Handbook of Social Indicators and Quality of Life Research

Volume I Theoretical and Methodological Foundations Volume II The Quality of Life in Societal Sectors Volume III The Quality of Life in Specific Populations Volume IV The Quality of Life in World Regions and Inter-Regional Comparisons

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Fields of interest
Quality of Life Research; Political Science; Anthropology

Type of publication
Encyclop(a)edia

Due September 2008

Hardcover
846,25 €

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Type of publication
Encyclop(a)edia

Due October 2008

2008. eReference.
846,25 €
ISBN 978-0-387-74623-4

B. v. Aarle, University of Maastricht, The Netherlands; K. Weyerstrass, Institute for Advanced Studies, Vienna, Austria (Eds.)

Economic Spillovers, Structural Reforms and Policy Coordination in the Euro Area

This book analyses economic interdependence in the Euro Area and provides estimates of the sign and size of economic spillovers and the impact of economic policy coordination concerning structural and budgetary policies on economic performance in the Euro Area. In the different chapters of the book, the following topics are studied: (i) the link between fiscal and monetary policies in the Euro Area; (ii) the link between public debt and long-term interest rates in the Euro Area; (iii) the link between budgetary stabilisation and the level of public debt in the Euro Area; (iv) the spillovers from structural reforms in the Euro Area; (v) the scope for the coordination of fiscal policies and of structural reforms in the Euro Area; and (vi) wage flexibility in the Euro Area.

Contents

Fields of interest
European Integration; Economic Policy; Economic Growth; Macroeconomics/Monetary Economics

Target groups
Researchers and scholars

Type of publication
Contributed volume

Due November 2007

2008. XII, 237 p. 50 illus. (Contributions to Economics) Hardcover
79,95 €
ISBN 978-3-7908-1969-4
In recent years there has been increased focus on understanding the dynamic relationships among entrepreneurship, policymaking, and economic growth. At the heart of research, debate and practical application is the question: “Under what conditions can entrepreneurship flourish?” And the corollary: “To what degree does encouraging entrepreneurship result in economic growth?” A popular response is to argue for “entrepreneurship policy”—that is, targeted policies that are designed to promote innovation, entrepreneurship, and small business creation. To the editors and contributors of this volume, that approach is fundamentally flawed. They argue that there is no such thing as a discrete entrepreneurship policy; instead, there is only policymaking in the context of an entrepreneurial economy. The book addresses policies operating at the individual, national, regional, and international levels, and offers a unique perspective on several institutional structures that enhance entrepreneurship and economic growth.

**Features**

- Asserts such thing as ‘entrepreneurship policy,’ only policy in entrep. economy, & considers implications of approach for research, practice, policymaking
- Presents policy recommendations designed to promote entrep.
- Considers timely issues like impact of securities regulation, educational policy, intellectual property protection on entrep.
- Cutting-edge research from GMU School

**Contents**

- Exceptional America and the Entrepreneurial Economy
- Does the Public Policy Tool of Business Plan Competitions Lead More Individuals to Become Entrepreneurs by Overcoming Constraints?
- How Does the Sarbanes-Oxley Act Impact Small Entrepreneurial Firms and Their Going Private Decision?
- Are Regional Sectors Positively Related to Entrepreneurial Activity?
- Is Sector Specialization Important for Entrepreneurial Activity?
- Tug of War: State Healthcare Policies in an Entrepreneurial Economy
- Are technology Transfer Offices Effective at Stimulating Entrepreneurship?
- Do High Barriers

**Fields of interest**

- Entrepreneurship
- Economic Growth
- Economic Policy

**Target groups**

- Professors, researchers, and students of entrepreneurship and economic growth
- Policymakers
- Entrepreneurs and investors

**Type of publication**

- Monograph

**Due January 2008**

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This book investigates the origins and evolution of Asia’s new institutional architecture in trade, finance, and security from both a theoretical and empirical perspective. The traditional institutional equilibrium in Asia has come under heavy strain in the ‘post triple shocks period’ - the post-Cold War, the post-financial crisis of 1997-98, and the post-9-11 attacks. The new dynamics of rivalry and cooperation among states at both the intraregional and transregional levels is now shaping a new institutional architecture. Political and business leaders from Northeast and Southeast Asia interact with each other more frequently. South Asia’s participation in the rest of Asia in recent years is truly impressive. As we show, the future institutional trajectory of Asia is still open, but we believe that the book provides a timely examination of key shifts in the region. In doing so, our hope is to provide policymakers and analysts with an institutional road map for the future.

**Features**

- Offers a fresh and analytically rigorous perspective on the changing role of Asia’s regional institutions
- Demonstrates the increasing theoretical sophistication and empirical richness of the study of Asian regionalism

**Contents**

- J. Ravenhill: Asia’s New Economic Institutions
- K. Tsunekawa: Building Asian Security Institutions Under the Triple Shocks: Competitive, Complementary or Juxtaposed?
- M. Oba: Regional Arrangements for Trade in Northeast Asia: Cooperation and Competition Between China and Japan
- M. Ye: Security Institutions in Northeast Asia: Multilateral Responses to Structural Changes
- H.E.S. Neosadurai: Southeast Asia’s New Institutional Architecture

**Fields of interest**

- International Economics
- Regional Science
- Development Economics
- Political Science

**Target groups**

- Scholars, policy makers, business people, and students of the Asian Pacific

**Type of publication**

- Contributed volume

**Due October 2007**

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2008. XVI, 321 p. 2 illus. (The Political Economy of the Asia Pacific) Hardcover

89,95 €

ISBN 978-3-540-72388-2
Hybrid Hydrogen Systems
Stationary and Transportation Applications

Renewable energy technologies have been used on a small scale for many years. Issues of intermittency and cost have prevented their widespread use and acceptance. Now, discussion and research on renewable energy power generation, conversion and storage are major features of national and international agendas. The present book presents an original and comprehensive approach to hybrid energy system optimization. It will also interest researchers, practitioners and policy makers in these subjects.

Features
Provides a much-needed systems approach to hydrogen energy applications. Provides a comprehensive overview of the fundamentals of renewable power generation, conversion and storage. Can be used as a course text. Addresses key challenges to the hydrogen economy.

Contents

Fields of interest
Renewable Energy Sources; Environmental Economics; Environment, general; Materials Science

Target groups
Senior undergraduate and postgraduate students, lecturers, researchers

Type of publication
Graduate/advanced undergraduate textbook

Due August 2008

Economics

The Dynamics of Complex Urban Systems
An Interdisciplinary Approach

The present book outlines a conceptual framework for modelling and forecasting the dynamics of both growth-limited cities and megacities, bringing together experts from several disciplines. The interdisciplinary point of view is particularly stressed. The contributions presented reflect the various interdependencies between structural, physical and mathematical models and social development (spatial decision making and urban planning models). The volume emphasizes not only the contributions from different disciplines but also pays attention to specific problems like model calibration, data availability, and management case studies and interactions with urban planners. It is the collection of all the contributions presented reflect the various interdependencies between structural, physical and mathematical models and social development (spatial decision making and urban planning models). The volume emphasizes not only the contributions from different disciplines but also pays attention to specific problems like model calibration, data availability, and management case studies and interactions with urban planners. It is the collection of all the contributions of the speakers at the international workshop “The Dynamics of Complex Urban Systems: an interdisciplinary approach” held at Monte Verità (Ascona/Switzerland) from 4th to 6th of November 2004.

Fields of interest
Regional Science; Quantitative Geography; Landscape/Regional and Municipal Planning; Nonlinear Dynamics; Complex Systems; Chaos, Neural Networks; Mathematical and Computational Physics; Mathematical Modeling and Industrial Mathematics

Target groups
Scientists

Type of publication
Collection of essays

Due October 2007

2008. XX, 484 p. 190 illus. Hardcover

119.95 €
ISBN 978-3-7908-1936-6

Management Planning for Nature Conservation

A Theoretical Basis & Practical Guide

Mike Alexander’s Management Planning for Nature Conservation brings a new dimension to the modern literature on conservation management. Combining key theories with real practice it fills a critical gap which has often hindered in-depth understanding of the planning process. The book provides historical and rational background which helps to explain what makes a really effective management plan, and it presents a detailed practical guide to developing such a plan. It concludes with a series of case studies which clearly illustrate the underlying principles drawn out in the text, while highlighting the different approaches demanded by very different sites. Drawing on the expertise of leaders in both conservation research and wildlife management, and with a combined experience from around the world, this book is essential reading for professional conservation managers and any student studying management planning for conservation within a range of degree and postgraduate courses. The book will be [...]
Handbook of Financial Time Series

The Handbook of Financial Time Series gives an up-to-date overview of the field and covers all relevant topics both from a statistical and an econometrical point of view. Experts present among others various aspects of the important GARCH and Stochastic Volatility classes, like for example distribution properties, estimation, forecasting and extreme value theory. Moreover, since processes in continuous time and cointegration play a very essential role in financial modelling, both areas are addressed in detail. Finally, recent developments in nonparametric methods, copulas, structural breaks, high frequency data and many more topics are included in the handbook. Many outstanding authors have contributed to this encyclopaedia, making the volume an excellent source of reference for scientists and researchers working in the field of financial time series.

Features
Editors very well known in their area of research
Many outstanding contributors Preamble by Nobel prize winner Robert F. Engle

Contents
Introduction - GARCH-Modelling - Stochastic Volatility Modelling - Cointegration - Continuous Time Processes - Miscellanea

Fields of interest
Statistics for Business/Economics/Mathematical Finance/Insurance; Econometrics; Quantitative Finance; Statistics and Computing/Statistics Programs

Target groups
Researchers and practitioners in statistics and econometrics

Type of publication
Handbook

Due April 2008


185.05 €
ISBN 978-3-540-71296-1

Methods and Techniques for Cleaning-up Contaminated Sites

Soil and groundwater pollution caused by contaminants including petroleum hydrocarbons, represent a serious threat to the environment in NATO and NATO Partner countries. Solutions are needed that represent practical alternatives to costly remedial strategies yet still yield benefits to site managers. This publication comprises the presentations made at the NATO Advanced Research Workshop held in Sinaia, Romania 9 – 11 October, 2006. The contributions represent a wide range of issues and challenges related to contaminated site management from low cost solutions to petroleum contaminated sites to advances in biological treatment methods. This publication is meant to foster links between groups facing challenges cleaning up contaminated sites through presentations that explore the problems currently being addressed and solutions that are emerging in the field.

Features
THIS BOOK PRESENTS A UNIQUE CROSS-SECTION OF ISSUES AND CHALLENGES FACING NATO PARTNER COUNTRIES WITH SIGNIFICANT LONG TERM ENVIRONMENTAL STEWARDSHIP MOVING FORWARD A WIDE RANGE OF INNOVATIVE APPROACHES TO MANAGING SITES ARE PRESENTED BY A GROUP OF RESEARCHERS REPRESENTING A DIVERSE BACKGROUND OF EXPERIENCES. INSIGHTS PROVIDED IN THESE PAPERS MAY BE APPLICABLE TO SIMILAR SITE CHALLENGES FACES BY SITE MANAGERS [...] 

Contents
Remediation of Metal and Metalloid Contaminated Groundwater.- Bioremediation In Situ of Polluted Soil in a Uranium Deposit.- Vital Soil Versus Contaminants.- Chemical Oxidation for Clean Up of Contaminated Ground Water.- Detection and Measurement Techniques to Identify the Presence of NAPLs In the Field.- Immobilization of Heavy Metals and Stable Organics from Aqueous Systems on Modified Activated Carbon.- Remediation of The former Military Airport: Triangle Zatec.- Aquifer Remediation and Chemical Recovery Following a Spill Due to an Earthquake in Turkey.-How to Remediate the Pollution [...] 

Fields of interest
Environmental Management; Hydrogeology; Environmental Computing/Environmental Modelling; Monitoring/Environmental Analysis/Environmental Toxicology; Environmental Biotechnology

Target groups
Scientists and engineers engaged in managing contaminated sites with significant challenges in terms of the extent and nature of the contamination present

Type of publication
Proceedings

Due December 2007
Methods and Techniques for Cleaning-up Contaminated Sites

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Contents
Remediation of Metal and Metalloid Contaminated Groundwater - Bioremediation In Situ of Polluted Soil in a Uranium Deposit - Vital Soil Versus Contaminants - Chemical Oxidation for Clean Up of Contaminated Ground Water - Detection and Measurement Techniques to Identify the Presence of NAPLs In the Field - Immobilization of Heavy Metals and Stable Organics from Aqueous Systems on Modified Activated Carbon - Remediation of The former Military Airport: Triangle Zatec - Aquifer Remediation and Chemical Recovery Following a Spill Due to an Earthquake in Turkey - How to Remediate the Pollution [..]

Fields of interest
Environmental Management, Hydrogeology; Environmental Computing/Environmental Modelling; Monitoring/Environmental Analysis/Environmental Ecotoxicology; Environmental Biotechnology

Target groups
Scientists and engineers engaged in managing contaminated sites with significant challenges in terms of the extent and nature of the contamination present

Type of publication
Proceedings

Due December 2007
Planning Theory

From the Political Debate to the Methodological Reconstruction

Planning Theory expresses a sound unease about the direction taken by the current analysis and criticism of planning experiences, both in the field of economics and in urban and regional planning. Instead of seriously revising the technical and scientific shortcomings marking the various problems encountered in the planning experience in both fields, academic debates and reflection have instead led to a kind of political interpretation. On the basis of the hopelessness of improving the governance of managerial and political planning initiatives, planning theory has been reduced to a generic sociological debate on planning itself; a debate that freezes planning as a permanently declining engagement. To oppose this, the present book aims to identify the essential guidelines of a re-launch of planning processes and techniques, configuring a kind of neo-discipline, called ‘planology’ by the author, which builds upon a multi-disciplinary integration (never seen and experimented with until now) of […]

Contents

Fields of interest
Economic Policy; Regional Science; Social Policy; Organization/Planning

Target groups
Libraries, scientists, professional planners, institutes, practitioners, public officials and managers, politicians, graduate students

Type of publication
Monograph

Due October 2007

2007. Hardcover, XII, 120 p. approx. Hardcover
52.95 €

Advances in Mathematical and Statistical Modeling

Enrique Castillo is a leading figure in several mathematical and engineering fields, having contributed seminal work in such areas as Bayesian networks, neural networks, functional equations, artificial intelligence, linear algebra, optimization methods, numerical methods, reliability engineering, as well as sensitivity analysis and its applications. Organized to honor Castillo’s significant contributions, this volume is an outgrowth of the “International Conference on Mathematical and Statistical Modeling,” and covers recent advances in mathematical and statistical modeling. Applications to safety, reliability and life-testing, financial modeling, quality control, general inference, as well as neural networks and computational techniques are presented. The book is divided into seven main sections, which include: conditional specification, Bayesian factor analysis.- Part II. Probability and Statistics.- Empirical Bayes Assessment of the Hyperparameters in Bayesian Factor Analysis.- Part III. Order and Extreme Value Theory.- Part IV. Modeling in Engineering.- Part V. Fatigue Models.- Part VI. Modeling in Business and […]

Features
Contributors are prominent, distinguished, and well-respected researchers in the field of mathematical and statistical modeling who cover the real-world applications to safety, reliability, life-testing, financial modeling, quality control, general inference, economics, engineering, as well as neural networks and computational techniques. Good reference work for practitioners, researchers, and graduate students in […]

Contents

Fields of interest
Statistical Theory and Methods; Statistics for Business/Economics/Mathematical Finance/Insurance; Statistics for Engineering, Physics, Computer Science, Chemistry & Geosciences; Mathematical Modeling and Industrial Mathematics; Computational Science and Engineering; Optimization

Target groups
 Practitioners, researchers, and graduate students in applied mathematics, engineering, economics, and modeling.

Type of publication
Contributed volume

Due May 2008

2008. Approx. 504 p. 56 illus. (Statistics for Industry and Technology) Hardcover
97,00 €
ISBN 978-0-8176-4625-7
**Inevitable Aging?**
Contributions to Evolutionary-Demographic Theory

Aging is inevitable: this is gerontological dogma. And humans do inevitably grow old, which is probably why it seems so unlikely to us that other forms of life could escape aging. Escaping aging is not escaping death. Death is an inherent part of life, and it can strike any time. But the question is, whether death necessarily becomes more likely as life proceeds. And it does not. The theoretical results in this monograph indicate that life provides alternative strategies. While some organisms will deteriorate over adult ages, for others mortality appears to fall or remain constant, at least over an extended period of life after reproductive maturity. This is empirically observed especially for several species that keep growing during adult ages. Perhaps, the diversity of aging matches the diversity of life. My thesis, the central insight of this monograph, is: to deeply understand why some species age it is necessary to understand why other species do not.

**Features**
- Pathbreaking findings on aging opening a completely new field of research - The author gets away from the human centered vision of life showing that aging in any organism does not necessarily correspond to deterioration and senescence - Optimization models using sophisticated methods of control theory and dynamic programming &nbsp;

**Contents**

**Fields of interest**
- Population Economics; Aging; Demography; Medicine, general; Evolutionary Biology; Applications of Mathematics
- Target groups
  Scientists

**Type of publication**
Monograph

**Due January 2008**

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**High Frequency Financial Econometrics**
Recent Developments

This exciting volume presents cutting-edge developments in high frequency financial econometrics, spanning a diverse range of topics: market microstructure, tick-by-tick data, bond and foreign exchange markets and large dimensional volatility modelling. The chapters on market microstructure deal with liquidity, asymmetries of information, and limit order aggressiveness in pure limit order book markets. The chapters on tick-by-tick data present statistical techniques for the analysis of the discrete nature of price movements, the intraday seasonal patterns of financial durations, and the joint probability law of prices, volume and durations. Bond markets are brought into focus through the analysis of macroeconomic announcements in the future bond market as a function of the business cycle. Exchange markets are examined from two perspectives: the study of the impact of information arrival on exchange rate volatility and the uncovering of chartist patterns in the euro/dollar exchange rate. Last, [..]

**Fields of interest**
- Econometrics; Financial Economics; Quantitative Finance; Statistics for Business/Economics/Mathematical Finance/Insurance

**Target groups**
- Scientists

**Type of publication**
Monograph

**Due October 2007**

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2008. VI, 312 p. 57 illus. (Studies in Empirical Economics) Hardcover

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2008. XXI, 170 p. 20 Illus. (Demographic Research Monographs) Hardcover
74,95 € ISBN 978-3-540-76655-1
Kinship and Demographic Behavior in the Past

What is the influence of family and kinship networks on fertility, marriage, migration and mortality? Population scientists have studied the relationship between families, both immediate and extended, and demographic behavior for many years. This book examines the role of kinship and the family’s influence on the health outcomes of their children, their children’s selection of marriage partners, couples having higher order births or reduced fertility, individual migration and origins of populations. Mortality patterns are examined to determine the influence of fertility patterns on parents’ mortality, the contribution of parents’ longevity to their children’s lifespan, and whether a family history of disease affects the risk of dying from that same disease. The volume emphasizes the importance of studies that include and compare other factors related to social organization with information on multi-generational families. The authors elucidate previous explanations and provide provocative new [-]

Stochastic Calculus for Fractional Brownian Motion and Applications

Fractional Brownian motion (fBm) has been widely used to model phenomena in diverse fields from biology to finance. This huge range of potential applications makes fBm an interesting object of study. Several approaches have been developed to the concept of stochastic calculus for fBm. The purpose of this book is to present a comprehensive account of the different definitions of stochastic integration for fBm, and to give applications of the resulting theory. Particular emphasis is placed on studying the relations between the different approaches. Readers are assumed to be familiar with probability theory and stochastic analysis, although the mathematical techniques used in the book are thoroughly exposed and some of the necessary prerequisites, such as classical white noise theory and fractional calculus, are recalled in the appendices. This book will be a valuable reference for graduate students and researchers in mathematics, biology, meteorology, physics, engineering and finance.

Features
The first book to compare the different frameworks and methods of stochastic integration for fBm. It also discusses the applications of the resulting theory. Written by leading contributors to the field.

Contents

Features
This book will be a valuable reference for graduate students and researchers in mathematics, biology, meteorology, physics, engineering and finance.

New Issues and Paradigms in Research on Social Dilemmas

This edited volume has been compiled to present the latest developments in the field of social dilemma research. Social dilemmas are situations when there is a conflict between self-interest and collective interest. Research in this area has gained interest in the last twenty years in disciplines such as sociology, psychology, and economics. It also has wide applications to numerous real-world issues such as environmental degradation, organizational management, and societal public good. The main aim of this work was to investigate under what circumstances people make decisions that are inline with the collective interest as well as investigating what can increase the likelihood of cooperation. There will be three main sections mirroring the different levels of analysis: individual, group, and societal.

Features
Presents the latest developments in the field of social dilemma research. The social dilemma field has wide applications to numerous real-world issues such as environmental degradation brought on by human behavior, cooperative behavior in organizations, as well as willingness to contribute to societal public goods.

Contents

Fields of interest
Sociology; Industrial and organisational psychology; Personality & Social Psychology

Target groups
Those working in social justice and social psychology – two areas that straddle both sociology and psychology. It may also be of interest to those in political science and economics.

Type of publication
Professional book

Due December 2007

2008. XI, 288 p. 35 illus. Hardcover

69,95 €
### Impacts of Megaconferences on the Water Sector

Since the late 1990s, megaconferences in the water-related sectors have become regular occurrences. The latest one, in Mexico City, in March 2006, is estimated to have cost $205 million, and had 19,000 participants. In spite of such huge costs, not a single water megaconference has ever been evaluated in terms of its overall impacts on the water sector. The book is the first pioneering study to assess the impacts of the megaconferences on water policies, programmes and projects at global, regional and national levels. The results are bleak. The evaluation indicated that except for the UN Water Conference, held in Argentina in 1977, the impacts of the subsequent megaconferences have been at best marginal in terms of knowledge generation and synthesis, poverty alleviation, and/or environmental conservation.

**Features**

First pioneering assessment study of the impacts of megaconferences in water-related sectors on water policies, programmes and projects at global, regional and national levels.

**Fields of interest**

Hydrogeology; Environmental Economics; Geotechnical Engineering; Waste Water Technology; Water Pollution Control; Water Management; Aquatic Pollution; Macroeconomics/Monetary Economics; Political Science

**Target groups**

Academic/corporate/hospital libraries; practitioners/professionals, scientists/researchers, lecturers/tutors, graduates, undergraduates, national and international water organisations, NGOs

**Type of publication**

Monograph

**Due March 2008**

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### Violence in Europe

Has violence changed over the centuries? Has it always held the same meanings for us? Will it always be a given in society? Taking the sociocultural long view, Violence in Europe analyzes the prevalence and role of violence—from street crime to terrorist attacks, homicide to genocide—in the evolution of human and national behaviour. The editors and 14 colleagues in history, anthropology, sociology, and psychology focus on Northern and Western Europe, examining centuries of violent phenomena, from the cultural logic of the Middle Ages to today’s soccer riots and security alerts. The contributors’ examination of social constructions (honor codes, class and gender roles) and public ambivalence (acceptance, abhorrence, fascination) regarding violence sheds needed light on current dynamics in law enforcement, political systems, and what many have termed “the civilization of violence.” Findings from Britain, France, Ireland, Belgium, and Scandinavia explore: The paradoxes of ethnic violence and ...

**Fields of interest**

Criminology & Criminal Justice; Social Sciences

**Type of publication**

Monograph

**Due January 2008**

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### Risk Assessment, Modeling and Decision Support

The papers in this volume integrate results from current research efforts in earthquake engineering with research from the larger risk assessment community. The authors include risk and hazard researchers from the major U.S. hazard and earthquake centers and some from abroad as well as programmers and analysts from leading insurance and risk assessment firms. The introductory chapter provides an historical overview of the rise of risk assessment in the U.S., with particular emphasis on the role of seismic risk assessment. Four key components of risk assessment and decision support software are analyzed in detail in the remaining papers: treatment of uncertainty, loss assessment, modeling of seismic mitigation strategies, and visualization of risk and uncertainty. The volume lays out a road map for future developments in risk modeling and decision support and positions earthquake engineering research within the family of risk analysis tools and techniques.

**Contents**


**Fields of interest**

R & D/Technology Policy; Environmental Management; Environmental Computing/Environmental Modelling; Quality Control, Reliability, Safety and Risk; Computer Appl. in Social and Behavioral Sciences; Applied Geosciences

**Target groups**

Scientists

**Type of publication**

Monograph

**Due December 2007**
Globalization and Environmental Challenges

Reconceptualizing Security in the 21st Century

Globalization and Environmental Challenges pose new security dangers and concerns. In this reference book on global security thinking, 92 authors from five continents and many disciplines, from science and practice, assess the global reconceptualization of security triggered by the end of the Cold War, globalization and manifold impacts of global environmental change in the early 21st century. In 10 parts, 75 chapters address the theoretical, philosophical, ethical and religious and spatial context of security; discuss the relationship between security, peace, development and environment; review the reconceptualization of security in philosophy, international law, economics and political science and for the political, military, economic, social and environmental security dimension and the adaptation of the institutional security concepts of the UN, EU and NATO; analyze the reconceptualization of regional security and alternative security futures and draw conclusions for future research and [...]

Fields of interest
Environmental Law; Political Science; Geography; Environmental Economics; Sociology; Climate Change

Target groups
Scientists, researchers, libraries, international organizations, institutes (environmental sciences, geography, demography, climatology, geosciences, economics, political sciences)

Type of publication
Reference work

Due December 2007

Computational Aspects of General Equilibrium Theory
Refutable Theories of Value

This monograph presents a general equilibrium methodology for microeconomic policy analysis intended to serve as an alternative to the now classical, axiomatic general equilibrium theory as exposited in Debreu’s Theory of Value (1959) or Arrow and Hahn’s General Competitive Analysis (1971). The methodology proposed in this monograph does not presume the existence of market equilibrium, accepts the inherent indeterminacy of nonparametric general equilibrium models, and offers effective algorithms for computing counterfactual equilibria in these models. It consists of several essays written over the last decade, some with colleagues or former graduate students, and an appendix by Charles Steinhorn on the elements of O-minimal structures, the mathematical framework for our analysis.

Fields of interest
Economic Theory; Game Theory/Mathematical Methods; Game Theory, Economics, Social and Behavioral Sciences; Operations Research, Mathematical Programming; Computer Appl. in Social and Behavioral Sciences

Target groups
Scientists

Type of publication
Monograph

Due January 2008

64.95 €

Rural Retirement Migration

This book examines the migration of older persons to rural retirement destinations in the United States. While most of the older persons are residually stable, those who migrate are disproportionately likely to move to a rural community. Moreover, with the aging of the baby boom generation, particular rural communities can expect even more retiree continue attracting older in-migrants in the future. The book examines rural retirement migration from the older in-migrants’ perspective and from the vantage point of the destination communities to which they move. This integrated micro-macro approach permits the authors to view older in-migrants as embedded in particular types of environments that facilitate and/or constrain their opportunities for productive living during older age. It also permits the examination of positive and negative affects of older in-migration for destination communities. The authors use a multiple methods approach featuring a panel survey of older in-migrants and [...]

Features
Combines micro- (older in-migrants) and macro- (retirement communities) levels of analyses Uses an integrated multiple methods research design to examine older in-migrants and the communities to which they move (panel survey, secondary census data, and case studies) Grounded analysis examines determinants and consequences of an increasingly important demographic trend (population aging) as it affects [...]

Contents
The Famine Early Warning Systems and Remote Sensing Data

This book describes the interdisciplinary work of USAID’s Famine Early Warning System (FEWS NET) and its influence on methodological and development policies in the US. FEWS NET operational needs have driven science in biophysical remote sensing applications through its collaboration with NASA, NOAA, USGS and USDA, and socio-economic methodologies through its involvement with USAID, UN WFP and numerous international non-governmental organizations such as Save the Children, Oxfam and others. The book describes FEWS NET’s systems, methods and presents several illustrative case studies that will demonstrate the integration of both physical and social science disciplines in its work.

Features
Truly interdisciplinary in that it describes both the remote sensing applications and socio-economic methodologies of early warning systems Will bring the work of USAID’s Famine Early Warning System Network (FEWS NET) into the public domain Suitable for course use by students and scholars

Fields of interest
Environmental Management; Remote Sensing/Photogrammetry; Meteorology/Climatology; Climate Change; Physical Geography; Human Geography

Target groups
Researchers and graduate students in physical geography and remote sensing applications as well as in social, environmental sciences and policy makers in the respective fields.

Type of publication
Monograph

Due March 2008


129.95 €
ISBN 978-3-540-75367-4

Railway Development
Impacts on Urban Dynamics

This book addresses the role of railways in urban development. The central aim is to inquire into how especially the development of high-speed rail and light rail links will affect European cities. The analyses are carried out with special attention given to the broader institutional environment of the railway system, including the shift toward privatised railway companies, internationalisation, the occurrence of market and government failures in land markets, and private-public partnerships in the development of railway station areas. The essence of the plans to invest in railway stations is that railway stations are not considered merely as nodes where people transfer from one vehicle to another, but also as places where spatial concentrations of high value activity are recognised as having a positive impact on cities. The development of real estate near stations is increasingly seen as a negotiation process in which both public and private actors play certain roles to revitalise central urban areas.

Contents

Fields of interest
Regional Science

Target groups
Scientists

Type of publication
Monograph

Due October 2007

2008. X, 419 p. 76 illus. Hardcover

109.95 €
ISBN 978-3-7908-1971-7

Modelling Regional Scenarios for the Enlarged Europe
European Competitiveness and Global Strategies

The aim of this book is to tackle the question of what the European territory will look like over the next fifteen years by providing quasi-quantitative territorial scenarios for the enlarged Europe, under different assumptions on future globalisation strategies of BRIC (Brazil, Russia, India and China) and East and West European countries. The approach is as neutral as possible vis-à-vis the results, leaving to a new forecasting model, the MASST model, built by the authors, to produce the tendencies and behavioural paths of regional GDP and population growth in each individual European region under alternative assumptions on the competitiveness strategies of different blocks of countries. The results are accompanied by strong policy messages intended to encourage long-term strategic thinking among a wide range of actors, scientists and policy makers in response to the risks and opportunities that the European territory will face.

Fields of interest
Regional Science; Economic Growth; Economic Geography; Development Economics; European Integration; Landscape/Regional and Municipal Planning

Target groups
Researchers

Type of publication
Monograph

Due November 2007


84.95 €
ISBN 978-3-540-74736-9
Principles of Natural Resource Stewardship
Resilience-Based Management in a Changing World

This is a textbook for Natural Resource Management, Resource Conservation and Ecosystem Management, as well as other related or more specialized courses. Most textbooks on natural resource and ecosystem management are dominated by a steady-state view that interprets change as gradual and incremental and disregards interactions across scales. Management implementation of steady-state theory and policies tends to invest in controlling a few selected ecosystem processes, at the expense of long-term social-ecological resilience—i.e., the capacity of the system to cope with surprise and abrupt changes. Loss of resilience makes systems more vulnerable to both expected and unforeseen changes. Achieving desirable outcomes for humanity, such as those of the UN Millennium Development Goals on poverty, food security, and environmental sustainability, will require new integrated and adaptive approaches to social and economic development, where the complex interconnectedness between humans and nature, at all [...]

Features
1. Textbook for Natural Resource Management and related courses. 2. First textbook to take a resilience-based approach to the ecology and management of resources. It focuses on ecosystems ability to adapt to change. 3. Chapin is the author of Principles of Terrestrial Ecosystem Ecology & Plant Physiological Ecology. 4. Provides a framework for managing resources in a world dominated by uncertainty and [...]

Contents
A Framework for Understanding Change. - Managing Ecosystems Sustainably. - Human vulnerability, adaptation, and resilience. - Dynamics of integrated social-ecological systems. - Conservation and livelihoods: Sustaining and restoring the cultural connections to land. - Landscape stewardship. - Discovering the missing connections to sustain vulnerable systems. - Forest systems: Living with long-term change. - Drylands. - Coping with uncertainty, thresholds, and changes in state. - Lakes and rivers: Managing connections across temporal and spatial scales. - Oceans and [...]

Fields of interest
Environmental Management; Nature Conservation; Monitoring/Environmental Analysis/Environmental Ecotoxicology; Ecosystems; Environmental Law; Geoecology/Natural Processes

Target groups
Nat Resources, Conservation, Ecosystem management & undergrad and grad stdnts, managers and policy makers with & ecology, anthropology, economics, and political science backgrounds.

Type of publication
Graduate/advanced undergraduate textbook

Due April 2009

F.S. Chapin, III, University of Alaska, Fairbanks, AK, USA; G. Kofinas, University of Alaska, Fairbanks, AK, USA; C. Folke, University of Stockholm, Stockholm, Sweden (Eds.)
Digital Government
E-Government Research, Case Studies, and Implementation

Digital Government, E-Government Research, Case Studies, and Implementation provides the field with a definitive, interdisciplinary, and understandable work that surveys the field of digital government in terms of key research, case studies of successful applications in a variety of government settings, along with discussions of current and future policy implications. Each chapter will be prepared and carefully edited within a structured format by a known expert on the chapter topic. The editors—who are also writing chapters themselves—and the authors are well-known researchers and practitioners in digital government. They have all been on the forefront of the IT and digital government research initiatives. Together the editors and expert chapter authors have developed a definitive textbook that can be used by researchers, practitioners and students across the discipline domains, of Information Systems, Information Science, Computer Science, Social Sciences, Public Policy and Business.

Features
Information technology—as it has with so many aspects of our business and everyday lives—is dramatically changing the way government manages data, shares data, plans, provides decision support and delivers services. At the core of all these changes is digital government or e-government. This is the first systematic survey treatment of the area written by those individuals who are at the leading edge of the [...]
### Sustainable Development and Environmental Management

Experiences and Case Studies

This book presents the new EU approach to environmental management and its attempt to place it in the perspective of sustainable development. China and other large and fast growing economies are putting increasing pressures on global environment, but they are also looking at the European experience with great interest. To critically present this experience can help those countries avoid the mistakes made by developed countries in dealing with the relation between economic growth and environmental protection, and to improve the institutions and tools for better environmental governance. The variety of issues covered and the wide approach used in this book make it a useful tool for readers interested in this subject and beginning to correct that deficit is the task of this book. The challenge accepted by this book is important because associations are central to important, developing areas of social theory and social action. For example, the theory of civil society is based on the notion that informal groups, social movements, civic associations, and small formal nonprofit organizations form a cohesive set of social organizations that integrate society. Grassroots and community-based organizations exist between the private social world of the family and the formal, "professional" contractual world [...]  

**Features**

The theory of civil society is based on the notion that informal groups, social movements, civic associations, and small formal nonprofit organizations form a cohesive set of social organizations that integrate society. They address a local problem, become an important focus of life for participants, and a formidable presence in the political realm. This volume will present contributions from experts in the field [...]  

**Contents**


**Fields of interest**

Sociology; Political Science; Industrial Organization

**Target groups**

Scientists, policy makers, professionals

**Type of publication**

Contributed volume

**Due October 2007**

2008. Hardcover

120,00 €

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### Measuring Entrepreneurship

Building A Statistical System

This volume provides a comprehensive review of the theoretical concepts and empirical models of entrepreneurship from a non-conventional perspective. Its main purpose is to contribute to the design of an efficient system of indicators of entrepreneurship and competitiveness. The existence of a gap between the theory of entrepreneurship and the methods and data available for testing its main propositions has been widely recognized. Hence, some of the most prestigious researchers have collaborated to review and develop the statistical sources, indicators and proxies currently available for empirical studies on the phenomena of entrepreneurship. The book thereby makes recent advances in the theory and application of the economics of entrepreneurship accessible to a wider audience, including policy makers, emphasizing data requirements to advance the future research agenda and to allow for a better design and monitoring of entrepreneurial policy.

**Contents**


**Fields of interest**

Entrepreneurship; Labor Economics; Statistics for Business/Economics/Mathematical Finance/Insurance

**Target groups**

Scientists, policy makers, professionals

**Type of publication**

Contributed volume

**Due December 2007**


92,95 €
ISBN 978-0-387-72287-0

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### Handbook of Community Movements and Local Organizations

This handbook takes voluntary associations as the starting point for making sense of communities. Although the way associations and the organization of local social life are intertwined is one of the oldest approaches to community study the way citizens and residents come together informally to act and solve problems has rarely been a primary focus. There is little direct research or theory dealing with this subject and beginning to correct that deficit is the task of this book. The challenge accepted by this book is important because associations are central to important, developing areas of social theory and social action. For example, the theory of civil society is based on the notion that informal groups, social movements, civic associations, and small formal nonprofit organizations form a cohesive set of social organizations that integrate society. Grassroots and community-based organizations exist between the private social world of the family and the formal, “professional” contractual world [...]  

**Contents**


**Fields of interest**

Sociology; Political Science; Industrial Organization

**Target groups**

Professionals and academics in Sociology, Political Science, Policy Studies and Economics, focused on the study of Nonprofit Management, Organizations, General Sociology

**Type of publication**

Handbook

**Due December 2007**

2008. X, 436 p. (Handbooks of Sociology and Social Research) Softcover

61,60 €
Economics 15

Nuclear Test Ban
Converting Political Visions to Reality

The book gives a broad presentation in laymen’s language of the creation and the implementation of the treaty prohibiting nuclear test explosions ( Comprehensive Nuclear-Test-Ban Treaty: CTBT), one of the key guarantors against nuclear proliferation. The book gives a unique insight into the challenging international work to establish a complex technical system of global reach in a political environment, provided by those who guided this work for more than 25 years. The book reviews the extensive nuclear testing that has taken place and efforts and arguments to create a test ban. It describes the unprecedented effort at the Conference on Disarmament in Geneva by scientists from around the world to form a common understanding on how to verify a test ban treaty and to develop a prototype of a global verification system. This work was also a significant confidence building activity at the height of the cold war. The book gives a brief analysis of the political negotiations and of the Treaty itself. The [...] Features
CTBT is likely to be on the front pages the coming years - this book gives you the background. The most comprehensive verification system ever created is soon operational - this book gives you an assessment. Science for Security is a concept of the CTBT and of this book. This book provides a unique insight to the creation and implementation of a treaty by those at the helm.

Fields of interest
Political Science; Geophysics/Geodesy; Science, general; Applied Geosciences

Target groups
Professionals in political, diplomatic, military areas, Politicians and their staffs Scientists and graduate students in political science Researchers at institutions in security related fields NGOs - a broad range Journalists. Secondary Market Laymen who have background and interest in security politics and arms

Type of publication
Monograph

Due March 2008


59,95 €
ISBN 978-1-4020-6883-6

Sustainable Development and the Limitation of Growth
Mankind’s Greatest Challenge

Features
Addresses one of the most urgent and critical problems of our civilization. Highlights the importance of global environmental stability. Shows humanity its real place in the natural environment. Emphasizes the gravity of the ecological threat before us. Demonstrates the need to move from modern industrial thinking to new ecological thinking. Takes a holistic approach to the global economic [...] Fields of interest
Environmental Management; Climate Change; Environment, general; Environmental Economics

Target groups
Undergraduate and postgraduate students and researchers of global change, ecology and sustainable development

Type of publication
Monograph

Due May 2008


79,95 €
ISBN 978-3-540-75249-3

Environmental Policy Instruments for Conserving Global Biodiversity

The current, unprecedented loss of global biodiversity resulting from anthropogenic interference in the world’s ecosystems is affecting human well-being across the globe with increasing severity. This book examines two issues that are at the center of the public discussion on biodiversity. First, it examines whether genetic information derived from biodiversity can be used to create incentives to effectively preserve biodiversity. Second, it examines whether establishing and managing protected areas can be accomplished effectively on an international level by using transfer payments. It concludes that, although both approaches have their strengths, neither of them can provide a degree of preservation that is sufficient from a global perspective.

Fields of interest
Environmental Economics; Economic Policy; Environment, general; Biodiversity

Target groups
Researchers

Type of publication
Monograph

Due October 2007


109,95 €
ISBN 978-3-540-73747-6
Emergent macroeconomics

This book contributes substantively to the current state of the art of macroeconomics by providing a method for building models in which business cycles and economic growth emerge from the interactions of a large number of heterogeneous agents. Drawing from recent advances in agent-based computational modeling, the authors show how insights from dispersed fields like the microeconomics of capital market imperfections, industrial dynamics and the theory of stochastic processes can be fruitfully combined to improve our understanding of macroeconomic dynamics. This book should be a valuable resource for all researchers interested in analyzing macroeconomic issues without recurring to a fictitious representative agent.

Fields of interest
Nonlinear Dynamics, Complex Systems, Chaos, Neural Networks; Economic Systems; Industrial Organization; Macroeconomics/Monetary Economics; Finance/Banking

Target groups
Institutes, libraries; graduate students

Type of publication
Professional book

Due February 2008


49.95 €

Science of Ecosystem-Based Management

Narragansett Bay in the 21st Century

Science for Ecosystem-Based Management: Narragansett Bay in the 21st Century addresses the broad problem of coastal nutrient pollution. In the U.S., approximately two-thirds of the coastal rivers and bays are moderately to severely degraded from nutrient pollution. However, debates continue about how large a problem nutrient pollution is and what actions to take, and since effective management requires decisions at a local scale, an in-depth case study can provide valuable guidance. Narragansett Bay is one of the best-studied estuaries in the world. Rhode Island has been developing regulatory and management actions to reduce nutrient inputs, particularly those of nitrogen, to the waters of Narragansett Bay. This book was developed in response to a symposium addressing this mandate with coastal estuarine scientists and environmental management agency personnel. The contributors use long-term data sets to discuss the interactions among biological, ecological, chemical, and physical processes, and [...] Features

Large case study provides detailed information on nutrient pollution for students, researchers and professionals. Local approach provides managers with useful guidance and solutions. Interactions between biological, ecological, chemical, and physical processes in Narragansett Bay are explored

Contents
Marine Ecology; Environmental Management; Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution; Applied Ecology; Nature Conservation; Limnology

Target groups
Researchers, environmental managers, graduate students, upper-level undergraduates

Type of publication
Reference work

Due December 2007


69.95 €

Measuring Globalisation

Understanding Its Causes and Consequences

During the last few decades, human dynamics, institutional change, political relations, and the natural environment have become successively more intertwined. While the increased global economic integration, global forms of governance, globally interlinked social and environmental developments are often referred to as “globalisation,” there is no unanimously-agreed upon definition of the term. Depending on the researcher or commentator, it can mean, among other things, the growing integration of markets and nation-states, receding geographical constraints on social and cultural arrangements, the increased dissemination of ideas and technologies, the threat to national sovereignty by transnational actors; or the transformation of the economic, political and cultural foundations of societies. Regardless of perspective, globalisation permeates our economic, political, and social institutions to a profound degree. Recently, the issue of “sustainability” has reached the mainstream: are the forces of [...] Features

Globalization a timely & controversial topic. Presents comprehensive synthesis/overview of perspectives/approaches to “globalisation,” defines the term in more objective, scientific terms. Presents rigorous empirical measures of globalization & its economic, political & social impact, with implications for management & policy. Authors represent different theoretical perspectives; are prolific & ambitious.

Contents
Introduction. - Towards an understanding of the concept of globalization. - The Use of indicators to measure globalization. - The measurement of globalisation. - Consequences of globalization reconsidered: applying the indices

Fields of interest
Development Economics; Economic Growth; Economic Policy; International Economics

Target groups
Academic/research, corporate & institutional libraries w/ collections in topics listed below. Professors, researchers & students of globalization, economic policy, economic development & growth, international trade & international business, environmental protection & sustainability. Economists & policy consultants; officers of multi-national agencies; executives of multi-national organizations; policymakers; social activists & community leaders

Type of publication
Monograph

Due April 2008


61.60 €
Agent-Based Modeling
The Santa Fe Institute Artificial Stock Market Model Revisited

This book reconciles the existence of technical trading with the Efficient Market Hypothesis. By analyzing a well-known agent-based model, the Santa Fe Institute Artificial Stock Market (SFI-ASM), it finds that when selective forces are weak, financial evolution cannot guarantee that only the fittest trading rules will survive. Its main contribution lies in the application of standard results from population genetics which have widely been neglected in the agent-based community. This has led to various misinterpretations of previous simulation results. The book is able to finally establish the emergence of technical trading for faster learning speeds in the SFI-ASM beyond a doubt. In emphasizing the importance of genetic drift as an important evolutionary factor and analyzing its effects on various mutation operators, this book provides agent-based modelers with several tools to design better evolutionary algorithms.

Contents

Fields of interest
Financial Economics; Artificial Intelligence (incl. Robotics); Operation Research/Decision Theory; Methodology and the History of Economic Thought; Computer Appl. in Social and Behavioral Sciences

Target groups
Scientists

Type of publication
Monograph

Due October 2007


59.95 €
ISBN 978-3-540-73878-7

E-business and Telecommunication Networks

This book constitutes the refereed proceedings of the Second International Conference on E-business and Telecommunication Networks, ICETE 2005, held in Reading, UK, on October 3-7, 2005. The 85 revised full papers presented were carefully reviewed and selected from 151 submissions. The papers are organized in topical sections on Global Communication Information Systems and Services, Security and Reliability in Information Systems and Networks, Wireless Communication Systems and Networks, and Multimedia Signal Processing.

Fields of interest
e-business and e-commerce; Systems and Data Security; Data Structures, Cryptology and Information Theory; Computer Communication Networks; Computer Systems Organization and Communication Networks

Target groups
Researchers and professionals

Type of publication
Proceedings

Due November 2007

2007. XIII, 293 p. (Communications in Computer and Information Science, Vol. 3) Softcover

58.00 €
ISBN 978-3-540-75992-8

Topics in Applied Macrodynamics
Theory

This book presents topics in applied dynamic macroeconomy for closed and open economies. The authors give an advanced treatment of macroeconomic topics such as the Phillips curve, forward and backward looking behavior, open economy macrodynamics, structural macroeconomic model building as well as the empirics of Keynesian oriented macro models. They start from the closed economy and consider open economies for fixed and flexible exchange rate systems with free international capital flows later on. The dynamics of open economies in the context of interacting two country models are treated as well. The macrofounded approach extends and integrates non-market-clearing traditions in macrodynamics. It is compared to New Keynesian approaches which are generally rigorously microfounded, but often neglect to study macroeconomic feedback mechanisms (that may be stabilizing or destabilizing). The chapters - though representing a coherent whole - are self-contained and can be used independently of each other.

Features
Presents advanced quantitative approaches to dynamic macromodeling.

Due January 2008


119.95 €
ISBN 978-3-540-72541-1
Hydropower Economics

Hydropower Economics examines sustainable alternative energy sources, beginning with modeling hydropower and extending the model to include thermal power and wind power. The book uses various econometric measures, equilibrium metrics, OR methods, and DEA/productivity analyses to analyze and model the optimal use of these alternate energy sources. Because these problems are dynamic in nature, dynamic methods are used to model the problems. The book derives its results on the allocation of the amounts of alternate sources of energy (water, thermal, and wind) required to produce electricity at acceptable levels over time. Graphic illustrations of the analytical and mathematical modeling used to reach research conclusions are used throughout the book.

Features
With many world problems related to energy and energy consumption, there will be considerable interest in the book and its research analyses. The book will also be of keen interest to OR and DEA researchers, who are interested in environmental and energy problems, Energy/Environmental Economists, and Environmental Engineers.

Contents

Fields of interest
Econometrics; Energy Economics; Renewable Energy Sources; Operation Research/Decision Theory; Environmental Economics; Environmental Management

Target groups
Researchers and students in energy or natural resource economics, plus engineering students, economists, electrical market regulators, and practitioners in the power industry.

Type of publication
Monograph

Due November 2007

Dynamics of Conflict

The mechanisms of protest and revolution have been the subject of theoretical research for over a century, yet the lack of data has hindered the empirical validation of conflicting theories. In this book, the author presents a unique new set of sub-daily data from over thirty countries and seven civil wars and uses them to test two models of conflict, the predator-prey model and the competing species model. The dynamic nature of the data modelling and the novelty of the dataset make this work a unique contribution to the field of conflict research. The Dynamics of Conflict will help to re-evaluate existing theories and charts a new course towards the formal and statistical modelling of conflict.

Features
- New data: unique sub-daily dataset of civil conflict
- Dynamic analysis of conflict processes

Contents
Introduction to Theory and the Problem Set. - Dynamics of Protest and Repression in Democratic Contexts. - Dynamics of Protest and Repression in Autocracies and Dictatorships. - Varied Dynamics in Bandwagon Mobilizations. - Dynamics and Stability in Civil War. - Conclusion

Fields of interest
Political Science; Sociology; Game Theory/Mathematical Methods; Game Theory; Economics, Social and Behavioral Sciences

Target groups
Researchers and graduate students in political science, economics and sociology

Type of publication
Monograph

Due January 2009

Duality in Mathematical Finance

This monograph presents an advanced and unified treatment of four important issues that have dominated the theoretical research in mathematical finance for the last ten years: (1) the fundamental theorem of asset pricing; (2) utility maximization in incomplete markets; (3) pricing in incomplete markets; (4) the risk measurement of a static payoff and of a cash-flow stream. The powerful tools of convex analysis and duality theory are systematically applied to investigate these topics, under very general assumptions on the financial markets. This duality approach reveals the prominent role of the investor’s preferences in all these fundamental issues and contributes to a deeper understanding of the economic aspects of the theory.

Fields of interest
Quantitative Finance

Type of publication
Monograph

Due November 2008


44.95 €
ISBN 978-3-540-40108-7
International Clinical Sociology

International Clinical Sociology showcases the art and science of clinical sociologists from around the world. Clinical sociology is a creative, humanitarian, and multidisciplinary specialization that seeks to improve life situations for individuals and collectivities. Clinical sociologists work with client systems to assess situations and avoid, reduce, or eliminate problems through a combination of analysis and intervention. International Clinical Sociology is the first volume to present basic clinical sociology diagrams and models in addition to detailed histories of clinical sociology in the United States, Quebec, France and Japan. A range of interventions are discussed in light of a region’s economic, social, political, and/or disciplinary history. Among the topics that are covered: mediation, environmental justice activities in Brazil, focus groups for international clients, bereavement, conflict prevention work in Malaysia, movement building in the United States, a therapeutic house for [...]}

Fields of interest
Sociology; Social Work

Target groups
Sociology professors and practitioners, sociology students interested in clinical and applied sociology as well as a variety of academics and professionals who are interested in intervention (e.g., city managers, business owners, NGO leaders, social science professors, social service personnel)

Type of publication
Graduate/advanced undergraduate textbook

Due December 2007

Stock Management for Sustainable Urban Regeneration

Fields of interest
Regional Science

Type of publication
Monograph

Due December 2007

Implementing Models in Quantitative Finance: Methods and Cases

This book puts numerical methods into action for the purpose of solving concrete problems arising in quantitative finance. Part one develops a comprehensive toolkit including Monte Carlo simulation, numerical schemes for partial differential equations, stochastic optimization in discrete time, copula functions, transform-based methods and quadrature techniques. The content originates from class notes written for courses on numerical methods for finance and exotic derivative pricing held by the authors at Bocconi University since the year 2000. Part two proposes eighteen self-contained cases covering model simulation, derivative valuation, dynamic hedging, portfolio selection, risk management, statistical estimation and model calibration. It encompasses a wide variety of problems arising in markets for equity, interest rates, credit risk, energy and exotic derivatives. Each case introduces a problem, develops a detailed solution and illustrates empirical results. Proposed algorithms are implemented [...]}

Fields of interest
Quantitative Finance; Computational Mathematics and Numerical Analysis; Partial Differential Equations; Numerical Analysis

Target groups
MSs students, Ph.D. candidates, teachers and researchers in applied finance, traders and model developers at financial, insurance and industrial institutions

Type of publication
Monograph

Due December 2007
### Demographic Change in Germany

**The Economic and Fiscal Consequences**

This book provides an up-to-date summary of the consequences of demographic aging for labor markets, financial markets, economic growth, social security schemes and public finances in Germany, essentially reflecting the present state of knowledge in any of these areas. Compared to other industrialized countries, Germany offers an important example as the country is hit particularly strongly by demographic aging, a process that will become acute over the next three to five decades. The reasons for this as well as the implications for German public policies are also discussed in the book. All contributions are written by leading experts in their fields and are based on results that emerge at the forefront of current research. They are presented in a way that is meant to be accessible not only for specialized scholars, but for interested readers with a non-technical background as well.

**Features**
- Up-to-date summary of consequences of demographic aging
- Germany as illustrative example
- Leading experts use methods of the forefront of current research
- Long-term projections

**Contents**
- Ingrid Hamm: Foreword
- Helmut Seitz, Martin Werding: Introduction
- Charlotte Hohn, Ralf Mai, Frank Micheel: Demographic Change in Germany
- Willi Leibfritz, Werner Roeger: The Effects of Aging on Labor Markets and Economic Growth
- Axel Börsch-Supan: The Impact of Global Aging on Capital Markets and Housing
- Martin Werding: Social Insurance: How to pay for Pensions and Health Care
- Hermut Seitz: Finanzen der Gebietskörperschaften
- Johannes Meier: Political Governance of Economic Change
- Michaela Kreyenfeld, Dirk Konietzka: Education and Fertility in Germany

**Fields of interest**
- Population Economics; Public Finance; Economic Growth; Demography; Aging; Social Policy

**Target groups**
- Scientists and practitioners (in public administration)

**Type of publication**
- Monograph

**Due October 2007**

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### Comparative Third Sector Governance in Asia

**Structure, Process, and Political Economy**

Non-profit organizations, NGOs and other third sector organizations are increasingly playing a central role in achieving and sustaining a prosperous economy and a just civil society in countries around the world. While their importance is widely acknowledged, their sustainability is not guaranteed and depends to a large extent on effectiveness and accountability of their governance. In Europe and North America, the governance of these organizations (setting directions and strategies; identifying and ensuring quality of goods and services; defining and maintaining relations among the stakeholders; relating the organization to its wider society) is generally seen as the role of the board of directors or the governing board. In other parts of the world, specifically Asia, not much is known about the organization and running of these groups. The book – the first of its kind – establishes new theory and knowledge in the area of third sector organizations (TSOs) in Asia. The main purpose of [...]  

**Features**
- First international volume to look at governance in TSO is Asia
- Based on a 3-year comparative study conducted at the CACOM Center at the University of Technology, Sydney
- Cases represent a wide variety of Asian culture and religion, historical and colonial past, and legal and political tradition

**Contents**
- Third Sector Organisation Governance: Introducing the Themes and the Chapters
- Third Sector Growth and Governance
- Legal Environment for TSO Governance
- Perceptions of Third Sector Governance in Asia
- Asian Third Sector Organisation and Governance Structure
- Third Sector Organisations and Governance Process
- Accountability And Performance in Asian Third Sector Organisations
- Collective Governance
- Three Models of Organisational Governance in Asia’s Third Sector
- Governance Approach in Asia’s Third Sector
- Third Sector Governance in [...]  

**Fields of interest**
- Sociology; Political Science; Regional and Cultural Studies

**Target groups**
- Researchers NGOs, third sector organizations and civil society - especially on a global level, those in Asian studies

**Type of publication**
- Contributed volume

**Due January 2009**
Globalization and Summit Reform

An Experiment in International Governance

This account of the ‘L-20 project’ describes and analyses a 3-year mobilization designed as an alternative to the political deadlocks preventing progress on critical global issues. The L-20 would include leaders from the existing G-countries, augmented by key regional powers such as China, Brazil, India, South Africa and Egypt. The book traces the origins and findings of the project, which generated a broad array of cutting-edge research and over twenty substantive, action-oriented workshops involving hundreds of experts and practitioners around the world. The workshop series examined in detail the operational possibilities for a Leaders Group addressing a range of issues, including infectious disease control, climate change/global warming, energy security, nuclear proliferation, management of international financial crises, and the provision of safe drinking water and sanitation, to name just a few. In the context of a rapidly globalizing world, the book addresses the classical problems of [...]"}

Material Flow Management

Systems, Technology and Finance for a Sustainable Future

This guidebook gives a comprehensive introduction into the optimization of energy and material systems, i.e., companies, cities, and counties. It combines the fields of ecology, management, technology and microeconomics. So the book offers the theoretical background of material flow, it explains how to apply material flow management and thus, encourages the reader to develop new material flow management projects. An interactive web-based e-Learning tool will complete the book.

Features

The book transfers visionary policies into real-life applications. It is a guidance into systematic thinking and an application of Material Flow Management.

Contents

Theoretical background: systems, material and energy. - Clean technology and Technology Change Management. - Environmental Politics. - Applied Material Flow Management: Global Show-Cases and Best Practice

Fields of interest

Environmental Management; Renewable Energy Sources; Waste Management/Waste Technology; Waste Water Technology / Water Pollution Control / Water Management; Aquatic Pollution; Environmental Economics; Technology Management

Target groups

Bachelor / Master students and applied scientists in the fields of environmental management, ecosystem management, industrial ecology, ecological economics and environmental technologies. - Companies as basic training course. - Municipalities and Politicians

Type of publication

Monograph

Due April 2008

99,95 €

Turning Hydropower Social

Where Global Sustainability Conventions Matter

This book emphasizes the importance of involving stakeholders in data formation related to assessments of hydropower development. This is a prerequisite if projects are to be sustainable. The study targets policy formation after the UNCED and UNSSD conventions, and how a discrepancy emerges between policy and its implementation by using hydropower development as an extended case. At global and national levels new policies make it mandatory for implementing agencies to introduce or expand social considerations far beyond old practices. This calls for new emphases in problem areas as well as methods to optimize the access information required by policy for proper implementation. By drawing on about a dozen project cases, with among others Swedish Sida support, examples show how policy change has gradually influenced project design and implementation, but also how this change process is slow and reliant on improvement from the dominating technical and economic traditions for project assessment. The [...]"}

Features

Addresses the specific case of hydropower development to study gaps between policy formation and implementation

Contents

Relating Hydropower Planning to Global Conventions. - Sustainable Development Issues in Hydropower Planning. - Social Catches of Hydropower. - Hydropower and Regional Development for Poverty Reduction. - Decentralisation and a Rights Approach in Hydropower Development. - Hydropower Implementation Performance for Sustainable Development

Fields of interest

Environmental Management; Nature Conservation; Waste Water Technology / Water Pollution Control / Water Management; Aquatic Pollution

Target groups

Practitioners and professionals in the fields of environmental engineering and management

Type of publication

Monograph

Due December 2007

99,95 €
The Economics of Forest Disturbances

Wildfires, Storms and Invasive Species

This book provides a unique, state-of-the-art review of both traditional and emerging themes in the economics of natural forest disturbances. Although natural disturbances such as wildfire, hurricanes and pests have long been recognized as important factors influencing the structure and health of forests, recent and dramatic increases in the costs and damages associated with forest disturbances necessitates a new evaluation of these processes. The authors show that neo-classical economic principles can be integrated with ecosystem analysis and modern econometric methods to uncover the causes and consequences of natural forest disturbances. The chapters encompass modern areas of concern in forest economics and policy, including temporal and spatial dynamics of economic-ecologic systems, risk-reducing mitigation and adaptation strategies, and the valuation of impacts on market and non-market resources. These topics are developed with case studies demonstrating rigorous empirical analysis with a [..]

Features
The first book to evaluate the economic aspects of natural forest disturbances Written by leading experts in the field Contains rigorous empirical analyses within a policy oriented focus Integrates economics and ecology of disturbances Systematic analysis of different sources of forest disturbances in a unified framework

Contents

Fields of interest
Forestry Management; Environmental Management; Economic Policy; Agricultural Economics; Environmental Economics

Target groups
Forest policy analysts and decision-makers, risk managers, forest economists and graduate students studying natural resource economics.

Type of publication
Contributed volume

Due March 2008

[Content continues with additional information and details about the book's availability and contents, not transcribed here.]
People, Population Change and Policies
Lessons from the Population Policy Acceptance Study vol. 1: Family Change

The content of the two volumes with the title "People, Population Change and Policies: Lessons from the Population Policy Acceptance Study" is based on the DIALOG project, an international comparative analysis of PPA survey data collected in participating countries. The DIALOG project was funded by the European Commission for three years (2003 – 2005). A co-ordinated, but nationally financed PPA survey had been conducted in 14 European countries: Austria, Belgium (Flanders), Cyprus, the Czech Republic, Estonia, Finland, Germany, Hungary, Italy, Lithuania, the Netherlands, Poland, Romania and Slovenia. The second data source is a Policy-Delphi study, which follows a qualitative approach – in addition to the countries mentioned above also Switzerland participated. In these two volumes for the first time the data from the DIALOG project will be systematically and scientifically analysed. The research questions can be allocated to specific issues, as they are reflected in the modular conception [...] Features
International comparative analysis of surveys on demographic change based on about 34000 interviews in 14 European countries Lessons drawn on what future will demographic trends bring and what will be the consequences for the family, children, equal opportunities and the ageing of the population Methodological guide for the analysis and the full database for the scientific community, students and other [...] Contents

Fields of interest
Demography; Sociology; Social Policy; Statistics for Social Science, Education, Public Policy, and Law; Political Science

Target groups
Researchers, Policy makers, Students

Type of publication
Contributed volume

Formulation of Appropriate Laws:
A New Integrated Multidisciplinary Approach and an Application to Electronic Funds Transfer Regulation

The formulation of efficient laws (i.e., legal rule formulation) is a central issue in the study, practice and implementation of laws since efficient laws have profound positive social, economic political and welfare effects. This book has developed a new approach to the formulation of efficient laws with an illustrative application to electronic fund transfer regulation in Australia. Fragmented approaches to the formulation of laws such as ‘comparative law analysis’ and ‘welfare economic analysis of laws’ exist in the existing literature which are affected by laws is necessary in formulating efficient (socially desirable) laws. In this book, an integrated approach that embeds these 2 approaches as well as other considerations of other dimensions of human welfare is developed. This approach can be applied to formulate efficient laws, irrespective of social, political and economic organisations of the country under study, which maximise social welfare of the country.

Features
New approach to the formulation of efficient laws
Quantitative empirical analysis of legal rule formulation

Fields of interest
Law Theory/Law Philosophy; Law and Economics; International & Foreign Law; Financial Law/Fiscal Law; Political Science

Target groups
Researchers, academics, practitioners, and policy makers in the areas of law, finance, banking, economics and development management

Type of publication
Monograph

Due January 2008


109,95 €
ISBN 978-3-540-72046-1

Due February 2008

Hardcover

174,95 €
**Foundations in Microeconomic Theory**  
A Volume in Honor of Hugo F. Sonnenschein

This volume collects papers from Hugo Sonnenschein’s students with the aim of demonstrating his tremendous impact as an advisor. The papers span decades, with the earliest coming from his advisees in the first years of his career and the most recent coming in the last two years after his return to research and advising that followed his adventures as a university administrator. Each paper is accompanied with a preface by the student that provides background on the paper and indicates Hugo’s influence on its genesis. The papers all lie in microeconomic theory, and moreover all make fundamental contributions to the foundations of the theory.

**Features**
- Presents some of the most important articles in microeconomic theory of the last few decades
- Provides insights into the genesis of scientific papers
- Introductions to each chapter written by the authors
- Outlines how the work came to be written and which insights into the genesis of scientific papers
- Offers a cross-disciplinary approach to examining dialogue as a communicative medium

**Fields of interest**
- Microeconomics; Economic Theory

**Target groups**
- Researchers in the field of microeconomics

**Type of publication**
- Commemorative publication

**Due February 2008**

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**Dialogue as a Collective Means of Design Conversation**

**Volume II**

Dialogue as a Collective Means of Design Conversation is the second volume edited by Patrick M. Jenlink and Bela H. Banathy to offer a cross-disciplinary approach to examining dialogue as a communicative medium. In this Compendium, the contributing authors set forth their ideas, experiences, and perspectives as the path of a learning journey—a journey of new meaning, of new understanding, and of becoming self-aware of design conversation as future creating and consciousness evolving. In particular, this volume comes at a time when we as a global society are faced with the question of how we shape our actions and in turn shape our future, through conversation that is focused on resolving global conflict and fostering world peace. The volume evokes in the reader a realization that our greatest potential rests, in no small measure, with our collective capacity for cultural creativity and in our capacity to achieve new levels of consciousness through dialogue and design conversation.

**Features**
- Focuses on and explores different modes of conversation and the application of design conversation
- Features conversation as future building and consciousness evolving
- Focuses on the multiple levels of social interaction

**Contents**

**Fields of interest**
- Sociology; Philosophy of the Social Sciences; Quality of Life Research; Philosophy of Technology; Business/Management Science, general; Organization/Planning

**Target groups**
- Academic researchers and graduate students

**Type of publication**
- Contributed volume

**Due December 2007**

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**Contemporary Sociological Theory**  
An Integrated Multi-Level Approach

The overall organizing framework employed in this textbook is based primarily on the distinctions among different levels of social reality. Theorists routinely distinguish between micro and macro levels of analysis. The micro level involves a focus on human agency and choice and the dynamics of personal relationships and small-scale social systems of various types, particularly those involving face-to-face encounters. The macro level, in contrast, is concerned with larger-scale social systems, typically at the level of the total societies. In addition to micro and macro levels, various intermediate (or “meso”) levels of analysis may also be identified. This book is distinctive as a theory text in giving explicit attention to organizations, communities, markets, and socioeconomic classes as meso-level social formations that can be identified between the micro level of face-to-face relations and the macro-level institutional structures of the overall society. Contemporary Sociological Theory is divided [...]
Social Capital and Health

Social Capital and Health discusses social capital—a concept that originated in the social sciences—and its application to the field of public health. The editors take care to define the concept of social capital, describe its theoretical origins, and discuss the controversies and debates surrounding the use of the concept in public health research and practice. The book provides a comprehensive “tool kit” of current approaches to measure social capital. Further, the book surveys the empirical evidence linking social capital to physical and mental health outcomes, health-related behaviors (like smoking), and aging-related outcomes.

Features
Kawachi is a well-known researcher and author in this field. The book is addressing social determinants of health which is a hot topic within Public Health. There is a growing demand for material on social capital, particularly in the applied fashion presented here.

Contents

Fields of interest
Health Care Administration; Sociology; Health Promotion and Disease Prevention; Epidemiology

Target groups
Graduate students and researchers in public health, health behavior and social epidemiology and social medicine coursework

Type of publication
Graduate/advanced undergraduate textbook

Monte Carlo and Quasi-Monte Carlo Methods 2006

This book represents the refereed proceedings of the Seventh International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing, held in Ulm (Germany) in August 2006. The proceedings include carefully selected papers on many aspects of Monte Carlo and quasi-Monte Carlo methods and their applications, as well as providing information on current research in these very active areas. Besides covering theory, the book is an excellent resource work for practitioners as well.

Fields of interest
Partial Differential Equations; Quantitative Finance; Engineering; Numerical Analysis; Mathematical and Computational Physics

Target groups
Researchers, graduate students

Type of publication
Proceedings

Due November 2007

99,95 €

Legitimacy in European Nature Conservation Policy

Building forth upon recent developments in democracy theory that have identified multiple forms of legitimacy, this volume observes a EU-wide shift from output legitimacy to input and throughput legitimacy. Top-down policy making is increasingly meeting local resistance. As a result, the importance for policy makers of enhancing the democratic legitimacy of their policy plans has increased. In this volume, nine case studies are presented, seven case studies of protected areas in different countries (Belgium, Germany, Poland, Spain, Finland, France and the UK), and two case studies of protected species (the geeze in the Netherlands, and the great Cormorant in Denmark and Italy). These case studies are followed by extensive comments. The volume opens with an introductory chapter on the problematic production of legitimacy in current European nature policy. It concludes with a chapter that situates the case studies within the wider EU environmental policy and political context.

Features
Integrates knowledge on a major piece of European policy (nature conservation policy) in a reflexive and comprehensive manner. Combines theories of governance with theories of legitimacy. Brings together empirical case studies and critical commentaries

Contents

Fields of interest
Nature Conservation; Political Science; Political Philosophy; Landscape/Regional and Municipal Planning; Biodiversity

Target groups
Academics interested in nature conservation policy and EU policy in general; policy practitioners in the area of nature conservation

Type of publication
Contributed volume

Due January 2008

104,95 €
Homo Oeconomicus
The Economic Model of Individual Behavior and Its Applications in Economics and Other Social Sciences

The economic model of behaviour is fundamental not only in economic theory, but also in modern approaches of other social sciences, above all in political science and law. This book provides a comprehensive treatise of the general model, its philosophical and methodological foundations and its applications in different fields. In addition to the basic model, extensions to its assumptions are examined to account for complex applications like low-cost situations with moral behaviour. Finally, the book takes a broader perspective, by evaluating the impact of the model on economic policy and on the development of the field of social science as a whole, such as the competition between individualistic and collectivist approaches.

Contents

Fields of interest
Methodology and the History of Economic Thought; Methodology of the Social Sciences; Political Science; Law and Economics

Type of publication
Monograph

Due February 2008

83.95 €

Building a Future with BRICs
The Next Decade for Offshoring

In 2003, Goldman Sachs published a startling report on the BRICs (Brazil, Russia, India, and China) region: These four countries would be larger than the G6 economies within 40 years, muscling their way to economic dominance over the coming decades, and powering past developed countries such as the United Kingdom, Germany, and Japan. This book focuses on the technology and technology-enabled services that underpin this social and economic revolution. The editor analyses the reasons why these four countries are in a unique position to lead a 21st century growth in international services. He then features 12 chapters written by the most important chief executives from the BRICs service economy. Indian technology leaders, such as Nandan Nilekani (Infosys), Shiv Nadar (HCL), and Rajendra Pawar (NIIT), feature alongside their peers from Brazil, Russia, and China outlining their views on the next decade for offshoring.

Features
Leading-edge thinking from some of the leading Chief Executive Officers in global information technology Analysis of the effects of the BRICs growth on the service sector Focus on technology and technology-enabled services

Fields of interest
Management; International Economics; Information Systems; Management of Computing and Information Systems; Political Science

Target groups
Practitioners, managers

Type of publication
Monograph

Due October 2007

2008. XVIII, 219 p. 8 illus. Hardcover
49.95 €

Coping with Water Deficiency
From Research to Policy Making

In line with the Water Framework Directive, this book stresses the need for an Integrated Water Resources Management (IWRM) approach to balance the competing demands on water—domestic, agricultural, industrial, tourism and environmental/eco- logical and promote economically efficient, socially equitable and environmentally sustainable water use in selected regions from Southern Europe, the Mediterranean and the developing world. Results from the research projects covered by this book, demonstrate that effective water management tools and decisions-making practices, are needed in order to complement integrated interventions for increasing the availability of supply and/or managing the growing demand for scarce water supplies. Further, the book attempts to bridge the gap between ideas and actions endorsed at the research-oriented environmental debate, and their translation into policy making structures and programs in developed and developing countries.

Features
Reports the culmination of the results of the ARID cluster of projects which examine water scarcity and demand in arid and semi-arid regions in the Mediterranean and Southern European Countries Also reports recent examples of methods for the identification of water management issues and the proposed mitigation measures in developing countries Covers a wide spectrum of topics important to water resources [...]"
Mathematical Models of Financial Derivatives

This second edition of Mathematical Models of Financial Derivatives, now featuring new material, focuses on the valuation principles that are common to most derivative securities. A wide range of financial derivatives commonly traded in the equity and fixed income markets are analysed, emphasising aspects of pricing, hedging and practical usage. It presents a self-contained treatment of risk-neutral valuation theory, martingale measure, and tools in stochastic calculus required for the understanding of option pricing theory. Derivative pricing models are solved using various approaches, by martingale pricing theory and partial differential equation methods. This text is targeted to students in mathematical finance. It also serves as a good reference for quantitative analysts and derivative traders in investment banks. The most recent research results and methodologies are made accessible to the reader through the extensive set of exercises at the end of each chapter.

Features

- was one of the earliest introductory textbooks in mathematical finance
- good reputation established by the 1st edition

Contents

- Introduction to Derivative Instruments
- Fundamental Concepts of Financial Economics and Asset Price Dynamics
- Pricing Models for One-Asset European Options
- Path Dependent Options
- American Options and Free Boundary Value Problems
- Numerical Schemes for Pricing Options
- Interest Rate Models and Bond Pricing
- Interest Rate Instruments

Fields of interest

- Quantitative Finance; Finance /Banking

Type of publication

Graduate/advanced undergraduate textbook

Due March 2008

International Law Today: New Challenges and the Need for Reform?

This collection of essays is based upon the presentations given at a symposium on the occasion of the 65th birthday of Professor Rüdiger Wolfrum in December 2006. The contributions cover a wide range of contemporary issues of international law such as state responsibility, crisis management, unity of law, deep sea genetic resources, liability for environmental damage in Antarctica, human rights and intellectual property, and the protection of minorities. They all strive to contribute to the current state of academic discussion on different aspects of international law and offer valuable approaches to the solution of the relevant problems.

Contents

- Stoll, T.: Responsibility, Sovereignty and Coopera- tion – Reflections on the "Responsibility to Protect".
- Röben, V.: Managing Risks to Global Stability: the UN Security Council’s New-found Role Post Iraq.
- König, D.: Genetic Resources of the Deep Sea – How [...]

Fields of interest

- European Law/Public International Law
- Political Science

Target groups

- Libraries (law and political sciences), foreign ministries, international organizations

Type of publication

Proceedings

Due October 2007

Handbook of Politics

State and Society in Global Perspective

Political sociology is the interdisciplinary study of power and the intersection of personality, society and politics. The field also examines how the political process is affected by major social trends as well as exploring how social policies are altered by various social forces. Political sociologists increasingly use a wide variety of relatively new quantitative and qualitative methodologies and incorporate theories and research from other social science cognate disciplines. The contributors focus on the current controversies and disagreements surrounding the use of different methodologies for the study of politics and society, and discussions of specific applications found in the widely scattered literature where substantive research in the field is published. This approach will solidly place the handbook in a market niche that is not occupied by the current volumes while also covering many of the same theoretical and historical developments that the other volumes cover. The purpose of [...]
The Environmental Movement in Ireland

“The Environmental Movement in Ireland” examines key themes in Irish environmental politics, including the main components that have come to define such events, and incidents of environmental collective action in this country during forty years of growth and development. The author analyses the mobilisation and framing processes undertaken in these disputes, locating them in the context of a wider rural identity that has shaped grassroots environmentalism in the Irish case.

Features
Reviews the most significant ecological campaigns in Ireland during the last four decades. Examines key themes in Irish environmental politics and the main components that define such events. Analyses environmental collective action and campaigns using social movement theories including resource mobilisation, political opportunity, framing and event analysis.

Contents

Fields of interest
Environment, general; Sociology; Political Science; Geography; Anthropology; Community & Environmental Psychology

Target groups
Graduate students and researchers interested in environment, sociology, political science and Irish heritage

Type of publication
Monograph

Due December 2007


124,95 €

Fateful Collision
Environmental Conflict and Political Gridlock in the US

This book traces the origin of the current conflict between environmentalists and industry in the United States. It shows how the crisis of the Santa Barbara offshore oil spill in 1969 led to the passage of radically new environmental laws that had a rapid impact on pollution, making the US an international leader in environmental protection at the time. However, the regulatory approach of the laws proved inferior to performance-based models as developed in other parts of the world and was therefore detrimental to both environmental and industry performance. In addition, the rigidity of the regulatory system deepened the confrontation between environmental and industrial groups, causing a rift which spread to other areas of politics and society. The author analyses the current situation based on historic developments and presents a comparison with environmental developments in other advanced nations.

Features
Author presents controversial view on current environmental policy situation in US, tracing back to National Environmental Policy Act in 70s. Presents case studies to compare US to European countries (Finland, Sweden, Norway, Germany) more successful (in his point of view) in environmental policies. Environmental problems and climate change are hot topics, book should have audience both in US and ROW (mainly Europe).

Contents

Fields of interest
Environmental Economics; Environmental Management; Political Science

Target groups
Policy makers Environmental groups Researchers in environmental and political science

Type of publication
Monograph

Due September 2008


46,20 €

Taxation and Public Finance in Transition and Developing Economies

The editor has assembled a stellar group of experts to write about their areas of expertise. Topics include bureaucracy, corruption and tax compliance; public finance in developing economies; taxation in several former Soviet republics, Eastern Europe and China; taxation in the enlarged European Union; tax harmonization vs. tax competition; and the philosophy of taxation and public finance. This book appeals to a wide segment of the academic and professional market. It will appeal to professors of taxation and public finance and undergraduate and graduate students in these fields. It will appeal to accounting and finance professors and students because the theme of the book deals with aspects of accounting and financial system reform. It will appeal to economists in the subfields of transition economics and development economics because it addresses current issues in their field. It will also appeal to scholars in the field of Russian and East European Studies and Asian Studies because the book [..]

Features
The editor has assembled a stellar group of experts to write about their fields. Topics include bureaucracy, corruption and tax compliance; public finance in developing economies; taxation in numerous countries and developing areas.

Contents

Fields of interest
Public Finance; Economic Systems; Business/Management Science; general; Finance/Banking

Target groups
Academics, undergraduate and graduate students in the fields of accounting, public finance, economics and Russian and East European studies; Asian studies, policy analysts

Type of publication
Contributed volume

Due March 2008


96,95 €
Accounting Reform in Transition and Developing Economies

The editor has assembled a stellar group of experts to write about their areas of expertise. Topics include accounting reform in Russia, Ukraine, Estonia, Armenia, Serbia, China and Spain; accounting education in several transition economies; development of the accounting profession in several transition economies; corporate governance issues in transition economies and an overview of accounting reform projects by someone who has been involved in accounting reform in a dozen countries. This book appeals to a wide segment of the academic and professional market. It will appeal to accounting and finance professors and students because the main theme of the book deals with accounting and financial system reform. It will appeal to economists in the subfields of transition economics and development economics because it addresses current issues in their field. It will also appeal to scholars in the field of Russian & East European Studies and Asian Studies because the book is about several East [...]

Features

Only two books deal exclusively with accounting reform in Eastern Europe and both of these books deal exclusively with Russia Accounting Reform in Transition and Developing Economies discusses accounting reform in other countries Much of the information gathered for this book comes from experts who have worked and lived in the various countries included in this study

Contents

Asian-Pacific Coasts and Their Management
States of Environment

N. Mimura, Ibaraki University, Hitachi, Japan (Ed.)

The Asia-Pacific region is home to the world’s largest region of coral reefs and mangroves. It accommodates two-thirds of the world’s human population and its economic activities have the highest growth rate in the world. Ongoing degradation of the environment, resulting from coastal development, deforestation, desertification and over-harvesting, are becoming a matter of great concern, as floods and droughts occur as a result of this degradation. The Asia-Pacific region also includes part of the ‘Pacific Rim of Fire’ and is, therefore, vulnerable to earthquakes and tsunamis, as the world became aware following the Sumatra earthquake and tsunami on 26 December 2004. Threats of global environmental change, such as climate change and sea-level rise, will exacerbate such problems. Therefore, appropriate policies and measures are needed for coastal management, to address both the local and global trends. This book gives an overview of the state-of-the-art understanding on the drivers, state, and [...] Features

Provides state-of-the-art understanding of the state of the environment, and approaches consisting of drivers, state, and responses to the coastal environmental changes. Describes both local and global trends including climate change and sea-level rise. Provides an objective basis of the perspective using the latest data. Gives good practices to indicate desirable future direction of coastal management for [...] Contents


Fields of interest
Oceanography; Environmental Management; Regional Science; Climate Change; Geoeconomy/Natural Processes

Target groups
This book will be of interest to researchers of coastal science, undergraduate and graduate students of coastal science, engineering and management, to policy makers, coastal managers and coastal developers, and to the fishing industry.

Type of publication
Monograph

Due January 2008

Social Multi-Criteria Evaluation for a Sustainable Economy

G. Munda, University Autonoma Barcelona, Spain

This work is among the first treatments to account for the complexity of social decisions and sustainability problems by using the methodological framework of multi-criteria decision analysis. The author proposes the new concept of Social Multi-Criteria Evaluation (SMCE) as a policy framework for the analysis of sustainability issues in which concerns for current and future generations have to be considered along with policy imperatives and market constraints. The treatment of technical uncertainty, both stochastic and fuzzy, is also explored in depth. The book is unique in its elaboration of the relationship between social and public choice and multi-criteria decision theory and in its attempt to systemize multi-criteria evaluation within economic theory and complex systems analysis.

Contents

Operation Research/Decision Theory; Economic Policy; Environmental Economics

Target groups
Applied operations researchers and economists interested in sustainability issues

Type of publication
Monograph

Due December 2007

84,95 €

Post-Agricultural Succession in the Neotropics

R.W. Myster, University of Central Oklahoma, Edmond, OK, USA (Ed.)

Post-agricultural succession has been central to the development of both the science of plant ecology and ecology in general. The study of old field succession allows us to observe the development of the structure and function of communities, as well as understand the role of history and initial conditions in that process. Understanding old field succession can help the public address important scientific and social issues, such as deforestation and forest regeneration, forest restoration, sustainability of agriculture, maintenance of biodiversity, and impacts of global climate change on forest dynamics. Post-Agricultural Succession in the Neotropics draws implications from scientific studies for the wise management of old field ecosystems in the neotropics, where conversion of land to cropping systems is the most common kind of disturbance and many landscapes are defined by areas recovering from agriculture. Written for researchers, professionals, and students of ecology, the book provides a [...] Features

Presents a thorough discussion of old field succession studies in the neotropics. Provides restoration and management strategies, as well as new farming methodologies for practical application. Methods described will be applicable to areas outside of the neotropics as well

Contents
Patterns of Living and Non-Living Components of Old Fields after Abandonment. - Introduction.- Trends in Above and Belowground Carbon with Forest Regrowth after Agricultural Abandonment in the Neotropics.- Post Sugar Cane Succession in Moist Alluvial Sites in Puerto Rico.- Soil Fungi and Macrophytes in the Neotropics.- Earthworms and Post-Agricultural Succession.- Mechanisms and Tolerances that Cause Plant-Plant Replacements, Producing Old Field Vegetation Patterns.- Factors Affecting the Species Richness and Composition of Neotropical Secondary Succession: A Case Study of Abandoned [...] Fields of interest

Environmental Management; Plant Ecology; Landscape Ecology; Applied Ecology; Nature Conservation

Target groups
Students, researchers, managers, policy-makers

Type of publication
Professional book

Due October 2007

2008. XV, 308 p. 50 illus. Hardcover
119,95 €
ISBN 978-0-387-33641-1
The Econometrics of Panel Data

Fundamentals and Recent Developments in Theory and Practice

This completely restructured, updated third edition of The Econometrics of Panel Data, first published in 1992, provides a general overview of the econometrics of panel data, both from a theoretical and from an applied viewpoint. Since the pioneering papers by Kuh, Mundlak, Hox and Balestra and Nerlove, the pooling of cross section and time series data has become an increasingly popular way of quantifying economic relationships. Each series provides information lacking in the other, so a combination of both leads to more accurate and reliable results than would be achievable by one type of series alone. This third, enhanced edition provides a complete and up-to-date presentation of theoretical developments as well as surveys about how econometric tools are used to study firms and household’s behaviors and/or more macroeconomic phenomena such as economic growth. It contains sixteen entirely new chapters while the others have been largely revised to account for recent developments in the field.

Features
The double emphasis of the third edition together with the fact that all the chapters have been written by well-known specialists in the field, makes this handbook a standard reference for all those concerned with the use of panel data in econometrics.

Contents

Target groups Researchers, advanced students, and professional economists concerned with the use of panel data in econometrics

Type of publication Reference work

Quantitative Economic Policy

Essays in Honour of Andrew Hughes Hallett

Quantitative economic policy and econometrics were developed along with macroeconomics in the 1930s. Econometric techniques and models are still being used extensively in the business of forecasting and policy advice. In particular, policy simulations with econometric models have become standard tools for evaluating and designing macroeconomic stabilization policies. For instance, such studies provided important arguments for the popularization of the recent steps towards European integration such as the European Single Market, the European Monetary Union, and the Enlargement of the European Union. In this book, some recent advances in the theory and applications of quantitative economic policy are presented, with particular emphasis on fiscal and monetary policies in a European and global context. Andrew Hughes Hallet, a pioneer and major scientist in quantitative economic policy analysis, is being honoured by this volume, whose contributors are among his friends and former students.

Contents

Target groups Researchers

Type of publication Contributed volume

Organized Crime

Culture, Markets and Strategies

The term “global organized crime” is often used to refer to worldwide illegitimate activities of criminal groups and networks and is associated with the so-called “globalization process”. Although it can not be denied that due to economic, technological, political and cultural developments, borders have disappeared or changed, markets have extended, mobility and communication facilities have improved, it would be a major fallacy to study organized crime and its containment solely from a global perspective. The central premise of this book is that we need more in-depth, empirically funded, knowledge on organized crime in specific situational contexts, rather than trying to predict how organized crime might develop throughout the world. The sixteen contributions in the book deal with various aspects of organized crime (drugs, diamonds, human trafficking, eco-crime, conflict resolution, underground banking, crime facilitators) in various parts of the world (Sicily, Sinai, the US, Quebec, Amsterdam, [...] Features
- Examines organized crime in many different trades, from diamond dealing, to drug smuggling, to car theft - Combines historical data with recent research to analyze current trends in organized crime - Research examines and compared organized crime circles throughout the world

Fields of interest Criminology & Criminal Justice; Political Science

Type of publication Monograph

Due December 2008


76,25 €
Otto Neurath’s Economics in Context

Otto Neurath (1882-1945) was a highly unorthodox thinker both in philosophy and economics. He proposed a radically expanded scope of economic analysis that would facilitate a comparative and systematic study of the impact of a great variety of economic and political measures on a population’s well-being. Neurath regarded the controversial and widely misunderstood concept of calculation in kind as an indispensable instrument for anyone (economist or politician) who sought to analyze economic relationships from a wider perspective than that of price formation under market conditions. What is the impact of alternative (economic, political or organizational) measures on living conditions? What are the appropriate methods to compare and to rationally choose among alternative measures? In Neurath’s opinion, answers to these questions are crucial for every democratic government. The contributions to this sparkling new book conclude that Neurath touched on many of the most critical problems of economic [...] features

Contents


Fields of interest

Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution; Political Science; Environmental Law; Hydrogeology; Agriculture

Target groups

Scientists, researchers, consultants, libraries, institutes, graduate students

Type of publication

Monograph

Due January 2008

2008. Approx. 400 p. 18 illus. Hardcover

129,95 €

ISBN 978-3-540-76706-0

S. Neubert, German Development Institute, Bonn, Germany; W. Scheumann, Helmholtz Center for Environmental Research, Leipzig, Germany; M. Kipping, German Embassy Kabul, Darmstadt, Germany (Eds.)

Water Politics, Water Policies and Development Cooperation

Local Power Plays and Global Governance

The key challenge in the water sector is not a lack of water, of knowledge, of financial resources or technology. In general, it is the political sphere that determines if water problems are solved or not, if people get access to water or not, if our natural resource base is sustainably developed or overexploited. Politics – the process of decision-making for groups of people, involving the authoritative allocation of values – the actors, their interests and interactions determine if progress is made or hindered. The outcome of water politics is then reflected in water politics, the substantive outcome of the political interplay in terms of regulations, action programmes or spending priorities of the respective public or private entities.

Contents


Fields of interest

Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution; Political Science; Environmental Law; Hydrogeology; Agriculture

Target groups

Scientists, researchers, consultants, libraries, institutes, graduate students

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S. Neubert, German Development Institute, Bonn, Germany; W. Scheumann, Helmholtz Center for Environmental Research, Leipzig, Germany; M. Kipping, German Embassy Kabul, Darmstadt, Germany (Eds.)
F. Padovano, Università Roma Tre, Italy; R. Ricciuti, Università di Firenze, Italy (Eds.)

**Italian Institutional Reforms**

A Public Choice Perspective

Using a public choice perspective, this book explains the evolution and political and economic impact of recent changes to the Italian institutional framework. Because these changes are so numerous and broad, their implementation serves as a case study for other Western governments. Particular attention is paid to the introduction of the EURO, the reform of voting from proportional to majoritarian rule, the impact of corporatism, constraints imposed by the Maastricht Treaty, and the switch from a highly centralized government to a federal organization.

**Contents**

- The Governance of the Political System
- Privatization and Regulation, According to Politicians’ Benefits
- The Creation of Independent Authorities
- A Positive Analysis of the Determinants of the Italian Tax Code
- Setting House Taxes by Italian Municipalities
- Sustainability of the Italian Pension Reforms; Hospital Care Organization in Italy
- Bicameralism and Legislature Size
- The Determinants of Judicial Independence
- The Impact of Television News on Voting Behavior
- Sustainability and Determinants of the Italian Public Deficit before and after Maastricht
- The Independence of [...]”

**Fields of interest**

- Economic Systems; European Integration; Economic Policy; Political Science

**Target groups**

- Libraries, academics, policy makers, students

**Type of publication**

Contributed volume

Due December 2007

C. Pahl-Wostl, University of Osnabrück, Germany; P. Kabat, Alterra-ILRI, Wageningen, The Netherlands; J. Möltgen, University of Osnabrück, Germany (Eds.)

**Adaptive and Integrated Water Management**

Coping with Complexity and Uncertainty

Sustainable water management is a key environmental challenge of the 21st century. Developing and implementing innovative management approaches and how to cope with the increasing complexity and uncertainties was the theme of the first International Conference on Adaptive and Integrated Water Management, held in November 2007 in Basel, Switzerland. The conference volume includes selected contributions on conceptual and methodological innovations and empirical insights from case studies on important themes such as multi-level governance, change management, vulnerability assessment, environmental flows, uncertainty analysis and the impacts of climate change. The book addresses a wide interdisciplinary audience of scientists and professionals from academia, industry, and involved in policy making.

**Features**

- Presents the very latest studies, methods and innovations for managing our water resources from the first International Conference on Adaptive and Integrated Water Management

**Fields of interest**

- Hydrogeology; Environmental Management; Political Science; Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution; Sociology; Environmental Economics

**Target groups**

- Scientists; libraries, institutes; researchers

**Type of publication**

Monograph

Due November 2007

2008: XIV, 440 p. 72 illus. Hardcover

129,95 €

ISBN 978-3-540-75940-9
Contemporary migration involves a dramatic paradox. Although much of what is considered international or transnational migration today transforms people of a wide range of social standings in the emigration countries into laborers at the bottom social and economic ranks of the immigration countries, millions of individuals worldwide seek to migrate internationally. International Migration, Social Demotion, and Imagined Advancement argues that this paradox cannot be explained for as long as common preconceptions about immigrants’ economic betterment thwart even questioning why individuals who are not threatened by famine or war willingly pursue their demotion abroad. Recognizing immigrants’ decline as such, this book proposes viewing contemporary migration as socioglobal mobility. Revolving around an ethnographic study of the Albanian “emigration” in Greece, International Migration, Social Demotion, and Imagined Advancement finds that imaginaries of the world as a social hierarchy might lie at the [..]

Features
One of the first studies to look at the negative results of migration An ethnographic study focusing on Albanian migrants in Greece and Italy Discusses the reasons people leave their homeland for a “better life” - especially if that does not happen

Contents
International migration as socioglobal mobility.- A preliminary portrait of The Albanian emigration.- Ethnography and the discursive scape.- Portrait of Lumturi F., high school teacher, domestic cleaner, kitchen help, maid.- Greece is better than Albania.- Portrait of Petraq Z., research scientist, plumber’s aide, maker of icon frames, champion of capitalism.- Sufferings of the soul.- Portrait of Fatmir R., high school principal, democrat, janitor, maintenance technician, contemporary citizen.- The economic disadvantages of emigration.- Portrait of Llambi S., math teacher, member of [..]

Fields of interest
Sociology; Migration; Labor Economics

Target groups
Social scientists, sociologists, anthropologists, demographers; economists studying the effects of migration and those using ethnography in their research

Type of publication
Monograph

Due November 2007


52.95 €
Handbook of Bioentrepreneurship

Providing an important and timely overview of research on the exciting area of entrepreneurship in biotechnology, The Handbook of Bioentrepreneurship examines one of the most promising industries of the 21st century. While genetically engineered food and biopharmaceuticals have made biotechnology part of our everyday life, starting a bioventure is among the most complex and risky entrepreneurial tasks given long development cycles, high technological and market uncertainty, and high capital intensity. Providing unparalleled in-depth and detailed analysis, this Handbook sheds light on business models and strategies, financing, cooperation networks between firms and universities, among other issues. With new developments in biotechnology increasingly in the news, this is an important source for readers interested in public policy, entrepreneurship, and business in the 21st century.

Fields of interest
Entrepreneurship; Regional Science; R & D/Technology Policy; Biomedicine general

Target groups
Academic researchers in the fields of Entrepreneurship, Biotechnology, Economics, Innovation, Policy Studies, and Technology Transfer

Type of publication
Handbook

Due April 2008

Mathematical and Statistical Methods for Insurance and Finance

The interaction between mathematicians and statisticians reveals to be an effective approach to the analysis of insurance and financial problems, in particular in an operative perspective. The Maf2006 conference, held at the University of Salerno in 2006, had precisely this purpose and the collection here published gathers some of the papers presented at the conference and successively worked out to this aim. They cover a wide variety of subjects in insurance and financial fields, all treated in light of the successful cooperation between the two quantitative methods.

Fields of interest
Econometrics; Statistics for Business/Economics/Mathematical Finance/Insurance; Quantitative Finance; Probability and Statistics in Computer Science; Algorithm Analysis and Problem Complexity; Financial Economics

Target groups
Professionals and researchers

Type of publication
Proceedings

Due October 2007

2007. Approx. 320 p. Hardcover
42.95 €
ISBN 978-88-470-0703-1

Bond Portfolio Optimization

The book analyzes how modern portfolio theory and dynamic term structure models can be applied to government bond portfolio optimization problems. The author studies the necessary adjustments, examines the models with regard to the plausibility of their results and compares the outcomes to portfolio selection techniques used by practitioners. Both single-period and continuous-time bond portfolio optimization problems are considered.

Contents
Introduction. - Bond Market Terminology. - Term Structure Modeling in Continuous Time. - Static Bond Portfolio Optimization. - Dynamic Bond Portfolio Optimization in Continuous Time. - Summary and Conclusion

Fields of interest
Finance /Banking: Quantitative Finance; Operation Research/Decision Theory; Optimization

Target groups
Scientists

Type of publication
Monograph

Due January 2008

2008. XIV, 137 p., 14 illus. Softcover
59.95 €
ISBN 978-3-540-76592-9
Introduction to E-commerce

Part of the new series Tsinghua University Texts, this book gives a brief introduction to the foundations and key aspects of e-commerce, and focuses on the latest developments in the e-commerce industry. Practical case studies offer a useful reference for dealing with various issues in e-commerce. Content will be introduced from theory to application, from technology to management. Dr. Zheng Qin currently is Director of the E-Commerce Institute of Xi'an Jiaotong University. He received his PhD from Northwestern Polytechnical University.

Features
Offers practical case studies for reference Deals with technology as well as management Focuses on the latest developments in e-commerce

Contents

Fields of interest
e-commerce and technology management Information systems

Target groups
Graduate and advanced undergraduate students

Type of publication
Monograph

Due March 2008

No sales rights in Mainland China

Jointly published with Tsinghua University Press


119.95 €
ISBN 978-3-540-49644-1

Entrepreneurship Support Systems
Towards a Global Strategy of Applied Economic Theory

Features
Covers all types of entrepreneurship support, including investor networks, incubators, innovation centers, and technology transfer programs Focuses on strategies to promote entrepreneurship in the developing world, through education and training, and incentives to invest locally Outlines an ambitious agenda to create a global community of scholars, practitioners, and policymakers committed to promoting entrepreneurship

Contents

Fields of interest
Entrepreneurship; Economic Policy; R & D/Technology Policy; Business/Management Science, general

Target groups
Professors, students, and researchers of entrepreneurship, economic development, technology transfer, and entrepreneurship education Policy makers, venture capitalists, community leaders and other proponents of entrepreneurship Entrepreneurs and business owners

Type of publication
Monograph

Due March 2008


76,25 €
Participation and Learning

Perspectives on Education and the Environment, Health and Sustainability

This ground-breaking collection brings together a diverse range of perspectives on the philosophy, design and experience of participatory approaches within education and the environment, health and sustainability. Chapters address participatory work with children, youth and adults in both formal and non-formal settings. Authors combine reflections on experience, models and case studies of participatory education with commentary on key debates and issues. The book will be a valuable resource for researchers and advanced students with interests in learning, research and key concepts in environmental education, health education, and education for sustainable development, and professionals and practitioners engaged in planning and evaluation.

Features
Ground-breaking collection bringing together a diverse range of perspectives on the philosophy, design and experience of participatory approaches within education and the environment, health and sustainability. Chapters addressing participatory work in both formal and non-formal settings. Contains international case studies written by leading authorities in participation, education, health, environment, and [...]
Latinas/os in the United States
Changing the Face of America

Features
Unique from extant books that have focused on the Latino/a population Goes beyond the traditional approach of only focusing on the largest Latino/a groups Has a multidisciplinary focus, which includes the collaboration and contributions of scholars from a diverse number of disciplines

Contents
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 a large [...] 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 tends to be unusual in an edited volume

Contents

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-science oriented scholars in international law, and policy studies

Type of publication
Professional book

Due December 2007

Economies

Using Discrete Choice Experiments to Value Health and Care

Using Discrete Choice Experiments to Value Health and Care takes a fresh and contemporary look at the growing interest in the development and application of discrete choice experiments (DCEs) within the field of health economics. The book comprises chapters by highly regarded academics with experience of applying DCEs in the area of health. The first part of the book summarises how DCEs can be implemented, from experimental design to data analysis and the interpretation of results. In many ways this can be regarded as a crash course on the conduct of DCEs. Extensive reference is made throughout to other sources of literature where the interested reader can find further details. The book also includes a series of case studies illustrating the breadth of applications in health economics and some key methodological issues. Finally there is an overview of research issues discussed which the editors believe are at the leading edge of this field.

Features
Rigorous overview of DCE methods and application in health economics Transparency in how to apply current thinking on experimental design to health economics applications Clear and illuminating series of applied case studies demonstrating different types of choice modelling techniques and the use of results for policy analysis Clear and illuminating series of methodological case studies by internationally [...]}

Contents

Fields of interest
Economics general; Methodology of the Social Sciences; Economic Policy; Health Care Administration; Environmental Economics

Target groups
Students in post graduate programmes in economics, health economics, health policy, public health and health services research; researchers based in academic units or health services; commissioners of research and funders of studentships

Type of publication
Contributed volume

Due October 2007


124.95 €


99.35 €

Due April 2008


26.95 €
Spatial Data Infrastructure for Urban Regeneration

Various forms of decentralization are recently pursued in the world, including developing countries. However, there has not been a coherent framework to access these intended outcomes generated by decentralization measures implemented in Asian and African countries. This book provides such a framework based on comparative analyses of different experiences of decentralization measures in six developing countries, where the policy rationale to “bring services closer to people” originated in different socio-political backgrounds. Although decentralization measures are potentially useful for attaining both political democratization and economic efficiency, what is often packaged under the umbrella of “decentralization” needs to be disaggregated analytically. Successful reforms need coherent approaches in which a range of stakeholders would become willing to share responsibilities and resources in order to achieve the ultimate outcome of poverty reduction in the developing countries.

Fields of interest
Regional Science

Type of publication
Monograph

Due December 2007

ISBN 978-4-431-74096-4

Foundations for Local Governance
Decentralization in Comparative Perspective

Standards and Thresholds for Impact Assessment

Standards and Thresholds play an important role in many stages of the Environmental Impact Assessment (EIA) process. They can be legally-binding or guidance values and are linked to environmental data. This publication provides a comprehensive collection of standards and thresholds, their derivation and application in case studies of EIA projects. The first part introduces the nature of standards and thresholds and key drivers for their determination. The book then describes, in Part II, technical standards from the perspective of EIA projects. Part III addresses the issue from the other side, environment and human health, and discusses the assessment of impacts on the sensitivity or value of environmental and health components. Part IV sets out some emerging issues for standard and threshold with reference to new sectors and with recent instruments. The book concludes in Part V with the role of monitoring, and final implementation.

Features
Examples for the derivation of values and applications in case studies
Discussion of effectiveness and efficiency of standards and thresholds as instruments of environmental management

Fields of interest
Environmental Law; Environmental Management; Administrative Law

Target groups
Government and local authorities; libraries

Type of publication
Reference work

Due December 2007

ISBN 978-3-540-31140-9

64,95 €
ISBN 978-3-7908-2005-8
The European Enterprise

Historical Investigation into a Future Species

What is Europe’s impact on enterprises? 150 years ago, the emergence of nation-states created the national enterprise. After 50 years of European integration - is there a European firm distinct from the national firm? The book provides an assessment of the barriers to and prospects for this emerging species. Can it be claimed a major political failure of the EU not to have created an institution promoting European identity at the level of enterprise? The contributors look for European convergence at all levels of the economy - firm, branch, state, and EU. They stress various points of view, using diverse methods, and propose different measures. The overall result is an evaluation of the future potential of this new type of enterprise. Though in its infancy, the European enterprise has the power to change both the perception and the actual face of Europe.

Features
First broad evaluation of the subject written by European and non-European authors New stimulation and insights for executive managers, for political decision-makers and for researchers

Contents
General - Impact of Brussels - Europa as an enterprise has the power to change both the perception and the actual face of Europe.

Fields of interest
European Integration; Industrial Organization; Political Science; European Law/Public International Law; Economic Policy

Target groups
Researchers in the fields of economics, business, history, and political science; policy-makers, executive managers

Type of publication
Monograph

Due November 2007

89,95 €
ISBN 978-3-540-74036-0

Optimal Stopping Rules

Features
Although three decades have passed since first publication of this book reprinted now as a result of popular demand, the content remains up-to-date and interesting for many researchers as is shown by the many references to it in current publications. The area of application of the optimal stopping theory is very broad.

Contents

Fields of interest
Probability Theory and Stochastic Processes; Statistics for Business/Economics/Mathematical Finance/Insurance

Target groups
Researchers, graduate students

Type of publication
Monograph

Due October 2007

Originally published 1976 by Nauka, Moscow with the title: STATISTICHESKY POSLEDOVATELNY ANALIZ OPTIMALNYIE PRAVILA OSTANOVKI 2nd ed.

69,95 €
ISBN 978-3-540-74010-0

Economics of the Environment

Theory and Policy

The book interprets nature and the environment as a scarce resource. It offers a theoretical study of the allocation problem and describes different policy approaches to the environmental problem. The entire spectrum of the allocation issue is studied: the use of the environment in a static context, international and trade aspects of environmental allocation, regional dimensions, global environmental media, environmental use over time and under uncertainty. The book incorporates a variety of economic approaches, including neoclassical analysis, the public-goods approach, benefit-cost analysis, property-rights ideas, economic policy and public-finance reasoning, international trade theory, regional science, optimization theory, and risk analysis. The different aspects of environmental allocation are studied in the context of a single model that is used through the book.

Features
Standard title on environmental economics. With a comprehensive presentation of allocation theory and environmental policy approaches. New edition with updated data and additional topics

Contents
### Measuring the Value of Culture

Methods and Examples in Cultural Economics

Interest in, and acknowledgement of, the value of culture and cultural goods is increasing world-wide. So too is interest in valuing the arts so that efficient funding decisions can be made by government and private sponsors. *Measuring the Value of Culture* documents the use of methods used to put a price on cultural goods, including theatre, heritage, cultural events like arts festivals, museums, archaeological sites and libraries. The methods discussed include economic impact studies, which use market data, as well as non-market valuation techniques like willingness to pay methods and the newer choice experiments. In addition, advances in more qualitative valuation methods are considered. The book aims to give practitioners a practical guide to conducting such valuation studies, while also providing potential funders with a means of evaluating the results. The theoretical background of the various methods, their potential problems and the kind of information they can provide is also discussed.

**Features**

- Includes market and non-market valuation techniques
- Benefits and problems of each method are discussed
- Practical examples including questionnaires
- Benefits and problems of each method are included.

**Fields of interest**

- Microeconomics; Humanities, general; Interdisciplinary Studies; Regional Science

**Target groups**

- Lecturers, tutors; practitioners, funders

**Type of publication**

- Monograph

**Due October 2007**

| 2008. XI, 230 p., 6 illus. Hardcover | 79.95 € |
|---|
| ISBN 978-3-540-74355-2 |

### Web Search

Multidisciplinary Perspectives

Web search engines have emerged as one of the dominant technologies of modern life, leaving few aspects of our everyday activities untouched. Search engines are not just indispensable tools for finding and accessing information online, but have become a defining component of the human condition and can be conceptualized as a complex behavior embedded within an individual’s everyday social, cultural, political, and information-seeking activities. This book investigates Web search from the non-technical perspective, bringing together chapters that represent a range of multidisciplinary theories, models, and ideas about Web searching. They examine the various roles and impacts of Web searching on the social, cultural, political, legal, and informational spheres of our lives, such as the impact on individuals, social groups, modern and postmodern ways of knowing, and public and private life. By critically examining the issues, theories, and formations arising from, and surrounding, Web searching, Web [...]  

**Contents**


**Fields of interest**

- Information Systems Applications (incl.Internet); Social Sciences; Library Science; Computers and Society

**Target groups**

- Information scientists, computer scientists, librarians, library science researchers

**Type of publication**

- Monograph

**Due January 2008**

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### Handbook of the Sociology of Emotions

For almost thirty years, sociologists have increasingly theorized about and conducted research on human emotions. Surprisingly, it was not until the 1970s that the sociology of emotions emerged as a coherent field of inquiry. What makes this late date surprising is that it is now obvious that human behavior, interaction, and organization are driven by emotions. It was an immense oversight for emotions to be deemphasized in sociological theorizing and research for most of its 175 year history. Since the 1970s, however, the study of emotions has accelerated and is now at the forefront of sociological analysis. This book is designed to bring the reader up to date on the theory and research traditions that have proliferated in the analysis of human emotions. Key figures who have carried the sociology of emotions to its current level of prominence review their own work and the work of others who have made contributions to a particular approach to the study of emotions. The outcome is a comprehensive [...]  

**Features**

- Emotion is the response a individual has in response to situations - usually of a social origin (i.e. he insulted me so now I am upset) In sociological terms, this includes not only the existence of social stimuli that aids in the prediction of emotion states, but also a cognitive appraisal of emotion-relevant social pre-conditions and states - meaning that an individual evaluates the social environment and [...]  

**Contents**


**Fields of interest**

- Sociology; Personality & Social Psychology

**Target groups**

- Graduate students in Sociology, sociological researchers in Psychological Social Psychology and Psychology

**Type of publication**

- Reference work

**Due November 2007**

| 2007. XIII, 657 p. (Handbooks of Sociology and Social Research) Softcover | 62.95 € |
|---|
Religion and Family Links

Neofunctionalist Reflections

For many, the experience of religion and the family are organically connected: first exposure to religion often comes through the family, and, in families that practice a religion, it often has a shaping effect on their traditions, roles, practices, or structure. The author of this text captures the important relationship between religion and the family with a review of relevant literature on the subject, synthesizing it within a theoretical framework. The work begins with an introduction to the neofunctionalist theoretical framework of the family. This framework is connected to a multidimensional understanding of religion. With a focus on systems and a holistic interpretation of religion, the author uses a systems approach to construct a synthesis of the salient literature on the link between religion and the family. Four systems that are embedded in the Neofunctionalist theoretical framework are presented: the chronosystem (including time and history), the organic system (which is part of [...] Features

Brings together research and theory on family and religion Shows how these two social institutions work – or don’t work together Author has background in both family studies and religious studies

Contents


Fields of interest

Sociology; Family Relations; Religion

Target groups

Those in the sociology of the family and the sociology of religion as well as those in religious studies programs

Type of publication

Monograph

Due March 2008


53.90 €


Trade, Integration and Economic Development

The EU and Latin America

This volume is a collection of papers which were presented at the 7th conference meeting of the Arnoldshain Research Network in Vienna 2006. Numerous researchers from the European Union and Latin American countries have contributed papers on trade, integration, open economy macroeconomics and the institutional framework, which all play an important role for economic development in Latin America. In the spirit of comparative economics, Latin American policies can deeply benefit from experience gained in the European Union. Comparisons as well as bilateral relations have entered in a manifold way in the contributions of this volume. Topics such as achievements in trade liberalization between Latin American countries and their main trading partners the EU and the US, important trade areas for Latin America such as agricultural products, the role of exports for solvency, the policies of Latin American countries to attract FDI, the problem of corruption and the issue of income convergence are discussed.

Features

well-known economists from the EU and Latin America comprehensive view on the important topics of trade, integration and development

Contents

From the contents: Foreword. - Open Economy Macroeconomics - Institutions for Development: The Case of Corruption. - International Trade - Regional Issues.

Fields of interest

International Economics; Economic Systems; Law and Economics

Target groups

scientists, research institutions, officials, universities

Type of publication

Collection of essays

Due January 2008


69.95 €

ISBN 978-3-211-75149-7
Partner Choice and Cooperation in Networks
Theory and Experimental Evidence

A. Ule, Amsterdam, The Netherlands

Cooperation is beneficial but may be hard to achieve in situations where the selfish interests of individuals conflict with their common goal, such as in sharing goods, help, knowledge or information, in trade and pollution negotiations, and in exploitation of common resources. The standard models of such “social dilemmas” assume that the individuals are obliged to participate in the dilemma. These models fail to capture an important element of human interaction: that people are in general free to select their interaction partners. In this book a social dilemma with partner selection is introduced and studied with the methods of formal game theory, experimental economics and computer simulations. It allows exploration of simultaneous dynamics of the network structure and cooperative behavior on this structure. The results of this study show that partner choice strongly facilitates cooperation and leads to networks where free-riders are likely to be excluded.

Fields of interest
Economic Theory; Behavioural Sciences; Microeconomics; Game Theory; Economics; Social and Behavioral Sciences; Sociology

Target groups
Scientists

Type of publication
Monograph

Due January 2008

Western North American Juniperus Communities
A Dynamic Vegetation Type

O. Van Auken, The University of Texas, San Antonio, TX, USA (Ed)

In North America Juniperus woodlands occupy approximately 55 million hectares, an area larger than the state of Texas. Various species of Juniperus have been increasing in density and are expanding into associated grasslands, reducing the size of the grasslands. The reason for the Juniperus expansion is highly debated, but has important implications for global change and fire regime studies. Western North American Juniperus Communities addresses various aspects of the biology, ecology, and management of Juniperus woodlands and savannas, by synthesizing past, current, and proposed future research. The book will provide professionals with a solid background in Juniperus ecosystems, enabling them to manage the communities for maximum sustained productivity and diversity. Although the book focuses on Juniperus communities in North America, a discussion of other regions and larger research implications is included as well.

Features
Gathers biological and ecological research together for use by researchers and managers working with Juniperus ecosystems Discusses application of included research to Juniperus communities throughout the world

Contents
Introduction and overview of Juniperus woodlands.- Modern distribution of Juniperus communities.- The historical distribution and abundance of Juniperus in North America.- The distribution of Juniperus woodlands in relation to landform.- Structure of Juniperus woodlands.- Canopy/intercanopy patterns in woodlands: interrelationships between structure and function.- Comparison of the understory vegetation of Juniperus woodlands.- Ecological consequences of the displacement of native grassland by Juniperus.- Changes in nitrogen cycling dynamics following Juniperus encroachment into [...] 

Fields of interest
Ecology; Environmental Management; Plant Ecology; Nature Conservation; Forestry Management; Landscape Ecology

Target groups
Ecologists, land managers, forestry professionals

Type of publication
Professional book

Due December 2007

Cultural Perspectives on Higher Education

J. Välimaa, University of Jyväskylä, Finland; O.-H. Ylijoki, University of Tampere, Finland (Eds.)

This book analyses higher education from cultural perspectives and also to reflect on the uses of intellectual devices developed in the cultural studies of higher education over the last decades. The first part of the book presents fresh perspectives to integrate cultural studies in higher education with wider societal processes. Professor William G. Tierney speaks about trust and culture in higher education, whereas Professor Imanol Ordoñika opens a political perspective to higher education institutions. The second part of the book studies the internal life of higher education. Relying on a variety of cultural perspectives, the chapters explore the actual day-to-day practices taking place in higher education, ranging from student socialisation, student consumerism, tensions in combining academic and market-oriented targets in knowledge production to the formation of academic identities in different disciplinary and organisational cultures. The focus in the third part of the book is to use cultural [...] 

Features
State of the art in cultural studies on higher education A good variety of different approaches to study culture in higher education Innovatives studies

Contents
From the contests Introduction to the Book and its Contents.- Part I Culture, Society and Higher Education.- Part II Academic Practices and Identities.- Part III Higher Education Institutions and Reforms in Cultural Frameworks.- Subject Index.- Contributors.

Fields of interest
Social Sciences; Humanities, general; Higher Education

Target groups
Additional leaders and managers of higher education; institutional and research leaders in social sciences, education and humanities; policy-makers in the field of higher education, institutional leaders and managers

Type of publication
Contributed volume

Due December 2007


89.95 €
ISBN 978-1-4020-6603-0

Cultural Perspectives on Higher Education

J. Välimaa, University of Jyväskylä, Finland; O.-H. Ylijoki, University of Tampere, Finland (Eds.)
### Multidimensional Poverty Measurement

**Conceptualization and measurement of poverty have traditionally relied on purely economic approaches, with income or consumption as the only indicator. Multidimensional approaches have increasingly been used to understand poverty, but have yet to be fully operationalized. This book uses factor analysis and structural equations modelling to develop a multidimensional framework that integrates capability and social inclusion as additional poverty indicators. The empirical relevance of this methodological contribution is demonstrated through in-depth case studies of the United States and Nepal. The proposed approach not only helps to identify different categories of the poor, but also to more accurately target resources and policies of poverty alleviation. The book will therefore be an important reference for professionals in development agencies as well as for poverty and policy researchers.**

**Features**
Methodological contribution to an important area of development economics

**Contents**

**Fields of interest**
Development Economics; Labor Economics; Social Policy

**Target groups**
Poverty and policy researchers, professionals in international development, advanced students interested in poverty and inequality

**Type of publication**
Monograph

**Due January 2008**

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### Cognitive Economics

As a manifestation of a ‘cognitive turn’ observable in all social sciences, Cognitive Economics is concerned with the beliefs and mental operations held by actors placed within a dynamical and strategic environment. It appears as a synthesis of an educational research program, dealing with crossed expectations of actors, and an evolutionist research program on collective learning processes. The book mainly aims at extending the framework of game theory in order to better fit the results of rapidly increasing laboratory experiments concerned with individual choices and collective interactions. It also seeks to better explain some original economic phenomena involving boundedly rational agents in an institutional setting such as financial bubbles, job search or technological innovation. Written in an informal way, the book is addressed to philosophers or cognitive scientists curious of how economics deal with cognition, as well as graduate students in economics eager to discover how economic [...] 

**Features**
Insight in how an economist handles human cognition, by incorporating various concepts and schemes into game theory. Insight in how relevant cognition is in classical economics (e.g. financial speculation, job search, technological innovation)

**Fields of interest**
Economic Theory; Cognitive Psychology; Philosophy of the Social Sciences

**Target groups**
Researchers in economics, psychology and philosophy

**Type of publication**
Monograph

**Due November 2007**

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### Gender in Prevention and Health Promotion

Over the past years, governments have committed themselves to including gender issues in policy-making, with a view to advancing women’s equality. At the same time, there is increasing recognition that the systematic consideration of gender is essential to high quality health and social programs. This book will bridge the gaps between the players in research, politics and policy. It will present models of best practice from different countries linking different fields. The main questions are: How can gender and diversity analysis be made necessary and practical in prevention and health promotion? What strategies are effective in fostering gender mainstreaming and preventing gender bias? And how can they be implemented in politics, research, education and practice? The challenge of this book is to combine the very different ways of generating and using ‘knowledge’ from this discipline with the focus on the shared goal of enhancing prevention and health promotion under the gender perspective.

**Features**
Practical approach to gender issues in prevention and health promotion. Including political issues and perspectives. Written by leading experts on the field of health sciences and politics

**Contents**
From the contents: Overview: Gender issues in prevention and health promotion. - Gender inclusion in health promotion: political perspectives: Women in health promotion – A Canadian Perspective; Gender in (Austrian) Politics and Administration; Including gender in health policy in Canada; Political perspectives on Gender in Germany; Political perspectives on Gender in Great Britain. - Strategies linking policy, research and practice: Bias free research – impact on policy advisers and decision makers; Linking policy and research with gender and health promotion through NGOs; Working with [...] 

**Fields of interest**
Health Care Administration; Political Science; Medicine, general; Social Sciences; Health Promotion and Disease Prevention

**Target groups**
Researchers and students in the field of Public Health, Medicine, Health Promotion and prevention as well as politicians

**Type of publication**
Monograph

**Due April 2008**

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Handbook of Operations Research in Natural Resources

Handbook of Operations Research in Natural Resources will be the first systematic handbook treatment of quantitative modeling natural resource problems, their allocated efficient use, and societal and economic impact. Andrés Weintraub is the very top person in Natural Resource research. Moreover, he has an international reputation in OR and a former president of the International Federation of Operational Research Societies (IFORS). He has selected co-editors who are at the top of the sub-fields in natural resources: agriculture, fisheries, forestry, and mining. The book will cover these areas in terms with contributions from researchers on modeling natural research problems, quantifying data, developing algorithms, and discussing the benefits of research implementations. The handbook will include tutorial contributions when necessary. Throughout the book, technological advances and algorithmic developments that have been driven by natural resource problems will be called out and discussed.

Features
Natural resources has been an application in numerous Operations Research papers; however, there have been few, if any, books that organizes and discusses the OR models in this area. First systematic handbook treatment of quantitative models applied to natural resource problems - a handbook that will fill a state of the art need in the international fields of natural resources and environmental engineering

Contents
Preface. Importance of whole-farm risk management in agriculture. Dealing with multiple objectives in agriculture. Modeling multifunctional agriculture-forestry systems with environmental values. Environmental criteria in pig diets formulation with multi-objective fractional programming. Modeling the interactions between agriculture and the environment. MCDM farm system analysis for public management of irrigated agriculture. Water public agencies agreeing to a covenant for water transfers. Positive mathematical programming for agricultural and environmental policy analysis. Fisheries...[]

Fields of interest
Operation Research/Decision Theory; Environmental Economics; Environmental Computing/Environmental Modelling; Agricultural Economics; Monitoring/Environmental Analysis/Environmental Ectoxiology; Nature Conservation

Target groups
Academic researchers, students, environmental practitioners

Type of publication
Handbook

Due October 2007

Digital Integration, Growth and Rational Regulation

This book focuses on the role of information and communication technologies for economic integration, networking and growth. Technological and regulatory dynamics are highlighted with respect to EU countries and the US. The analysis deals with the main issues of rational regulations in open economies. Schumpeterian developments and dynamic efficiency gains are crucial for Europe in the context of telecommunications competition and network modernisation – achieving the goals of the Lisbon Agenda requires adequate incentives for investment and solid capital market prospects. Economic progress in the digital knowledge society will be characterised by enormous structural change and the growth of digital services. New policy conclusions at both the national and international levels – including welfare analysis – are presented.

Features
Comprehensive analysis of information and communication technology (ICT) dynamics and growth in the OECD countries. New theoretical and political analysis of the impact of regulatory policies

Contents

Fields of interest
Economic Policy; R & D/Technology Policy; Industrial Organization

Target groups
Researchers, policy-makers

Type of publication
Monograph

Due October 2007

Digital Excellence

University Meets Economy

Digital economic modernization is a crucial element of progress in both OECD countries and newly industrialized countries. The contributions to this book explore the technological and economic dynamics of information and communication technology (ICT) and focus on several innovative software applications which aim at solving standard and new problems more efficiently. They particularly emphasize the point that innovation within an economic context does not solely concern companies and their customers; integrating research institutions and universities enhances the scope of creativity to not only produce concrete innovative ideas and projects, but also to develop procedures and techniques for putting them into practice. This book provides companies with both insights into new approaches and immediate access to innovative concepts.

Features
Presents new findings on Information and Communication Technology, software applications and digital networking opportunities. Provides insight into the role of modern software development and application.

Contents
R & D/Technology Policy; Technology Management; Information Systems

Target groups
Economists, business professionals, IT specialists, policy-makers

Type of publication
Proceedings

Due December 2007


69,95 €
ISBN 978-3-540-72620-3

2008. XVI, 186 p., 31 illus., 11 tabs. Hardcover

74,95 €
The Changing Governance of the Sciences

The Advent of Research Evaluation Systems

The establishment of national systems of retrospective research evaluations is one of the most significant of recent changes in the governance of science. In many countries, state attempts to manage public science systems and improve their quality have triggered the institutionalisation of such systems, which vary greatly in their methods of assessing research performance, and consequences for universities. The contributions to this volume discuss, inter alia, the birth and development of research evaluation systems in the United States, the responses by universities and academies to these new governance regimes, and their consequences for the production of scientific knowledge. By integrating new theoretical approaches with country studies and studies of general phenomena such as university rankings and bibliometric evaluations, the book shows how these novel state steering mechanisms are changing the organisation of scientific knowledge production and [...]
Aspects of Mathematical Finance

Considering the stupendous gain in importance, in the banking and insurance industries since the early 1990’s, of mathematical methodology, especially probabilistic methodology, it was a very natural idea for the French “Académie des Sciences” to propose a series of public lectures, accessible to an educated audience, to promote a wider understanding for some of the fundamental ideas, techniques and new tools of the financial industries. These lectures were given at the “Académie des Sciences” in Paris by internationally renowned experts in mathematical finance, and later written up for this volume which develops, in simple yet rigorous terms, some challenging topics such as risk measures, the notion of arbitrage, dynamic models involving fundamental stochastic processes like Brownian motion and Lévy processes. The Ariadne’s thread leads the reader from Louis Bachelier’s thesis 1900 to the famous Black-Scholes formula of 1973 and to most recent work close to Malliavin’s stochastic calculus of […]

Fields of interest
Quantitative Finance

Type of publication
Collection of essays

Due April 2008

Dynamic Fleet Management

Dynamic Fleet Management will focus on real time management of a distribution system. This means that when a dynamic event occurs within the distribution chain, action must be taken in “real-time.” The book will integrate the latest results in system design, algorithm development and system implementation, to capture the state-of-the-art research and application trends. While much of the research in this area of transportation problems has almost exclusively concentrated on carrying out static plans on optional distribution conditions, this book will examine those problems when some dynamic or unplanned even occurs within the transport or network system. It will focus specifically on these cases and integrate the latest results in systems, routing algorithms and case studies where information (a dynamic event) is revealed to the decision maker in a real-time manner.

Contents

Fields of interest
Operation Research/Decision Theory; Regional Science; Engineering Economics, Organization, Logistics, Marketing; Automation and Robotics; Production/Logistics; Industrial and Production Engineering

Target groups
Academic professors and graduate students

Type of publication
Contributed volume

Due October 2007

Health Economics

Health Economics is the most complete text available on the economics of health behavior and health care delivery. Appropriate both for advanced undergraduate and beginning graduate students of economics, this text provides the key analytical tools required to understand current research, presenting empirical evidence on each issue and summarizing results for easy comprehension. Issues discussed include the “cost explosion” in health care, the power of medical associations, the search for remuneration systems with favorable incentives, and technological change in medicine. Without neglecting ethical concerns, modern microeconomic theory is applied to formulate theoretical implications and predictions, and key arguments are summarized to facilitate follow-up, review, and documentation. Rather than simplifying the issues facing today’s healthcare systems, the book models existing complexities as they are, adapting economics to reflect the views of the average person.

Features
Readers will know the issues and future challenges confronting healthcare systems, have the tools used in the international literature for analyzing these issues and challenges and be acquainted with the crucial stylized facts and pieces of econometric evidence

Fields of interest
Economics general; Health Care Administration; Social Policy; Law and Economics; Sociology

Target groups
Advanced undergraduate and graduate students; researchers in the field of health economics

Type of publication
Graduate/advanced undergraduate textbook

Due February 2008

Original English edition published by Oxford University Press, 1997

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