Springer

Customized Book List

Social Sciences
European Metropolitan Housing Markets

This book provides a comprehensive analysis of housing theory and policy with a focus on metropolitan regions. The results are based on case studies of twelve European metropolitan regions, including expert panels organized in each. Using an approach from the field of industrial economics, the analysis is divided into the three related stages "structure", "conduct" and "performance." The essential idea is that the structure of a market, defined by market conditions, market growth, forms of competition and control, influences the economic behavior of both companies and households. The effects of this behavior can be observed in the development of prices; exchanged, constructed and maintained housing quantities; location patterns and choice of space. The contributions of this volume reveal significant differences in housing policies between European countries, while at the same time showing that policy effects are well in line with expectations based on traditional housing theory.

Contents

Fields of interest
Regional Science; Landscape/Regional and Municipal Planning

Target groups
Scientists

Type of publication
Monograph

Diplomacy Games

Formal Models and International Negotiations

In this book, leading experts in international negotiations present formal models of conflict resolution and international negotiations. Besides the description of different models and approaches, the book answers three questions: How can the abstract concepts and results of rational choice theorists be made more understandable and plausible to political and social scientists not trained to work with formal models? What can be done to encourage practitioners to use not only simple but also mathematically advanced approaches in their analysis of real world negotiation problems? How can practitioners (e.g., politicians and diplomats) become interested in, take into account, and apply formal models of their more important problems?

Features
Broad range of formal models for international negotiations. Incentives for diplomats to use formal models and approaches

Fields of interest
Political Science; Game Theory/Mathematical Methods

Target groups
Researchers

Type of publication
Contributed volume

Dental Perspectives on Human Evolution

State of the art research in dental paleoanthropology

The objective of the volume is to bring together, in one collection, the most innovative dental anthropological research as it pertains to the study of hominid evolution. In the past few decades both the number of hominin fossils and the sophistication of the techniques used to analyze them have increased substantially. Contributions focus on dental morphometrics, growth and development, diet and dental evolution. The contributed chapters include crown morphology, microstructure, microwear, stable isotope data, recent genetic research and new methodologies, including 3-D imaging, confocal microscopy and computer modeling. This is a Volume in The Max-Planck-Institute Subseries in Human Evolution coordinated by Jean-Jacques Hublin, Max-Planck-Institute for Evolutionary Anthropology, Department of Human Evolution, Leipzig, Germany.

Features
Most innovative dental anthropological research in the study of hominid evolution

Contents
Part I: Dental Evolution And Dental Morphology. Part II: Dental Microstructure And Life History. Part III: Dental Development. Part IV: Dentition And Diet.

Fields of interest
Anthropology; Image Processing and Computer Vision; Simulation and Modeling; Dentistry; Anatomy

Target groups
Scientists and researchers in paleoanthropology, paleontology and human evolution

Type of publication
Contributed volume

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Target groups
Scientists and researchers in paleoanthropology, paleontology and human evolution

Type of publication
Contributed volume
Spatial Data on the Web

Modeling and Management

Spatial data is essential in a wide range of application domains today. While geographical applications remain the key target area, spatial properties are required in other contexts such as computer-aided design, robotics and image processing. Associated with these is the constantly growing number of distributed processing architectures, based on, for example, grid systems, sensor data networks, and personalized smart devices. Spatial Data on the Web links these two research streams, focusing on the modeling and management of spatial data in distributed systems. Belussi and his coeditors have structured the contributions from internationally renowned researchers into four parts. Part I presents models for representing semistructured, multiresolution and multiscale data; Part II deals with the integration of spatial data sources; Part III describes approaches to spatial data protection; and, finally, Part IV reports innovative applications for mobile devices. The book offers researchers in academia [...]
The Descent of Human Sex Ratio at Birth
A Dialogue between Mathematicians, Biology and Sociology

Since the 18th century, one phenomenon, the proportion of the sexes at birth among human beings, has contributed to various developments such as the calculus of probabilities, administrative statistics, the moral and social sciences, the statistics of variability, post-Darwinian biology and Durkheimian sociology. This fact is brought to the critical attention of readers who rarely work together -- mathematicians, biologists, historians, social scientists and historians of the sciences -- along a three centuries European journey, meeting Søssmilch, Condorcet, Laplace, Fourié, Giou de Buzareingues, Poisson, Quetelet, Darwin, Dusing, Geni, Halbwachs or Fisher. After a deconstruction of the past and present conditions of scientific understanding of human sex ratio at birth, the authors are proposing a reconstruction of the dynamics of the phenomenon based on stochastics. This is an attempt in renewing our links with the oldest traditions of scholarly thinking, but too a kind of "well-tempered" [...] 

Features
A systematic account about human sex-ratio at birth: facts and theories since the 18th century. An attempt to deal with randomness from a foundational perspective in social sciences. An analysis of the variability of the proportion of the sexes at birth, one of the main current demographic phenomena, in similar terms for Asian or western countries, for nowadays and for the three past centuries History of [...] 

Contents

Fields of interest

Target groups
Social scientists (general sociology, demography, social history), historians of sciences and philosophers, mathematicians (statistics and probabilities), biologists (sex ratio topics), gender studies.

Type of publication
Monograph

Due July 2007

86,95 €

Sociological Practice
Intervention and Social Change

The second edition of this text focuses on how to plan, carry out, analyze, and evaluate interventions at the micro, meso, and macro levels. A sociological practitioner enters into a working relationship with clients to address social problems. The practitioner works with members of a client system to define the specific changes necessary and together they work to construct new social arrangements that will solve or reduce the impact of the problem. This text outlines and illustrates, with the help of Application Boxes, figures and tables, various approaches to problem-solving. It discusses the various steps in problem-solving from problem assessment, development of objectives and targets for change, to the implementation and evaluation of interventions. A final chapter is devoted to an examination of how principles of ethics apply at different levels of intervention and some of the ethical issues in sociological practice. The book is primarily written for sociology students at the upper division [...] 

Features
The well-respected first edition of this classic book on clinical sociology has been thoroughly updated and revised in this second edition. Incorporates new case studies based on the authors' experiences completely new chapter.

Contents

Fields of interest
Sociology, Social Work.

Target groups
Clinical sociologists, and those teaching graduate level classes in clinical sociology; those in social work and other areas of sociology that are applied.

Type of publication
Graduate/advanced undergraduate textbook

Due September 2007

Originally published in the series: Clinical Sociology

46,95 €

The Taking and Displaying of Human Body Parts as Trophies by Amerindians

The Amerindian (American Indian or Native American -- reference to both North and South America) practice of taking and displaying various body parts as trophies has long intrigued both the research community as well as the public. As a subject that is both controversial and politically charged, it has also come under attack as a European colonists' perspective intended to denigrate native peoples. What this collection demonstrates is that the practice of trophy-taking predates European contact in the Americas but was also practiced in other parts of the world (Europe, Africa, Asia) and has been practiced prehistorically, historically and up to and including the twentieth century. This edited volume mainly focuses on this practice in both North and South America. The editors and contributors (which include Native Peoples from both continents) examine the evidence and causes of Amerindian trophy taking as reflected in osteological, archaeological, ethnographic and ethnographic accounts. [...] 

Features
Filling the gap in literature on Amerindian human trophy taking, it is remarkable that there has been only one previous (and now dated) scholarly work specifically addressing this topic on a continent-wide basis. This volume will fill the gap in the literature. Presents cases of this practice throughout North and South America. Demonstrates that evidence of this phenomenon can be found in many other cultures and [...] 

Contents

Fields of interest
Archaeology, Anthropology, Regional and Cultural Studies.

Target groups
Scholars in the field of Amerindian research covering Archaeology, Anthropology, Culture Studies, Minority Studies and Sociology, those who study Violence and Warfare.

Type of publication
Contributed volume

Due May 2007

114,95 €

Due May 2007
The Sociology of Loyalty

The sociology of emotions is currently a significant field of research but loyalty has not been addressed directly by emotions theorists. This proposed book would take the concept of loyalty (What is loyalty? How does it fit into the study of emotions? What are the different types of loyalty? etc.) and place it in the sociology of emotions field. By drawing on current theorists, current and historical examples (including the areas of family, nation, sports, etc.) the book clearly establishes the components of loyalty and its place within in the theories of emotion. Additionally it develops the theoretical understanding of emotions by taking a previously ignored – yet highly topical – emotion and placing it within the theoretical perspective. Specifically, this book explains loyalties: why we have them and what they do for us and society. It also places loyalty into the study of emotions such as trust and shame.

Features

The field of loyalty has not been addressed directly by emotions theorists though it is an attractive subject for researchers in a variety of fields, including sociology, psychology, business and economics. Explains loyalties: why we have them and what they do for us and society. Incorporates contemporary as well as historical examples.

Contents


Fields of interest

Sociology

Target groups

Professionals and researchers in the disciplines of sociology, psychology, business and economics

Type of publication

Monograph

Due July 2007

Multilevel Synthesis

From the Group to the Individual

This book presents a historical panorama of the evolution of demographic thought from its eighteenth-century origins up to the present day, and uses it to demonstrate how the multilevel approach can resolve some of the contradictions that have become apparent and achieve a synthesis of the different approaches employed. Part one guides the reader from period analysis to multilevel analysis, examining longitudinal and event history analysis on the way. Part two is a detailed account of multilevel analysis, its methods, and the relevant mathematical models notably as regards the type of variables being used. Numerous examples, examined across successive sections, make the book clear and easy to follow. The theoretical and epistemological treatment of these problems, during which the foundations of sociology and demography are revisited, and the logical development that leads to the most recent approaches, is handled sufficiently rigorously to satisfy social science specialists while remaining [...]
The GeoInfo series of scientific conferences is an annual forum for exploring research, development and innovative applications in geographic information science and related areas. This book provides a privileged view of what is currently happening in the field of geoinformatics, and a preview of what could be the hotter developments and research topics a few years from now. Additionally, it includes recent research results on spatial databases, spatial ontologies, computational geometry and visualization for geographic information systems, geostatistics and spatial statistics, spatial analysis, interoperability, and innovative applications of geotechnologies.

Features

Presents a number of advancements in the field of Geoinformatics

Contents

Computational Geometry and Visualization.- Spatial Databases.- Spatial Ontologies and Interoperability.- Distributed GIS/GIS and the Internet.- Geostatistics, Spatial Statistics and Spatial Analysis.- Analysis.

Fields of interest

Geoinformation/ Cartography; Computer Applications in Geosciences

Target groups

Scientists and researchers in the field of GIS and computer sciences

Type of publication

Monograph

Due August 2007


129.95 €
ISBN 978-3-540-73413-0

Designing an All-Inclusive Democracy

A revolution that is not just a majority. This book describes the voting procedures by which majority rule may be replaced by a more consensual system of governance. In a word, such an inclusive politics can be achieved by asking the voters or, more usually, their representatives in councils and parliaments, to state their preferences, so to facilitate the identification of that option which gains the highest average preference score. The first part of the book describes three different voting procedures, the Modified Borda Count, the Quota Borda System and the Matrix Vote, and gives a number of hypothetical examples, all clearly depicted in tables. In the second part, the voting mechanisms are discussed against the background of the theory of voting, social choice theory, human rights and mediation practice. The book includes a foreword by Sir Michael Dummett and contributions by Elizabeth Meehan, Hannu Nurmi and Maurice Salles, among others.

Features

This book describes consensual forms of voting and seeks to destroy the myth that politics must be adversarial. Numerous examples, clearly depicted in tables, illustrate the different voting procedures. Theoretical analysis by renowned scientists from social choice theory.

Contents

Towards an Inclusive Democracy: Collective Decision-making.- Electing a Pluralist Parliament.- Electing a Power-sharing Executive.- The Art or Science of Voting.- The Matrix Vote, and gives a number of hypothetical examples, all clearly depicted in tables. In the second part, the voting mechanisms are discussed against the background of the theory of voting, social choice theory, human rights and mediation practice. The book includes a foreword by Sir Michael Dummett and contributions by Elizabeth Meehan, Hannu Nurmi and Maurice Salles, among others.

Fields of interest

Anthropology; Archaeology; Geology; Paleontology

Target groups

Archaeologists, paleoanthropologists, paleontologists, geologists and ecologists

Type of publication

Monograph

Due May 2007


94.95 €
The European Information Society
Leading the Way with Geo-information

This book presents a state-of-the-art overview of ongoing GI Science research, as presented at the 10th Conference of the Association of Geographic Information Laboratories for Europe (AGILE), held in Aalborg, Denmark. Included are 28 fully peer-reviewed papers covering basic GI Science research themes such as interoperability, geo-ontology, data representation, usability, and data quality; technological advancements (i.e., spatial web services and spatial data infrastructures); as well as applied research on environmental modeling and management, including mobile and collaborative applications.

Contents
- GI Education in Europe
- Advances in Applied GI Research
- Advanced GI Technologies
- State-of-the-Art in GI Basic Research

Fields of interest
- Geoinformation/Cartography
- Computer Applications in Geosciences

Type of publication
Monograph

Due July 2007

Women and the Mafia
Female Roles in Organized Crime Structures

Where is a woman’s place in the mob? Does she even have one? Is the rise in women’s involvement in organized crime the darker side of their increased presence in the legitimate workplace, or simply a reworking of the mafia’s traditional male attitudes cloaked in the guise of women’s emancipation? The insightful essays in Women and the Mafia seek to answer these questions from a wide range of academic disciplines and trace the portrait of women tied to organized crime in Italy and around the world. This book pulls back the code of silence and shines a light on the dark image of women entangled in organized crime. The surprising first hand accounts of mafia women in Italy not only reveal women in power, “generals in skirts”, but also tales of severe abuse and violence against women. The book introduces us to the professional women of the Argentine ‘mafia state’, Albanian human traffickers, spies for the Russian mob, runners for Brazilian numbers rackets, and the mystique of the American gangster moll.

Contents
- Introduction
- Section 1.- Women in the Neapolitan Camorra 1950-2000
- Mafia Women: The affirmation of a female pseudo-subject
- The case of the ‘Ndrangheta
- Women in the ‘Ndrangheta: The Serraino-Id Giovanni Case
- Women in the Sacra Corona Unita
- Symbolic domination and active power: Female roles inside criminal organizations
- Women in mafia organizations
- Women and other mafias
- Section 2.- Visibility of the female figure in the mafia universe: An investigation through a press review over a twenty-year period
- Section 3.- Women in organized crime in Albania
- Women in organized [...]
Allocating Public and Private Resources across Generations

In rapidly industrializing countries, demographic changes continue to have significant effects on the well-being of individuals and families, and as aggregate human and financial capital. These effects may be analyzed in terms of inter-generational transfers of time, money, goods, and services. The chapters in this volume greatly develop our understanding of the nature and measurement of transfers, their motives and mechanisms, and their macro-level dimensions, especially in the context of demographic transitions. The chapters include original empirical analyses of datasets from some twenty countries taking the reader beyond the American context in order to test the applicability of some of the theories developed on the basis of American data. They extend the traditional analysis of inter-generational transfers by examining different types of transfers, namely goods, money, assets, time, co-residence and visits. Furthermore, the chapters go beyond the study of traditional parent – child transfers [...]

Features
Examines the issue of intergenerational transfers across a wide range of countries Allows us to test the applicability of some of the theories developed on the basis of American data to other social, political and economic contexts Extends the traditional analysis of inter-generational transfers by examining different types of transfers, namely goods, money, assets, time, co-residence and visits The chapters go beyond the study of traditional parent – child transfers [...]

Contents

Fields of interest
Demography; Aging; Methodology of the Social Sciences; Sociology

Target groups
Demographers, public policy researchers and analysts, economists, sociologists, strategic planners

Type of publication
Contributed volume

Due August 2007

Democracy in an Age of Globalisation

In Democracy in an Age of Globalisation, Otfrid Höffe develops a comprehensive analysis of the demands, which the process of globalization exerts on the political organizations of humanity. The author starts from a diagnosis of the process of globalization and frees its concept from its economic narrowing: Globalisation is a comprehensive process which puts new strains on the economies and political systems of the world, the cultural and social structures of peoples. The scope of its challenges demands solutions, which transcend the powers of the classical nation-state. The question central to the book can be formulated as follows: “How can the social, moral and legal achievements of the nation-state be retained while its structure is reshaped to satisfy the requirements of a globalised world?”

Features
Comprehensive treatment of the philosophical foundations of globalisation Theory is placed in a profound historical and systematic context Institutional conclusions of great specificity

Contents
Preface. - The Challenges of our times. - Part One: Qualified Democracy. 2 Consent out of advantage. 3 Principles of justice. 4 Public powers. 5 Subsidiarity and federalism. 6 The demise of the state? 7 From subject to citizen. - Part Two: A subsidiary and federal world republic. 8 A look at history. 9 A world order without a world state? 10 The complementary world republic. 11 Against a global Leviathan. 12 Global civic virtues. - Part Three: Institutions and responsibilities. 13 Peace and the rule of law. 14 Self-determination, secession and intervention. 15 A global social and [...]

Fields of interest
Political Philosophy; Political Science

Target groups
Anyone interested in philosophy, globalisation, and political science

Type of publication
Monograph

Due July 2007


27,94 €
ISBN 978-3-03778-119-7

124,95 €
ISBN 978-1-4020-5660-4
Democracy in an Age of Globalisation

In "Democracy in an Age of Globalisation", Otfrid Höffe develops a comprehensive analysis of the demands, which the process of globalization exerts on the political organisations of humanity. The author starts from a diagnosis of the process of globalisation and frees its concept from its economistic narrow- ing: Globalisation is a comprehensive process which puts new strains on the economies and political sys- tems of the world, the cultural and social structures of peoples. The scope of its challenges demands solu- tions, which transcend the powers of the classi- cal nation-state. The question central to the book can be formulated as follows: "How can the social, moral and legal achievements of the nation-state be retained while its structure is reshaped to satisfy the requirements of a globalised world?"

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Fields of interest
Political Philosophy; Political Science

Target groups
Anyone interested in philosophy, globalisation, and political science

Type of publication
Monograph

Due July 2007

24,95 €
ISBN 978-1-4020-5661-1

Past Meets Present

In the face of an increasing public interest and de- mand for information, archaeologists are starting to collaborate with historians, educators, interpreters, museum curators, exhibit designers, landscape ar- chitects, and other cultural resource specialists to de- vite the best strategies for translating an explosion of archaeological information for the public. In turn, some communities are partnering with archaeolo- gists to become active players in the excavation, inter- pretation, and preservation of their heritage. The last decade has witnessed numerous applications of public interpretation and outreach models and an in- creased interest in establishing partnerships between professional practitioners in public interpretation and educational institutions such as museums and schools. These developments have occurred in the context of a realization that community-based part- nerships are the most effective mechanism for long- term success. It is clear that there is a need for a vol- ume that addresses these […]

Features
Brings together cases of public interpretation of cul- tural heritage Only a few publications (one by the co- editor Jameson) on public interpretation of archaeol- ogy The contributors are international representing the UK, Australia, Canada as well as the US

Contents

Fields of interest
Archaeology; Cultural Heritage

Target groups
Archaeologists, both academic and professional, and those who work in public interpretation (museum workers, exhibit designers, Park Service workers)

Type of publication
Contributed volume

Due May 2007

109,95 €

Out of the Blue

The spectacle of archaeology stirs the public inter- est like few other topics. Sowing the "detective sto- ry", finding the missing pieces of the puzzle, under- standing an instilled sense of identity, making con- nections to the material culture, following the glob- al discourse on heritage protection and conservation (i.e. the Elgin Marbles) – are all part of the nexus of cultural values that define the meaning of archaeol- ogy to individuals and to the public at large. Along with the debates archaeological sites are also often in view of the public – on land, as well as, underwater. Maritime cultural resources encompass sites that, be- cause of their (often) proximity to urban or traveled areas (harbors, rivers, ports) are easily damaged but not easily visible. This leads to special challenges to site management regarding conservation, protection, and enforcement of legal mandates for public educa- tion outreach and interpretation. The editors have brought together state of the art ideas, research and […]

Features
Many archaeologists – both academic and profes- sional – work with sites that are open or in view of the public While there are several books in the field of protection and heritage protection for terrestrial archaeology, there are very few resources for archae- ologists working with maritime and submerged cul- tural heritage This book is a collection of ideas, re- search and scholarship associated with maritime […]

Contents

Fields of interest
Archaeology; Cultural Heritage

Target groups
Archaeologists and cultural resource managers working at governmental departments, museums, educational facilities, and public spaces; general pub- lic interested in the significance of these cultural sites

Type of publication
Contributed volume

Due April 2007

76,95 €
New Perspectives in Political Ethnography

The use of ethnographic research - social research based on the observation of individuals or institutions where the researcher becomes part of the group or very close to the group to better understand their actions - is becoming more and more of a prevalent methodology within sociology. As ethnography gains prominence within the discipline its focus, theoretical underpinnings and narrative styles are also expanding to the yet-unexamined worlds and institutions of society. Politics, political institutions, and those working in politics (state officials, politicians and activists) have so far missed the lens of the ethnographer. As a group, politicians and those in politics can be found in every corner of the world. While political systems and politicians are by no means the same in every country, what brings these people together to be part of the political process? Ethnography is uniquely equipped to look microscopically at the foundations of political institutions and their attendant sentiment.

Features
- The first ethnographic study of politicians and political systems
- Global case studies focusing on various groups within the local political systems
- Part of the growing trend in expanding ethnographic research into new worlds of interest

Contents

Fields of interest
- Sociology; Political Science; Anthropology

Target groups
- This international collection of case studies will be of interest to those in political sociology, political science and those in ethnographic research

Type of publication
- Contributed volume

Due September 2007

Handbook of Social Movements Across Disciplines

Researchers and students from divergent academic disciplines share an interest in the study of social movements and collective action. Through a variety of disciplinary approaches and techniques, researchers seek to understand the emergence and development of collective action. In the last few decades, the field of social-movements-studies has proliferated enormously, covering a wide array of movements, issues and places. With this growth, social movement scholars have criticized the traditional vision of collective mobilization as the results of irrational behavior and have instead developed a range of new approaches. The expansion of the field has also led to increased theoretical debates and attempts to synthesize the different perspectives. But these attempts have met with the obstacle of the field being multidisciplinary. Discussion a theory from many areas of research can lead to misunderstandings.

Features
- Provides a comprehensive guide that includes all the major disciplines
- Discusses each new one and what it brings to the cross-disciplinary research
- Provides updated data on social movements from each discipline discussed

Contents
- Introduction: Richness of Perspectives
- Disciplinary Approaches to Collective Behavior
- Political Science: The Political Behavior of Social Movements
- Movement Strategies
- How Political Structures Affect Mobilization Patterns
- Sociology: Structuralist chapter
- Culturalist chapter
- Social Psychology
- Why and Whom: Motivation
- Collective Identity
- Interaction within Movements
- Anthropology
- Culture and Movements
- How Culture Affects Movements
- Social Movement (sub)cultures

Fields of interest
- Sociology

Target groups
- Researchers, students, and professionals

Type of publication
- Professional book

Due August 2007

2007, VII, 328 p. 14 illus. (Handbooks of Sociology and Social Research series) Hardcover

154.95 €

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- Culturalist chapter
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- Why and Whom: Motivation
- Collective Identity
- Interaction within Movements
- Anthropology
- Culture and Movements
- How Culture Affects Movements
- Social Movement (sub)cultures

Fields of interest
- Sociology

Target groups
- Researchers, students, and professionals

Type of publication
- Professional book

Due August 2007

2007, VII, 328 p. 14 illus. (Handbooks of Sociology and Social Research series) Hardcover

154.95 €
Modelling Land-Use Change

Progress and Applications

The use of land changes over time as both natural and man-made environments are influenced by the pressures associated with the processes of development. The demand for land for new residential housing has been a huge challenge for governments striving to protect greenfield sites across Europe in recent years, whilst regeneration has been a common response to the decline of manufacturing in the old industrial heartlands. The variety of forces that drive change in the use of land are extensive and complex, including spatial planning policies designed at local, regional, national and supra-national levels. In order to understand the mechanisms of change and the impact of policies, the formulation, calibration and testing of models is required. Land-use change models help us to understand the complexities and interdependencies of the components that constitute spatial systems and can provide valuable insights into possible land-use configurations in the future. Models of land-use change incorporate [...] Features

Full cross-sectional overview of current research progress in land-use modelling, ranging from methodology and model calibration to applications of policy implementation and evaluation. Combinations of academic and applied research contributions International mix of theoretical and practical perspectives in different case study perspectives

Contents

Fields of interest
Landscape/Regional and Municipal Planning; Computer Applications in Geosciences; Geoinformation/Cartography; Math. Applications in Geosciences; Quantitative Geography

Target groups
Researchers, practitioners, undergraduate and postgraduate students with interests in geography, environmental studies, economics, regional science, land management and planning

Type of publication
Contributed volume

Due March 2007

149,95 €

Modelling Land-Use Change

Progress and Applications

Models of land-use change incorporate a vast amount of knowledge from a wide range of disciplines. Geography contributes to the understanding of land-use change whilst demography and economics help explain underlying trends. This book offers a cross-sectional overview of current research progress that allows the construction of successful land-use models. The contributions range from methodology and calibration to actual applications in studies of recent policy implementation and evaluation. The contributors originate from academic and applied research institutes around the world and thus offer an interesting mix of theory and practice in different case study contexts. In summary, land-use change simulation modelling is a relatively new and dynamic field of study and this book provides a full overview of the topic, a wide range of applications (both geographically and thematically), a mix of theory and practice, a synthesis of recent research progress, and educational material for students and teachers.

Features
Full cross-sectional overview of current research progress in land-use modelling, ranging from methodology and model calibration to applications of policy implementation and evaluation. Combinations of academic and applied research contributions International mix of theoretical and practical perspectives in different case study perspectives Educational material is provided on a CD that includes demonstration [...] Features

Omits timely research about one of the most important public policy initiatives related to family well-being in recent years. Paced at the edge of an important and uncharted policy experiment, this book sheds light on the debate about family policies’ ultimate effects on family well-being. Offers sound scientific knowledge and reasoned review of the information that should guide policy activity in this [...] Contents
Sociology

Target groups
Sociologists and psychologists working with family studies are the main target group for this book, policy makers, policy analysts, and family advocates in the public, private and non-profit sectors

Type of publication
Professional book

Due July 2007

2007. XVI. 238 p. Softcover
34,95 €
Qualitative Indicators of Labour Standards
Comparative Methods and Applications

Recent years have witnessed a rapidly growing interest in the use and construction of “qualitative” indicators of labour standards. Qualitative indicators, while generally having numerical values, are based on such methods as grading by experts, the coding of legislation, and the coding of other textual sources addressing violations of a more de facto nature. Measuring compliance with labour standards is an undertaking intrinsically fraught with difficulty. For there are a number of possible sources of measurement error, both random and non-random, that are unique to such indicators, on top of those that affect qualitative and quantitative indicators alike. The growing use of qualitative indicators of labour standards thus raises a number of questions about comparative methods of construction as well as the appropriateness of particular methods for particular applications. This volume results from a seminar that was organized to address these and related questions.

Features
The only existing volume that brings together papers describing a wide range of alternative methods of constructing qualitative indicators of labour standards Provides a unique comparative critique of strengths and limitations of different methods of constructing qualitative indicators of labour standards with reference to different applications Brings together leading academic experts with ILO experts as [..]

Contents

Fields of interest
Social Sciences; International & Foreign Law; Statistics for Social Science, Education, Public Policy, and Law; Law and Economics

Target groups
Researchers interested in the determinants and impacts of labour standards as well as the relationships among different aspects of labour standards, such as the effect of de jure on de facto standards; social scientists interested in construction and application of social indicators; policy makers interested in monitoring developments in labour standards

Type of publication
Contributed volume

Due May 2007
GIS for Health and the Environment
Development in the Asia Pacific Region

The book is a compilation of methodological and application developments in spatial epidemiological approaches for environmental and public health studies in the Asia Pacific region. It is intended for practitioners in the field, including geospatial experts, practicing epidemiologists, medical doctors, environmentalists and public health physicians concerned with the impact of environmental exposures on the health of population.

Features
There has been a shortage of materials to document the developments of health GIS in the Asia Pacific region. The proposed book will fill the gap and also inform the direction of research paths and agenda in the subject matter.

Fields of interest
Computer Applications in Geosciences; Geoinformation/Cartography; Information Systems and Communication Service

Target groups
Practitioners in the field, including geospatial experts, practicing epidemiologists, medical doctors, environmentalists, toxicologists, statisticians, and public health physicians concerned with the impact of environmental exposures on the health of populations.

Type of publication
Monograph

Due July 2007

Neo-Liberalism, State Power and Global Governance

The volume explores the relationship between neoliberalism, state power and global governance. It seeks to show how neo-liberalism has failed to deliver a framework for state power and global governance capable of delivering stability and enduring prosperity. It also contends that the role of politics in general, and the state and global governance in particular, should be defined more broadly than the simple neo-liberal construction of institutions for the market. Part One explores the pattern of national differences in the exercise of state power in a variety of industrialized and developing economies, despite the pressure to converge towards the dominant neo-liberal paradigm. Part Two analyses a variety of trans-national policy prescriptions for neo-liberalism and state power. Part Three explores whether the governance of labour markets is a special case in the global economy. Part Four sets out the need for institutional reform of the neo-liberal order in trade and finance. The volume [...] 

Features
Provides in a single volume an evaluation of neo-liberalism as a basis for state power. Provides in a single volume an evaluation of neo-liberalism as a basis for global governance. Provides concise case studies of North American, European and emergent market economies.

Contents

Fields of interest
Political Science; Economic Policy; Political Philosophy; Social Policy

Target groups
Undergraduate or postgraduate students taking modules in politics and international relations, and seeking an introduction to the theory and impact of neo-liberalism upon state power and global governance; and the general reader interested in globalization and its impact upon the role of the state.

Type of publication
Contributed volume

Due September 2007

Geomatics Solutions for Disaster Management

Natural and anthropogenic disasters have caused a large number of victims and significant social and economic losses in the last few years. There is no doubt that the risk prevention and disaster management sector needs drastic measures and improvements in order to decrease damage and save lives of inhabitants. Effective utilization of satellite positioning, remote sensing, and GIS in disaster monitoring and management requires research and development in numerous areas: data collection, access and delivery, information extraction and analysis, management and their integration with other data sources (airborne and terrestrial imagery, GIS data, etc.), data standardization, organizational and legal aspects of sharing of remote sensing information. This book provides researchers and practitioners with a good overview of what is being developed in this topical area.

Features
This book provides researchers and practitioners with a good overview of what is being developed in the risk prevention and disaster management sector.

Fields of interest
Geoinformation/Cartography; Remote Sensing/Photogrammetry; Computer Applications in Geosciences; Information Systems and Communication Service

Target groups
Researchers and Practitioners in the fields of GIS and Computer Applications in Geosciences

Type of publication
Contributed volume

Due May 2007
The Long View of Crime: A Synthesis of Longitudinal Research

Criminology is concerned with many questions which are inherently longitudinal. For example, what is the life-course of criminal behavior? Is there one general offending pattern or multiple offending patterns over time? Which early risk factors, if any, are strongly predictive of criminal behavior? Can early intervention prevent the development of a criminal career? Longitudinal research allows examination of within-person relationships over time, and allows the examination of developmental sequences and timing. This volume examines longitudinal research in relation to crime and delinquency. The main body of Longitudinal Studies on Crime and Delinquency is seven reviews, which were commissioned to answer two simultaneous questions: What have we learned from recent longitudinal research on crime and delinquency that (a) we did not know before, and (b) that capitalizes on the longitudinal nature of the data? Topics for review were chosen with an eye to three considerations: (a) a critical mass of [...] Features

Answers a Key Question in Criminology: What have we learned from recent longitudinal studies of crime and delinquency? Includes a synthesis of longitudinal studies in criminology over the last 25 years. Brings together prominent scholars in criminology to discuss theory, methodology, and impact of longitudinal studies in criminology

Contents


Criminology & Criminal Justice; Personality & Social Psychology; Methodology of the Social Sciences; Social Sciences

Target groups

Criminologists and social researchers studying in the fields of crime and delinquency

Type of publication

Contributed volume

Due August 2007

Multilateralism, Regionalism and Bilateralism in Trade and Investment

Global governance is a concern of not only global organisations but also of all individual states and of regional co-operation agreements among sovereign states. In 2001, the United Nations University has launched UNU-CRIS, a research and training programme on comparative regional integration to study the role of regional integration in global governance. The present first volume of the World Report on Regional Integration is a timely product of the research undertaken at UNU-CRIS. This new series of World Reports will certainly contribute to the discussion on the interaction between regional and global governance. And by bringing together insights from different parts of the UN system, in particular the five UN regional economic commissions and UNCTAD, this report will also contribute to a better understanding of the role of regions in the UN. (Hans van Ginkel, Under-Secretary-General of the United Nations and Rector of UNU) The World Report on Regional Integration brings together a well-balanced [...] Features

Unique collaboration between all regional UN Economic Commissions Report focuses on one of the central issues in the debate on global governance Written by a balanced and interdisciplinary group of experts Worldwide coverage of issues

Contents


Political Science; International Economics; Development Economics; Human Geography

Target groups

Policy-makers at national, regional, global levels; academics, students, think-tanks

Type of publication

Contributed volume

Due August 2007

Introduction to Applied Bayesian Statistics and Estimation for Social Scientists

"Introduction to Applied Bayesian Statistics and Estimation for Social Scientists" covers the complete process of Bayesian statistical analysis in great detail from the development of a model through the process of making statistical inference. The key feature of this book is that it covers models that are most commonly used in social science research - including the linear regression model, generalized linear models, hierarchical models, and multivariate regression models - and it thoroughly develops each real-data example in painstaking detail. The first part of the book provides a detailed introduction to mathematic statistics and the Bayesian approach to statistics, as well as a thorough explanation of the rationale for using simulation methods to construct summaries of posterior distributions. Markov chain Monte Carlo (MCMC) methods - including the Gibbs sampler and the Metropolis-Hastings algorithm - are then introduced as general methods for simulating samples from distributions. Extensive [...] Features

First book written at an introductory level for social scientists interested in learning about MCMC

Contents


Methodology of the Social Sciences; Statistics for Social Science, Education, Public Policy, and Law; Demography

Target groups

Social scientists

Type of publication

Monograph

Due August 2007


59,95 € ISBN 978-1-4020-5950-6
University Dynamics and European Integration

The European University is under stress. It has become commonplace to argue that radical reforms are needed. The claim is that while environments are changing rapidly, European universities do not learn, adapt and reform themselves fast enough. Reform plans comprise the purposes of universities, i.e. definitions of what the University is, can be and should be, criteria for quality and success, the kinds of research, education, services and innovation to be produced, and for whom. Reform plans also include the universities’ organization and financial basis, their governance structures, who should influence the future dynamics of universities, and according to what principles. In contrast, it can be argued that the currently dominant reform rhetoric is only one among several competing visions and understandings of the University and its dynamics. What is at stake is “what kind of University for what kind of society” and which, and whose values, interests and beliefs should be given priority in [...]
Multifunctional Land Use

Meetings in the Field of Systems Science, Public Policy and Technology, Vol. 3

Social Sciences 15

Due March 2007

J. McIntyre-Mills, Flinders University, Adelaide, SA, Australia (Ed.)

Systemic Governance and Accountability

Working and Re-working the Conceptual and Spatial Boundaries

Systemic Governance addresses accounting and accountability and develops conceptual tools to enhance the capacity of policy makers and managers. The structures and processes of international relations and governance need to be re-considered to allow diversity to the extent that it does not undermine the freedoms of others. The book makes a plea for systemic governance. Policy makers and managers need to work with rather than within theoretical and methodological frameworks to achieve multidimensional and multilayered policy decisions. Conceptual tools can be used to enhance systemic governance. The closest we can get to truth is through compassionate dialogue that explores paradoxes and considers the rights and responsibilities of caretakers. Case studies and conceptual tools enliven the text.

Features
- Interdisciplinary approach involving the social, economic, environmental and political dimension of land use, scientific basis for decision making and policies on European, national and regional level
- Theoretical background and concepts
- Implementation of multifunctional land use
- Monitoring, modelling and assessing multifunctional land use
- Case studies for implementation of multifunctional land use

Fields of interest

Type of publication
- Monograph

Due March 2007

We are on the verge of what many are calling the "second information revolution," based on ubiquitous access to both computing and information. Handheld communication devices will become portable and even wearable remote control devices for both the social and physical worlds. At the same time, access to information will likely flourish, with an explosion in the volumes of data collected and distributed by these new devices - volumes of information about people delivered to more and more people, in new ways. The technologies of instant access have potential to transform dramatically our lives, cities, societies and economies much like the railroad, telephone, automobile and Internet changed our world in the previous ages. This book contains chapters by leading international experts who discuss issues surrounding the impact of instant access on cities, daily lives, transportation, privacy, social and economic networks, community and education.

Features
- Up-to-date and current regarding wireless information technologies
- Multidisciplinary Relevant for scholars and practitioners

Contents
- Section I. Introduction
- Section II. Cities and the Built Environment
- Section III. Activities in Space and Time
- Section IV. Transportation
- Section V. Mobile Information Services
- Section VI. Social and Economic Networks
- Section VII. Community

Fields of interest
- Geography, Information Systems Applications (incl. Internet), Human Geography, Urbanism

Target groups
- Scholars in Geography, Urban Studies, Sociology, Communication, Information Science, Transportation Science, History of Technology, Education, Political Science

Type of publication
- Monograph

Contributed volume

Due March 2007


124,95 €
ISBN 978-1-4020-5426-6
Quality of Life in Old Age
International and Multi-Disciplinary Perspectives

This volume brings together leading researchers on quality of life in old age to focus on one of the most important issues in both gerontology and quality of life studies. Quality of life is a holistic construct and assessed from many different perspectives and by many disciplines. Moreover, the concept of quality of life can be applied to practically all important domains of life. Thus, quality of life research has to include social, environmental, structural, and health related aspects and be approached from an interdisciplinary perspective. Recently research in gerontology has begun to systematically study quality of life - following the WHO dictum: ‘years have been added to life and now the challenge is to add life to years’ - however there are very few texts available on this topic and none of an international and multi-disciplinary nature. Quality of life studies have neglected older people and, given the size and growth of this population, it is time to publish a volume on this topic that [...]”

Features
- Comprehensive, covers essential components of quality of life International and multidisciplinary perspectives
- Authors are leading experts in the field of quality of life
- First volume of this kind
- Practical and theoretical aspects

Contents
- From the contents: Understanding Quality of Life in Old Age: International and Multi-Disciplinary Perspectives on Quality of Life in Old Age: Conceptual Issues
- Quality of Life in Older Age: What Older People Say: Are We Measuring the Right Things?
- Key Aspects of Quality of Life: Well-Being, Control and Ageing
- An Empirical Assessment
- Social Resources
- Economic Resources and Subjective Well-Being in Old Age
- Quality of Life in Old Age, Inequality and Welfare State Reform
- An Empirical Comparison between Norway, Germany and England
- Environmental Aspects of Quality of Life in [...]

Fields of interest
- Sociology: Quality of Life Research
- Behavioural Sciences: Geriatrics/Gerontology
- Aging

Target groups
- Researchers, lecturers, students, practitioners in social and behavioural sciences, gerontology, social indicators and quality of life research, social policy, sociology

Type of publication
- Contributed volume

Due May 2007

Geographic Uncertainty in Environmental Security

Features
- Rare collection of scientists specializing in environmental security and protection
- Unique NATO and NATO partner countries will not be duplicated
- Researchers in GIS fuzzy logic, environmental science, rough sets and spatial databases

Contents
- Preface and acknowledgement
- Resolution of Ukrainian sponsor and workshop participants
- 1. Fuzzy regions: theory and applications
- 2. Mapping the ecotone with fuzzy sets
- 3. Issues and challenges of incorporating fuzzy sets in ecological modeling
- 4. Reliability of vegetation community information derived using decorana ordination and fuzzy c-means clustering
- 5. A rough set-based approach to handling uncertainty in geographic data classification
- 6. Fuzzy models for handling uncertainty in the integration of high resolution remotely sensed data and GIS
- 7. Incompleteness, error

Fields of interest
- Computer Applications in Geosciences
- Geoinformation/Cartography
- Environmental Computing/Environmental Modelling
- Math. Appl. in Environmental Science
- Monitoring/Environmental Analysis
- Environmental Ecotoxicology

Target groups
- GIS specialists
- Fuzzy database researchers
- Environmental security analysts

Type of publication
- Proceedings

Due September 2007

139,95 € ISBN 978-1-4020-6436-4

59,95 € ISBN 978-1-4020-6437-1
Critical Infrastructure
Reliability and Vulnerability

This text brings together differing geographic perspectives in modeling and analysis in order to highlight infrastructure weaknesses or plan for their protection. International scholars, from a variety of disciplines – geography, regional science, planning, public policy, operations research, mathematics, computer science, engineering and transportation - offer varying perspectives on this subject. This text is an important contribution offering synthesis and new methodological approaches. The purpose of this volume is to explore the potential consequences of critical infrastructure failure, stemming from both man-made (e.g., terrorist attacks) and natural disasters (earthquakes, hurricanes, etc.). The approaches employed are wide-ranging, including geographic, economic and social perspectives on critical infrastructure issues.

Fields of interest
Regional Science; Landscape/Regional and Municipal Planning; Quantitative Geography; R & D/Tech-nology Policy

Target groups
Scientists in Geography, Regional Science, Planning, Public Policy, OR, Computer Science, Engineering and Transportation; practitioners responsible for critical infrastructure

Type of publication
Monograph

Due March 2007

2007. VIII, 311 p. (Advances in Spatial Science) Hardcover
84,95 €
ISBN 978-3-540-68055-0

Transdisciplinary Challenges in Landscape Ecology and Restoration Ecology - An Anthology

Capitalizing on forty years of intensive ecological studies, this anthology presents a collection of widely dispersed major publications on theoretical and practical Mediterranean, global environmental and landscape issues. Each chapter features a comprehensive study of ecological and landscape issues, synthesized in the introduction, and woven with autobiographical experiences. The concluding chapter calls for a transdisciplinary shift in all environmental scientific fields and particularly in landscape and restoration ecology, to cope with the complex, closely interwoven ecological, socio-economic, political and cultural crises facing human society during the present crucial transition from the industrial to the post-industrial, global information age. Updating and broadening the scope of the groundbreaking Springer book on Landscape Theory and Applications by the author and Lieberman (1994), this is a unique transdisciplinary attempt based on advanced systems complexity theories, which link [...]

Fields of interest
Landscape Ecology; Landscape/Regional and Municipal Planning; Ecology; Biodiversity; Ecosystems; Environmental Management

Target groups
Landscape ecologists and restoration ecologists, landscape historians, anthropologists and everyone dealing in research and/or teaching with landscapes, students and graduate students, ecologists, geographers, regional and landscape planners, conservationists, landscape managers, foresters, environmentalists, scientists in natural science, social sciences and humanities

Type of publication
Monograph

Due March 2007

139,95 €
Applied Remote Sensing for Urban Planning, Governance and Sustainability

Despite the promising and exciting possibilities presented by new and fast-developing remote sensing technologies applied to urban areas, there is still a gap perceived between the generally academic and research-focused spectrum of results offered by the "urban remote sensing" community and the application of these data and products by the local governmental bodies of urban cities and regions. While there is no end of interesting science questions that we can ask about cities, sometimes these questions don’t match well with what the operational problems and concerns of a given city are. The authors present data from six urban regions from all over the world. They explain what the important questions are, and how one can use data and scientific skills to help answer them.

Features
High spatial and spectral resolution image data Includes various urban case studies Evaluation of the potentials of remote sensing of urban areas

Contents

Fields of interest
Geoinformation/Cartography; Landscape/Regional and Municipal Planning; Geocology/Natural Processes; Environmental Computing/Environmental Modelling

Target groups
Scientists, researchers; institutes, libraries (landscape and urban planning, geography, remote sensing, geoinformation, environmental sciences); governmental bodies of cities and regions

Type of publication
Monograph

Due July 2007

Digital Terrain Modelling
Development and Applications in a Policy Support Environment

This publication is the first book on the development and application of digital terrain modelling for regional planning and policy support. It is a compilation of research results by international research groups at the European Commission’s Joint Research Centre, providing scientific support to the development and implementation of EU environmental policy. Applications include the pan-European River and Catchment Database, European Flood Alert System, European Digital Soil Database and alternative solar energy resources, all discussed in a GIS framework in the context of the INfrastructure for Spatial InfoRmation in Europe (INSPIRE). This practice-oriented book is recommended to practicing environmental modellers and GIS experts working on regional planning and policy support applications.

Features
First book on the development and application of digital terrain modelling for regional planning and policy support

Contents

Fields of interest
Geoinformation/Cartography; Computer Applications in Geosciences; Information Systems and Communication Service

Target groups
Practitioners and professionals in the fields of digital terrain modelling, GIS and environmental sciences

Type of publication
Monograph

Due July 2007

2007. XV, 153 p. Hardcover

76,95 €

Criminalising Harmful Conduct
The Harm Principle, its Limits and Continental Counterparts

What are the limits to criminalisation? Is insult harmful or just offensive? What is wrong with criminalising disrespect to state symbols? Should criminal codes be moral codes? This book addresses the issue of legitimate criminalisation in a modern liberal society. It argues that criminalisation, as one of the most intrusive state interventions into the autonomous sphere of the individual, should be limited by normative principles, defining the substance of what can be legitimately proscribed. In part, it is a comparative study between two major criminal legal systems (its theories), the Anglo-American, on one side, and the Continental criminal legal system of Germanic legal circle, on the other. Moreover, the book explores a model structure of the ideal criminalisation in the respect of the principles and other criteria that should be followed to render the outcome justifiable. The model’s central element is the Anglo-American principle called the ‘harm principle’, which is elaborated upon, its main […]

Features
Moves beyond analytical and descriptive Introduces a substantive principle of criminalisation into the Continental criminal legal theory The only comparative (Anglo-American v. Continental) book on criminalisation in English

Contents

Fields of interest
Criminology & Criminal Justice; Criminal Law; Law Theory/Law Philosophy

Target groups
Legal scholars interested in Criminology, Criminal Law and Legal Philosophy

Type of publication
Monograph

Due March 2007

2007. XV, 153 p. Hardcover

149,95 €
ISBN 978-3-540-25546-8

2007. XXII, 278 p. 34 illus. Hardcover

129,95 €
ISBN 978-3-540-36730-7

N. Persak, University of Ljubljana, Slovenia

R.J. Peckham, Inverness, UK; J. Gyoro, Geological Institute of Hungary, Budapest, Hungary (Eds.)

springer.com/booksellers
South Asia is home to a diverse range of prehistoric and contemporary cultures that include foragers, pastoralists, and farmers. In this book, archaeologists, biological anthropologists, geneticists and linguists are brought together in order to provide a comprehensive account of the history and evolution of human populations residing in the subcontinent. A wide range of topics and issues are addressed in this book, including hominin adaptations, behaviours, and dispersals; the origin and spread of food producing economies; and the cultural, biological and genetic relationship of foragers and settled communities. New theories, methodologies and interpretations presented in this book are bound to have a profound effect on the way in which the cultural record of South Asia is perceived and how this evolutionary history relates to events in the wider world.

**Features**

First volume of its kind on prehistoric cultures of South Asia Integrates a range of subjects from Archaeology, Biological Anthropology, Genetics to Linguistics Provides a comprehensive picture about human adaptations and population changes in South Asia through time New theories and methodologies presented in the book provide new interpretations about the cultural history and evolution of populations in South Asia.

**Contents**


**Fields of interest**

Anthropology; Archaeology; Human Genetics

**Target groups**

Academics, scientists, researchers, lecturers and graduates with an interest in archaeology, biological anthropology, genetics and linguistics

**Type of publication**

Contributed volume

**Due March 2007**

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2007. XII, 464 p. (Vertebrate Paleobiology and Paleoanthropology) Hardcover

94,95 €

ISBN 978-1-4020-5561-4

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A. Pinnelli, University of Rome "La Sapienza", Italy; F. Racicopp, University of Rome "La Sapienza", Italy; R. Rettaroli, University of Bologna, Italy (Eds.)

**Genders in the Life Course**

**Demographic Issues**

This book treats the topic of gender and demographic behaviour during the life course in a comprehensive fashion. It covers a lot of ground, from the age at first intercourse over union formation and dissolution, fertility, migration, ageing, to excess male mortality, comparing genders behaviour and its determinants. It reports new findings of empirical research, mostly based on data from a number of European countries, making a good use of the Family and Fertility surveys and other international data base. This book is of particular interest to demographers, social scientists, academic scholars and private/public sector operators, particularly those who are interested in the roles of men and women, and the factors of possible asymmetries and disadvantages, with direct connections to the population policies.

**Features**

This unique book on relations between gender system and demographic behaviours, uses powerful data sets as Family and Fertility survey

**Contents**


**Fields of interest**

Demography; Sociology; Gender Studies; Family Relations; Social Sciences

**Target groups**

Demographers and Sociologists

**Type of publication**

Contributed volume

**Due September 2007**

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114,95 €

ISBN 978-1-4020-6001-4

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V. Popovich, Laboratory of Object Oriented Geoinformation Systems, St. Petersburg, Russia; M. Schrenk, Central European Institute of Technology, Schwechat, Austria; K.V. Korolenko, NUWC, Newport, RI, USA (Eds.)

**Information Fusion and Geographic Information Systems**

Proceedings of the Third International Workshop

Workshop Proceedings introduce research results received in the areas of information integration, development of GIS and GIS-applications for a wide spectrum of information systems varying considerably in purpose and scale. The new class of GIS – intelligent GIS – is considered, including principles of their building and programming technologies. Special attention is drawn to ontologies’ development and their use in GIS and GIS-applications.

**Features**

Introduces research results received in the areas of information integration, development of GIS and GIS-applications for a wide spectrum of information systems

**Contents**

Data, Information and Knowledge Harmonization, Integration and Fusion in GIS., Information Assurance and Protection in GIS., GIS as a Basis for Monitoring Systems., Ontologies and Programming Technologies for GIS and GIS Applications., Operations Research and TSMO for GIS Applications

**Fields of interest**

Geoinformation/Cartography; Environmental Computing/Environmental Modelling

**Target groups**

Scientists and researchers in the fields of geoinformation/cartography, information systems and environmental computing

**Type of publication**

Monograph

**Due June 2007**

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2007. XIII, 355 p. 110 illus. (Lecture Notes in Geoinformation and Cartography) Hardcover

129,95 €

ISBN 978-3-540-37628-6

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Employment Deconcentration in European Metropolitan Areas

Market Forces versus Planning Regulations

This book provides a cross-national comparative perspective on employment deconcentration within selected metropolitan areas in Europe. Whereas most debate over urban sprawl and deconcentration is oriented towards the North American context, this book aims at a better understanding of this phenomenon in the European context, emphasizing the location of economic activities rather than residential patterns. It provides insights on whether different governance attributes produce particular forms of deconcentration versus the influence of market attributes and local specificities, also commenting on quality of life impacts and possible governance and policy implications of the deconcentration process. Introduction of a comparative framework is followed by eight case study chapters, three representing northern Europe, three the south European-Mediterranean region and two post-communist central Europe. Most chapters examine two metropolitan areas, usually a large and a smaller one. The comparison […]

Contents


Fields of interest

Landscape/Regional and Municipal Planning; Economic Geography; Human Geography; Regional Science; Political Science

Target groups

Academics and graduate students in urban geography, urban studies, urban affairs, urban planning, and urban and environmental policy, urban and environmental planners, firm location consultants, and potentially a semi-popular audience interested in cities and in human geography

Type of publication

Contributed volume

Due June 2007

Human Longevity, Individual Life Duration, and the Growth of the Oldest-Old Population

Old-age survival has considerably improved in the second half of the twentieth century. Life expectancy in wealthy countries has increased, on average, from 65 years in 1950 to 76 years in 2005. The rise was more spectacular in some countries: the life expectancy for Japanese women rose from 62 years to 86 years during the same period. Driven by this longevity extension, the population aged 80 and over in those countries has grown fivefold from 8.5 million in 1950 to 44.5 million in 2005. Why has such a substantial extension of human lifespan occurred? How long can we live? In this book, these fundamental questions are explored by experts from such diverse fields as biology, medicine, epidemiology, demography, sociology, and mathematics: they report on recent cutting-edge studies about essential issues of human longevity such as evolution of lifespan of species, genetics of human longevity, reasons for the recent improvement in survival of the elderly, medical and behavioral causes of deaths among […]

Contents

From the contents Section 1: Theoretical and Comparative Biological Concepts. - Section 2: Empirical and Analytical Studies of Ageing and Oldest-Old Populations. - Section 3: Causes of Death and Determinants and Consequences of Mortality. - Section 4: Causes of the Trend in Mortality and Morbidity. - Index.

Fields of interest

Demography; Geriatrics/Gerontology; Social Sciences

Target groups

Demographers, biologists, gerontologists, sociologists, public health researchers and policy makers

Type of publication

Contributed volume

Due September 2007


104.95 €
ISBN 978-1-4020-5761-8

Due September 2007


66.95 €
ISBN 978-1-4020-4847-0
Handbook of Disaster Research

Recent disasters, such as the 2004 Indian Ocean Tsunami, bomb explosions in London, Hurricane Katrina, the Pakistan Earthquake, floods in Central America, and landslides in Indonesia, among many others, have resulted in an extensive loss of life, social disruption, significant economic impacts to local and national economies, and have made headline news in countries throughout the world. Thus the Handbook of Disaster Research is a timely and much needed contribution to the field of disasters. The editors of this Handbook have brought together a comprehensive and interdisciplinary volume with a diverse and international group of contributors. The Handbook is based on the principle that disasters are social constructions and focuses on social science disaster research. Attention is given to conceptual issues dealing with the concept ‘disaster’ and to methodological issues relating to research on disasters, including Geographic Information Systems as a useful research tool and its implications for [...] Features This seminal reference work is the first interdisciplinary collection of disaster research as it stands now and how the field will continue to grow, especially post 9/11 Contents Editor’s Introduction.- What is a Disaster?.- A Heuristic Approach to Future Disasters and Crises: New, Old, and In Between Types.- The Crisis Approach.- Methodological Issues.- The Role of Geographical Information Systems/Remote Sensing in Disaster.- Morbidity and Mortality Associated with Disasters.- Race, Class, Ethnicity, and Disaster Vulnerability.- Gender and Disaster: Foundations and Directions.- Globalization and Localization: An Economic Approach.- Local Emergency Management Organizations.- Community Processes: Warning and Evacuation.- Search and Rescue Activities in Disasters.- [...] Fields of interest Sociology; Health Care Administration; Demography Target groups Social scientists studying the effects of disasters (both natural and man-made) on humans, sociologists, public health specialists, demographers, economists, and political scientist Type of publication Handbook Due August 2007

Frontiers of Globalization Research: Theoretical and Methodological Approaches

For more than twenty years globalization has been a prominent topic in the social sciences and humanities because it deals with processes that impact all societies at the international, national, and local levels. Controversies and conflicting approaches have dominated this field of studies. To understand the variety and strength of different approaches, the editor asked many of their leading exponents to outline their own research framework. The book’s contributors are world renowned experts in their field, including G. John Ikenberry, Michael Doyle, Layna Mosley, Alex Callinicos, Anthony McGrew, Thomas Risse, Roland Robertson, John Tomlinson, Saskia Sassen, David Held, Thomas Pogge, Chris Brown and Andrew Kuper. These writings have been organized into four sections: theoretical perspectives and cultural globalization, economic globalization, political globalization, and methodological approaches. The extensive coverage and the interdisciplinary flavor of the volume makes it suitable for [...] Features Number of contributors are prominent scholars of globalization with international reputations and recognizable names Presents a broad spectrum of analytical approaches to globalization Theoretical reviews are complemented by substantive chapters and methodological analyses that tend to be unusual in an edited volume Contents Introduction.- Part One: Theoretical Perspectives.- Globalization as a Historical and a Dialectical Process.- Microglobalization.- A Transnational Framework for Theory and Research in the Study of Globalization.- Global Systems, Globalization and Anthropological Theory.- Structure Formation in World Society: The Eigenstructures of World Society and the Regional Cultures of the World.- Global Complexities.- Part Two: Economic and Political Processes.- A. Economic Integration and Disintegration, and Uneven Development.- Trajectories of Trade and Investment Globalization.- Globalization [...] Fields of interest Sociology; Political Science Target groups Scholars and students in disciplines related to sociology, international relations, political science, economics, cultural studies, anthropology, social-scientific oriented scholars in international law, and policy studies Type of publication Professional book Due March 2007

Measuring Human Trafficking

The trafficking of human beings is a major world-wide problem. Due to the scarcity, unreliability and non-comparability of existing data in the various affected countries there are serious difficulties related to the development of a comprehensive counter-strategy. Although there has been some improvement in the last years, the statistics on human trafficking that are available internationally are still highly unsatisfactory. There is an urgent need for a structured system to monitor this crime, a system that assesses and quantifies the illegal activity and provides the same set of quantitative and qualitative data for different countries. It should also register the level of response and the compliance to the requests set by the United Nations in their Protocol on trafficking in human beings. A body of information of this kind would yield profound knowledge on the problems and circumstances of people involved in the trade. The data could then be analysed with the overall goal of devising new [...] Features Human trafficking is current and very topical, especially in relation to Eastern Europe Emphasizes quantitative findings, whereas competitive books on the same subject matter have been qualitative and descriptive Contents Human Trafficking: A Crime Against Humanity.- Trafficking In Human Beings: Uniform Definitions for Better Measuring and for Effective Counter-Measures.- Collecting Data on Human Trafficking: Availability, Reliability and Comparability of Trafficking Data.- Enhancing Data Collection and Research on Trafficking in Persons.- Measuring the Non-Measurable: Towards the Development of Indicators for Measuring Human Trafficking.- The Problem Seen from the EU perspective.- A Criminal Network Approach to Understanding and Measuring Trafficking in Human Beings.- From Official Statistics to [...] Fields of interest Criminology & Criminal Justice Target groups Criminologists, political scientists, human rights lawyers Type of publication Contributed volume Due June 2007


Dynamic Population Models

Dynamic Population Models is the first book to comprehensively discuss and synthesize the emerging field of dynamic modeling, i.e. the analysis and application of population models that have changing vital rates. Incorporating the latest research, it includes thorough discussions of population growth and momentum under gradual fertility declines, the impact of changes in the timing of events on fertility measures, and the complex relationship between period and cohort measures. Recently developed models for the analysis of changing mortality are examined, and generalizations of Lotka’s fixed rate stable population model are developed and applied. The book is well organized and clearly written so that it is accessible to those with only a minimal knowledge of calculus. It begins with a review of fixed rate population models, from the basic life table to multistate stable populations. The process of convergence to stability is described, and the regularities underlying change in the size and... [ ]

Features

State-of-the-art presentation of mathematical (or formal) demography Detailed discussion of population momentum Through treatment of timing effects on demographic behavior In-depth analyses of regularities in populations with changing rates Clear and complete explanations with a minimum of mathematical complexity

Contents


Fields of interest

Demography; Genetics and Population Dynamics; Methodology of the Social Sciences; Statistics for Social Science, Education, Public Policy, and Law

Target groups

Demographers, population statisticians, and applied social scientists

Type of publication

Monograph

Due March 2007

The Soils of Israel

Eleven chapters present a concise description of the soils of Israel, including their distribution, chemical, physical mineralogical characteristics and agricultural attributes. On the background of the various soil-forming factors such as climate, lithology and physiography the pathways of their formation is discussed. Based on the relationships between soils and soil-forming factors, the distribution of the different soil types is explained. An ample bibliography backs up this exposition, supplemented by numerous figures, tables, colour plates and maps. The description of the contemporaneous surface soils is supplemented by a review of the numerous paleosols with their paleographic significance.

Features

First comprehensive book on the soils of Israel since 1948

Contents


Fields of interest

Physical Geography; Soil Science & Conservation; Geology; Landscape Ecology; Sedimentology; Agriculture

Target groups

Libraries, institutes, scientists, researchers

Type of publication

Monograph

Due May 2007

2007, X, 306 p. 228 illus., 68 in color. Hardcover
99,95 €
ISBN 978-3-540-71731-7

An Archaeological Evolution

Stanley South has been a leading figure not only in historical archaeology but also in anthropological archaeology. His work (both past and present) has put him in the forefront of monumental changes in American archaeology in the last 40 years. His personal perseverance in field archaeology has also been an inspiration to new and burgeoning archaeologists and anthropologists. An Archaeological Evolution is a personal recounting of his life, played out among some of the most important debates and movements in archaeology starting in the 1960s up to the 21st century. This seminal volume will be of interest to archaeologists (both professional and academic), anthropologists, historians, and conservators in or studying the United States, but also wherever archaeology is taught and practiced.

Features

The first time one of the grandfathers of Historical Archaeology has sat down to put together his memoirs

Contents


Fields of interest

Archaeology

Target groups

Archaeologists (specifically American and historical), anthropologists, historians (specifically in the Southeastern US), and conservators

Type of publication

Monograph

Due April 2007

2007, XII, 430 p. Softcover
39,95 €
ISBN 978-0-387-68174-0
In the large body of literature produced during the last fifteen years on the transformation of Eastern European societies after the fall of communism, studies investigating changes in urban form and structure have been quite rare. Yet a profound reorganization of the manner in which urban space is appropriated has taken place, impacting the life of over 200 million urban residents in the region. The patterns of spatial organization, which have been established during this fairly limited but critical timeframe, are likely to set the direction of future urban development in CEE cities for a long time. This book focuses on the spatial transformations in the most dynamically evolving urban areas of post-socialist Central and Eastern Europe, linking the restructuring of the built environment with the underlying processes and forces of socio-economic reforms. We hope that the detailed accounts of the spatial transformations in a key moment of urban history in the region will enhance our understanding of [...] 

Features
Focus on the evolution of urban form in CEE cities after socialism, an under-explored subject Wide geographic coverage

Contents

Fields of interest
Landscape/Regional and Municipal Planning; Human Geography; Urbanism; Regional and Cultural Studies

Target groups
Geographers, policy-makers, urban planners and architects

Type of publication
Contributed volume

Due August 2007

134,95 €

The central goal of this book is to contribute to the timely discussion and understanding of Maya sacrifice and related posthumous body manipulation. Most school children in the US learn about the Maya and their practices based on their cultural and religious beliefs in their Social Studies classes. But a number of new sites have been discovered, giving an interdisciplinary group of researchers a channel to discuss these acts and their meaning. The editors bring together not only archaeologists but anthropologists, forensic anthropologists, art historians and bioarchaeologists, giving the volume a more complete perspective on these sites and the material culture and biological evidence found there. The field of archaeology is growing to include the physical remains of ritual practice along with the material remains and this book can be seen as an example of who the study of ancient civilizations can be more comprehensive. Additionally, this is an international volume with scholars from the area [...] 

Features
Brings together an international group of contributors to report on human sacrifice and body manipulation in Mayan culture Can be used comparative-ly in other cultures which had similar practices Includes explicitly bioarchaeological approaches

Contents
Introduction. - Funerary or non-funerary? New references in identifying ancient Maya sacrificial and post-sacrificial behaviors from human assemblages. - The creation and sacrifice of witches in Classic Maya society. - Empowered and Disempowered: Terminal Classic Maya Burial and Sacrificial Rituals in the Situn Valley. - Posthumous body treatments and ritual in the Classic period Northern Petén. A taphonomic approach. - Human sacrifice in Late Postclassic Maya iconography and texts. - Skeletons, skulls and bones in the art of Chichen Itzá. - Sacrifice and ritual body mutilation in Postclassic [...] 

Fields of interest
Archaeology

Target groups
Archaeologists both academic and professional, social and cultural anthropologists especially those interested in Maya culture; physical anthropologists and those studying the significance of human sacrifice and bone/body manipulation

Type of publication
Contributed volume

Due March 2007

2007, X, 319 p. (Interdisciplinary Contributions to Archaeology) Hardcover
92,95 €

The study of racial and ethnic relations has become one of the most studied aspects in sociology and sociological research. In both North America and Europe, many “traditional” cultures are feeling threatened by immigrants from Latin America, Africa and Asia. Sociology is at the hub of the human sciences concerned with racial and ethnic relations. Since this discipline is made of multiple paradigms and methodological orientations it has been able to make relevant contributions to disciplines ranging from individual psychology, social psychology, and psychiatry, to economics, anthropology, linguistics, cultural studies, health care delivery and education.

Features
There has been no recent reference book on the sociology of racial and ethnic relations This handbook will be a true international collaborations Looks at racial and ethnic relations from and academic perspective

Contents
The changing field of the sociology of racial and ethnic relations – the perceived threat of Latin America, Africa, and Asia of North American and European “traditional” cultures. – Racial and Ethnic relations and methodological orientations and their contributions to: individual psychology, social psychological, psychiatry, economics, anthropology, linguistics, cultural studies, health care delivery, and education – racial and ethnic inequality within the healthcare system and “cultural competence” to enhance racial and ethnic relations through health education institutions and health [...] 

Fields of interest
Sociology; Cross Cultural Psychology

Target groups
Sociologists working in the field of race and ethnic relations, social psychologists, anthropologists, cultural researchers and other social scientists who study race and ethnic relations

Type of publication
Handbook

Due September 2007

2007, VIII, 494 p. 14 illus. (Handbooks of Sociology and Social Research) Hardcover
194,95 €

V. Tesler, Universidad Autónoma de Yucatán, Mérida, Mexico. A. Cucina, Universidad Autónoma de Yucatán, Mérida, Mexico (Eds.)

New Perspectives on Human Sacrifice and Ritual Body Treatments in Ancient Maya Society

H. Vera, University of Florida, Gainesville, FL, USA; J.R. Feagin, Texas A&M University, College Station, TX, USA

Handbook of the Sociology of Racial and Ethnic Relations
Ages, Generations and the Social Contract

The Demographic Challenges facing the Welfare State

Our societies are ageing. The Family is changing. Labour force behaviour is evolving. How is the organisation of family and collective solidarity adapting in this context of longer life spans, low fertility, and work that is simultaneously scarce and abundant? The welfare states are currently facing three main challenges: ensure satisfactory living conditions for the elderly without increasing the cost burden on the active population, reduce social inequality, and maintain equity between successive generations. In this book, researchers from different countries compare their experiences and offer contrasting views on the future of social protection. They consider the theoretical aspects of the intergenerational debate, relations between generations within the family, the living standards of elderly people, and the question of social time.

Features
For the first time in history it is common that at least three and sometimes four generations are living at the same time; this book examines the new interactions between family change, labour force participation and population ageing. Comparative approaches for developed countries in a holistic way Life cycle approach within each generation taking into account the dynamics of an intergenerational context Focus [...]
Remote Sensing in Archaeology

Whether deployed in space or on the surface of the earth, remote sensing instruments are increasingly becoming standard archaeological tools. Space age techniques have begun to accumulate a wealth of information and unusual evidence such as the presence of sand-buried courses of ancient rivers in the Sahara and the associated remains of human occupations. Perhaps as important, some have been able to gather priceless knowledge without disturbing fragile sites—a capability that is particularly significant in this era of conservation. Remote Sensing in Archaeology illustrates the uses of advanced technology in archaeological investigation. It deals with hand-held instruments that probe the subsurface of the earth to unveil layering and associated sites; underwater exploration and photography of submerged sites and artifacts; and the utilization of imaging from aircraft and spacecraft to reveal the regional setting of archaeological sites and to assist in cultural resource management. In each [...] Features Covers the breadth of remote sensing that is applicable to archaeology including satellite images, GIS, ground-penetrating radar, and maritime settings. The cases included are international and covers sensing in arid, semi-arid and tropical regions. Includes a CD with 4-color images illustrating the use of remote sensing technology.

Contents
Archaeology; Remote Sensing/Photogrammetry; Geoinformation/Cartography

Target groups
Archaeologists, geologists and those developing GIS/GPR/remote sensing systems

Type of publication
Contributed volume

Due August 2007

Remote Sensing in Archaeology

Whether deployed in space or on the surface of the earth, remote sensing instruments are increasingly becoming standard archaeological tools. Space age techniques have begun to accumulate a wealth of information and unusual evidence such as the presence of sand-buried courses of ancient rivers in the Sahara and the associated remains of human occupations. Perhaps as important, some have been able to gather priceless knowledge without disturbing fragile sites—a capability that is particularly significant in this era of conservation. Remote Sensing in Archaeology illustrates the uses of advanced technology in archaeological investigation. It deals with hand-held instruments that probe the subsurface of the earth to unveil layering and associated sites; underwater exploration and photography of submerged sites and artifacts; and the utilization of imaging from aircraft and spacecraft to reveal the regional setting of archaeological sites and to assist in cultural resource management. In each [...] Features Covers the breadth of remote sensing that is applicable to archaeology including satellite images, GIS, ground-penetrating radar, and maritime settings. The cases included are international and covers sensing in arid, semi-arid and tropical regions. Includes a CD with 4-color images illustrating the use of remote sensing technology.

Contents
Archaeology; Remote Sensing/Photogrammetry; Geoinformation/Cartography

Target groups
Archaeologists using these technologies in their work around the world; geologists and those developing GIS/GPR/remote sensing systems

Type of publication
Contributed volume

Due August 2007
GPS
Theory, Algorithms and Applications

This reference and handbook describes theory, algorithms and applications of the Global Positioning System (GPS/Galileo). It is primarily based on source-code descriptions of the KSocsoft program developed by the author at the GFZ in Potsdam. The theory and algorithms are extended and verified for a new development of a multiple functional GPS/Galileo software. Besides the concepts such as the unified GPS data processing method and the numerical solution of the variation equations, as well as the general ambiguity search criteria reported in the first edition, there are several highlights reported. Such as the equivalent principle and its applications, the theory of independent parameterisation, the diagonalisation algorithm, etc. Mathematically rigorous, the book begins with the basics of coordinate and time systems and satellite orbits, as well as GPS observables, and deals with topics such as physical influences, observation equations and their parameterisation, adjustment and filtering. [...] Features
An excellent reference and handbook of GPS/Galileo research and applications. Includes theory, algorithms and applications of the GPS, GLONASS and Galileo systems. Combines a theoretical basis with practical and software experience. Clearly organized. Standard software is explained.

Contents

Fields of interest
Geophysics/Geodesy; Geoinformation/Cartography; Landscape/Regional and Municipal Planning; Extraterrestrial Physics, Space Sciences; Automotive and Aerospace Engineering; Electronic and Computer Engineering

Target groups
Graduate students, researchers, practitioners

Type of publication
Monograph

Due August 2007

No distribution rights for China

2007. XIX, 340 p. 59 illus. Hardcover

99,95 €
ISBN 978-3-540-72714-9

The Protestant Ethic and the Spirit of Authoritarianism
Puritanism, Democracy, and Society

This book explores the historical and contemporary relationships of Protestant Puritanism to political and social authoritarianism. It focuses on Puritanism’s original, subsequent and modern influences on and legacies in political democracy and civil society within historically Puritan Western societies, with emphasis on Great Britain and particularly America, from the 17th to the 21st century. The Protestant Ethic and the Spirit of Authoritarianism: Puritanism, Democracy and Society’s importance and novelty lie in its original theoretical argument and empirical demonstration that Puritanism constitutes or reproduces political-social authoritarianism rather than liberal-secular political democracy and free civil society, contrary to the conventional wisdom in Puritan societies, especially America. The book’s methodological approach is thoroughly interdisciplinary by integrating methods, theories and data in sociology with those in other social sciences such as political science, history and [...] Features
Focusses on the political and social Puritanism in Anglo-American/Australian government shows how supposed liberal democracies are currently and historically not so Uses a Weberian model for methodology and analysis. New arguments about Puritanism’s links to political and social authoritarianism rather than, as in the old arguments, with political democracy and free civil society. New or retrieved (previously [...] Contents
Sociology; Political Science; Economic Policy

Target groups
Political and economic sociologists, political scientists

Type of publication
Monograph

Due May 2007


99,95 €

Transport, Trade and Economic Growth - Coupled or Decoupled?
An Inquiry into Relationships between Transport, Trade and Economic Growth and into User Preferences concerning Growth-oriented Transport Policy

Over the past decade, the transport industry has become an increasingly popular scapegoat for polluting the environment with emissions and noise. Therefore, additional transport infrastructure investments, especially in road transport, are becoming more and more contentious. Conversely, the advocates of free trade stress the importance of transport to enhance economic growth and subsequently the standards of living. Thus, political decision makers and business people alike are facing the challenge of reconciling these conflicting ideas. Though being one of the most prominent topics in public discussion, hard facts are still rare. In order to analyze the question from a different perspective, this book sets out to combine different approaches from economics as well as business administration to stimulate scientific discourse and to support decision-makers in their efforts to ameliorate the situation. The first part of this book contributes to the empirics of the relationship between transport and [...] Features
New findings about relationship between transport, trade and economic growth. It helps politicians, analysts and companies to clarify their interests regarding transport. It comprises new information about preferences of industrial enterprises and trading firms regarding relevance of costs and quality of transport.

Contents

Fields of interest
Engineering Economics, Organization, Logistics, Marketing; Landscape/Regional and Municipal Planning; Automotive and Aerospace Engineering; Production/Logistics; Economic Growth

Target groups
Engineers, economists

Type of publication
Monograph

Due May 2007

2007. XI, 119 p. 6 illus. (Mobilität verhalten in der Freizeit) Hardcover

99,95 €
ISBN 978-3-540-68296-7
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