainable Energy

### Exploring Alternative Outcomes

United Nations *In September 2015 countries agreed to a set of sustainable development goals. Attainment of all of the goals depends directly or indirectly on the availability of sustainable energy. Member States of the UNECE have asked how the region can attain its sustainable energy objectives. The response is complex given the diversity of the region and the range of forces and trends shaping the future. UNECE has undertaken an exploration of the factors shaping the future energy system and has developed four alternative scenarios of how the future might be. This document presents the first results of that work.*

## International CIIP Handbook 2006: Inventory of 20 national and 6 international critical information infrastructure protection policies

## The Cambridge Handbook of Metaphor and Thought

*Cambridge University Press* A comprehensive collection of essays in multidisciplinary metaphor scholarship that has been written in response to the growing interest among scholars and students from a variety of disciplines such as linguistics, philosophy, anthropology, music and psychology. These essays explore the significance of metaphor in language, thought, culture and artistic expression. There are five main themes of the book: the roots of metaphor, metaphor understanding, metaphor in language and culture, metaphor in reasoning and feeling, and metaphor in non-verbal expression. Contributors come from a variety of academic disciplines, including psychology, linguistics, philosophy, cognitive science, literature, education, music, and law.

## Envisioning the World: Mapping and Making the Global

*transcript Verlag* The »global« is permanently made and remade by how it is envisioned in political projects, in language, and in literature. Through a range of case studies, this book shows how practices of referring to the world actually constitute the global in its many facets. It aims to provide a sense in readers of how the global is not something »out there«, but that it is embedded in a wide range of the seemingly »everyday«. The contributions appeal to a readership from a background in Sociology, History, Political Science, Literary Studies, and Social Work.

## Hydrological, Socioeconomic and Ecological Impacts of the North Atlantic Oscillation in the Mediterranean Region

*Springer Science & Business Media* The Mediterranean basin represents one of the most important "hot spots" of climate change in the world, with recent trends towards a hotter and drier climate being related to changes in atmospheric circulation patterns. Such changes can have significant impacts in the climate of this region but also on the natural environment and several socioeconomic activities. Among these patterns, the North Atlantic Oscillation (NAO) is one of the main forcing factors in the region with impact on extreme events such as droughts, severe precipitations or heat and cold waves, the availability of water resources, the ecological dynamics, the quality and quantity of crops, the migration and welfare of animal populations, the fisheries dynamics, the triggering of landslides and the air pollution and human health, among others. The aim of *Hydrological, Socioeconomic and Ecological Impacts of the North Atlantic Oscillation in the Mediterranean Region*, is to serve as an updated reference text that covers the wide range of evidences on the NAO impacts in the Mediterranean regions and from a multidisciplinary perspective. This volume constitutes a unique document to present the state of the art of the numerous studies undertaken on the hydrological, socioeconomic and ecological impact of the NAO, collecting the expertise of researchers from several complementary earth science fields (geography, hydrology, remote-sensing, climatology, agriculture, energy), but that have been lacking a common ground.

## Metaphor and Thought

*Cambridge University Press* *Metaphor and Thought*, first published in 1979, reflects the surge of interest in and research into the nature and function of metaphor in language and thought. In this revised and expanded second edition, the editor has invited the contributors to update their original essays to reflect any changes in their thinking. Reorganised to accommodate the shifts in central theoretical issues, the volume also includes six new chapters that present important and influential fresh ideas about metaphor that have appeared in such fields as the philosophy of language and the philosophy of science, linguistics, cognitive and clinical psychology, education and artificial intelligence.

## Exploring Translation and Multilingual Text Production

### Beyond Content

*Walter de Gruyter* The series serves to propagate investigations into language usage, especially with respect to computational support. This includes all forms of text handling activity, not only interlingual translations, but also conversions carried out in response to different communicative tasks. Among the major topics are problems of text transfer and the interplay between human and machine activities.

### Mothers and Others

*Harvard University Press* *Mothers and Others* finds the key in the primatologically unique length of human childhood. Renowned anthropologist Sarah Hrdy argues that if human babies were to survive in a world of scarce resources, they would need to be cared for, not only by their mothers but also by siblings, aunts, fathers, friends—and, with any luck, grandmothers. Out of this complicated and contingent form of childrearing, Hrdy argues, came the human capacity for understanding others. In essence, mothers and others teach us who will care, and who will not.

## The SAGE Handbook of Visual Research Methods

*SAGE* This book captures the state of the art in visual research. Margolis and Pauwels have brought together, in one volume, a unique survey of the field of visual research that will be essential reading for scholars and students across the social sciences, arts and humanities. The *SAGE Handbook of Visual Research Methods* encompasses the breadth and depth of the field, and points the way to future research possibilities. It illustrates 'cutting edge' as well as long-standing and recognized practices. This book is not only 'about' research, it is also an example of the way that the visual can be incorporated into data collection and the presentation of research findings. Chapters describe a methodology or analytical framework, its strengths and limitations, possible fields of application and practical guidelines on how to apply the method or technique. The Handbook is organized into seven main sections: - Framing the Field of Visual Research - Producing Visual Data and Insight - Participatory and Subject-Centered Approaches - Analytical Frameworks and Approaches - Visualization Technologies and Practices - Moving Beyond the Visual - Options and Issues for Using and Presenting Visual Research. Eric Margolis is an Associate Professor in the Hugh Downs School of Human Communication. He is President of the International Visual Sociology Association. Luc Pauwels is Professor of Visual Culture at the University of Antwerp. He is Chair of the Visual Communication Studies Division of the ICA and Vice-President of the International Visual Sociology Association (IVSA).

## Report of the Commission on the Geopolitical Impacts of New Technologies and Data

### Ten Strategies of a World-Class Cybersecurity Operations Center

*Ten Strategies of a World-Class Cyber Security Operations Center* conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, [www.mitre.org](http://www.mitre.org).