Product Information Management Theory and Practice

Product Information Management is latest topic that companies across the world are deliberating upon. As companies sell online, they are confronted with the fact that not all information necessary to sell their products is available. Where marketing, sales and finance have been core processes of the corporate world for a long time, PIM is a new business process with its own unique implementation and management challenges. The book describes the core PIM processes; their strategic, tactical and operational benefits and implementation challenges. The book has been written for managers, business users as well as students, and illustrates the different concepts with practical cases from companies like Coca Cola, Nikon and Thomas Cook.

Features
► The first in-depth book on Product Information Management ► Presents cases from companies like Coca-Cola, Nikon, Thomas Cook, and more ► Describes the offering of 11 Product Information Management solution providers in detail

Contents

Fields of interest
Marketing; Sales/Distribution/Call Center/Customer Service; Project Management

Target groups
Professional/practitioner

Product category
Professional book

Management of Permanent Change

In the current times of more frequent crises and ever shortening innovation cycles, the management of change has become a crucial task of survival. While it is not a new topic in business research, the developments of the last decade have posed many new challenges for the change management of firms and organizations and have thus also raised many new questions for academic research in business administration, which the present book turns to deepen. Its particular focus is on disruptive change including its driving forces as well as effective and sustainable management. This publication constitutes a collection of articles that discuss change and innovation processes across different sectors of the economy (industry, banking, and retail), the role of leadership and corporate governance for the effectiveness and sustainability of organizational change.

Features
► First book on management of permanent change ► Presents findings of distinguished researchers on recent projects on change management ► Outlines future challenges of managers coping with permanent change

Contents
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Fields of interest
Business Strategy/Leadership; Organizational Studies, Economic Sociology

Target groups
Research

Product category
Monograph

Due August 2014

2015. Approx. 220 p. (Management for Professionals)
Hardcover ► approx. * € (D) 53,49 | € (A) 54,99 | sFr 67,00 ► approx. € 49,99 | £44.99
ISBN 978-3-319-04884-0

Due June 2014

2014. Approx. 300 p. Hardcover
► approx. * € (D) 64,19 | € (A) 65,99 | sFr 80,00 ► approx. € 59,99 | £53.99
ISBN 978-3-658-05013-9

Due May 2014

2014. X, 190 p. 43 Illus., 5 in color. Hardcover ► * € (D) 106,99 | € (A) 109,99 | sFr 133,50 ► € 99,99 | £90.00
ISBN 978-3-319-05034-8
N. Bickhoff, Quintessential Strategies, Hamburg, Germany; S. Hollensen, University of Southern Denmark, Sønderborg, Denmark; M. Opresnik, Bendestorf, Germany

The Quintessence of Marketing
What You Really Need to Know to Manage Your Marketing Activities

In this book the authors develop the Quintessential Marketing Arena by following the logic of the three major steps of the marketing process. Along this process they present the fourteen most important marketing instruments that occur during this process. Having read this book: You will have a basic understanding of marketing and the process of marketing management. You will know the most important marketing instruments and how they interact. You can develop your own marketing plan based on the Quintessential Marketing Arena.

Features
- Covers the quintessence of marketing - short and relevant
- Addresses professionals and practitioners on a substantial level, without being too academic or too pragmatic
- Authors are experienced and well-known in the academic as well as in the professional world.

Contents

Fields of interest
Marketing; Management/Business for Professionals

Target groups
Professional/practitioner

Product category
Professional book

A. Brumme, Chemnitz University of Technology, Chemnitz, Germany

Wind Energy Deployment and the Relevance of Rare Earths
An Economic Analysis

The worldwide deployment of wind power plants is soaring. Yet the availability of their construction materials could be a potential bottleneck. As rare earth elements represent the most critical materials, Anja Brumme provides a market analysis of rare earths, ascertaining that geological scarcity is not the main problem. Instead, the author identifies four kinds of market failure: market power, co-production, by-production and negative externalities. It becomes apparent that the market for rare earth metals is in a state of severe disequilibrium. Subsequently, her estimate of future rare earth demand patterns based on the wind power industry by 2050 reveals that the current level of supply is unlikely to be sufficient in the long run. To allow for a more elaborate analysis, the author suggests two options of including a rare earth side condition in an integrated assessment model.

Features
- Publication in the field of Economic Studies
- The relevance of rare earth elements for wind turbines

Contents
Classification of Wind Power Technologies. - Market Analysis of Rare Earth Elements. - Estimates for Future Rare Earth Requirements from Wind Power Deployment. - Application to the Integrated Assessment Model ReMIND-R.

Fields of interest
R & D/Technology Policy; Public Finance & Economics; Economic Policy

Target groups
Research

Product category
Monograph

S. Carley, Bloomington, IN, USA; S. Lawrence, Raleigh, NC, USA

Energy-Based Economic Development
How Clean Energy can Drive Development and Stimulate Economic Growth

Energy is becoming a prominent driver of economic development. Each year, billions of dollars are invested around the world by the public and private sectors in low-emissions energy development and energy efficiency planning. Energy-based economic development (EBED) is a domain that seizes the opportunities inherent in clean energy development to drive innovation and generate economic growth.

Features
- Defines the convergence of the fields of energy policy and planning and economic development
- Presents a framework for describing and designing energy-based economic development approaches
- Outlines a taxonomy of different types of energy-based economic development projects, and assesses various case studies as examples in practice

Contents

Fields of interest
Environmental Economics; Energy Economics; Energy Policy, Economics and Management

Target groups
Research

Product category
Monograph
Center for Macroeconomic Research of Xia, Xiamen University, Xiamen, People's Republic of China

China’s Macroeconomic Outlook
Quarterly Forecast and Analysis Report, August 2013

As the sluggish external market demand and excess domestic investment in past years have caused excess production capacity, resulting in both industrial growth rate and GDP growth rate falling to lowest point for the last three years in China. Where would China’s economy go? China’s Macroeconomic Outlook, September 2013 provides some insights into the details of the economic development in China, and also includes series of simulations of the impact of decreasing government revenue on the economic performance. The research suggests that China should cut its government revenue share in GDP to promote its structural adjustment.

Features
► A quarterly forecast and analysis report on China’s macroeconomic outlook, based on China’s Quarterly Macroeconometric Model (CQMM) ► High reference value for entrepreneurs to project China’s macroeconomic performance in the coming years and review possible effectiveness of macroeconomic policies ► A platform to aid understanding of China’s macroeconomic behavior and policy dynamics

Contents

Field of interest
Macroeconomics/Monetary Economics

Target groups
Research

Product category
Monograph

Due February 2014
► * € (D) 106,99 | € (A) 109,99 | sFr 133,50
► € 99,99 | £90.00
ISBN 978-3-642-54220-6

P. R. Feldmann, University of São Paulo, São Paulo, Brazil

Management in Latin America
Threats and Opportunities in the Globalized World

The aim of this book is to analyze the quality of entrepreneurial management and economic development in the Latin American region from a microeconomic point of view.

Features
► Analyzes the quality of entrepreneurial management, innovation and economic development in the Latin American region ► Explains Latin American management practices as well as the threats and opportunities ► Suggests ways in which Latin American businesses can increase productivity and innovation in order to improve performance in the global market

Contents
1 Introduction.- 2 Culture, Geography, Wealth in National Resources and Technology.- 3 The Latin American Economy and Its Most Important Countries from the Point of View of Economic Representativeness.- 4 The Business Environment in the 8 Most Economically Important Countries.- 5 Management in Latin America: Where Are the Problems?.- 6 The Sectors that Concentrate the Largest Companies of Latin America and Their Respective Business Environments.- 7 The Importance of Large Companies for the Rise of Innovation in the Continent.- 8 Technological Panorama of Latin America.- 9 How Latin American Companies Could Become Innovators.- 10 Biotechnology: Latin America’s Big Chance.- 11 Conclusion.- References.- Appendix.

Fields of interest
Emerging Markets/Globalization; Innovation/Technology Management; Entrepreneurship

Target groups
Research

Product category
Monograph

Due March 2014
2014. VIII, 163 p. 104 illus., 98 in color. Hardcover
► * € (D) 106,99 | € (A) 109,99 | sFr 133,50
► € 99,99 | £90.00
ISBN 978-3-319-04749-2
Economics of Wildfire Management

The Development and Application of Suppression Expenditure Models

In this age of climatic and financial uncertainty, it becomes increasingly important to balance the cost, benefits, and risk of wildfire management. In the United States, increased wildland fire activity over the last 15 years has resulted in drastic damage and loss of life. An associated rapid increase in fire management costs has consumed higher portions of budgets of public entities involved in wildfire management, challenging their ability to fulfill other responsibilities. Increased public scrutiny highlights the need to improve wildland fire management for cost effectiveness. This book closely examines the development of basic wildfire expenditure models for the United States and their application to a wide range of settings from local fire districts to large fire management agencies.

Contents


Fields of interest

Environmental Economics; Forestry Management; Economics/Management Science, general

Target groups

Professional/practitioner

Product category

Brief

Dynamic Games in Economics

Features

▸ Presents recent developments in dynamic game theory ▸ Includes new application of dynamic games to important economic questions ▸ Suggests directions for future research in the field

Contents


Fields of interest

Game Theory/Mathematical Methods; Game Theory, Economics, Social and Behav. Sciences; Operation Research/Decision Theory

Target groups

Research

Product category

Contributed volume

Encyclopedia of Tourism

This encyclopedia is the most comprehensive and updated source of reference in tourism research and practice. It covers both traditional and emerging concepts and terms and is fully international in its scope. More than 800 contributions of over 200 internationally renowned experts provide a definitive access to the knowledge in the field of tourism, hospitality, recreation and related fields.

Features

▸ Comprehensive treatment of all major concepts in largest industry worldwide ▸ Provides authoritative definitions and explanations on all important tourism keywords ▸ Collects the essence of the world’s leading tourism research with its application in practice

Fields of interest

Marketing; Economic Geography; Cultural Management

Target groups

Research

Product category

Encyclopedia
In the rapidly changing business world, only a small percentage of firms are able to survive and prosper despite recessions, industrial evolutions and economic changes. An often-asked question is: What determines a firm’s sustainable competitive advantage? One of the most popular competitive strategies is partnering with other firms. So, how do firms make intelligent and informed decisions when it comes to selecting business partners, to utilizing available resources and capabilities in partnerships, and to managing relations to maximize partnership benefits? This book studies 300 firms across various industries, providing readers with a comprehensive view of how firms develop sustainable competitive advantages by establishing business partnerships. Young academics and experienced researchers alike will find solid theoretical foundations and fresh business insights.

Features
- Offers a comprehensive literature review, helping readers to understand sustainable competitive advantage
- Includes conceptualizations and implementations of new constructs
- Shares business insights based on data from the real business world

Contents
Introduction.- Theoretical Foundation and Literature Review.- Methodology.- Construct Measurement.- Results and Discussion.- Summary, Contributions, Implications and Future Research.

Fields of interest
Organization/Planning; Business Strategy/Leadership

Target groups
Research

Product category
Monograph

Due March 2014

2014. X, 370 p. 37 illus., 36 in color. (Contributions to Management Science) Hardcover
► * € (D) 139,09 | € (A) 142,99 | sFr 173,50
► * € 129,99 | £117.00
ISBN 978-3-642-53988-6

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X. Li, Beijing Normal University, Beijing, People’s Republic of China; J. Pan, National Bureau of Statistics of China, Beijing, People’s Republic of China (Eds)

China Green Development Index Report 2012

Regional Comparison

The report was launched during China’s Twelfth Five-year Period (2011-2015). After revising the measurement system of the Green Development Index 2011, the report measures the green development level of 30 provinces, municipalities and autonomous regions as well as 38 large and medium-sized cities in China. A Public Satisfaction Survey of the Urban Residents is first introduced into the report. Both the province and the city Green Development Index systems consist of three parts, the green degree of economic growth, the carrying potential of natural resources and environment, and the support degree of government policies.

Features
- A forward-looking, objective and innovative report
- A city-based green development measurement is introduced into the report
- A Public Satisfaction Survey of the Urban Residents is first introduced into the report
- Completed by Beijing Normal University, Southwest University of Finance and Economics, leading thinkers in various fields together with the help of China Economic Monitoring and Analysis Center (CEMA)

Contents

Fields of interest
Economic Growth; Environmental Law/Policy/Ecstice

Target groups
Research

Product category
Contributed volume

Due April 2014

► * € (D) 181,89 | € (A) 186,99 | sFr 226,50
► * € 169,99 | £153.00
ISBN 978-3-642-54177-3

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R. Y. Li, Hong Kong Shoe Yan University, Hong Kong, Hong Kong SAR

Law, Economics and Finance of the Real Estate Market

A Perspective of Hong Kong and Singapore

The symbiosis between the law, economics and finance is evidenced in our daily lives. This book elucidates the relationship between these factors in Singapore and Hong Kong in direct and indirect real estate market.

Features
- Offers an interdisciplinary perspective (economics, finance and law) on the real estate market in Hong Kong and Singapore
- Adopts triangulation as a research method, i.e., a combination of methodologies that allows multiple viewpoints to readers
- Gives a comprehensive study on the impact of financial crisis in real estate market

Contents
Law, economics and finance issues in Singapore’s housing development board flats.- Internalization of environmental externality in dwellings: review of court cases in Hong Kong in the past two decades.- The institutional analysis of fittings in residential units.- Asymmetric information and residential entrepreneurs’ choice on provision of house fittings.- Property, credit and business cycles in Hong Kong.- Should we abandon the concept of artistic craftsmanship in the Copyright Act in Australia?- An offer, an invitation to treat and transaction costs.- The effect of the global subprime financial crisis on the macroeconomy and the housing market in the UK.- Changes from the visible hand to the invisible hand: The land market in Hong Kong before and after the Asian Financial Crisis.- An overview of regulations that protect indirect real estate investors in Hong Kong during financial crises.

Fields of interest
Law and Economics; Financial Law/Fiscal Law

Target groups
Research

Product category
Brief

Due March 2014

2014. IX, 146 p. 65 illus. (SpringerBriefs in Economics) Softcover
► * € (D) 49,99 | € (A) 44,99 | sFr 67,00
► * € 49,99 | £44.99
ISBN 978-3-642-54244-2

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W. Jiang, Xiamen University, Xiamen, People’s Republic of China

Business Partnerships and Organizational Performance

The Role of Resources and Capabilities

The symbiosis between the law, economics and finance is evidenced in our daily lives. This book elucidates the relationship between these factors in Singapore and Hong Kong in direct and indirect real estate market.

Features
- Offers an interdisciplinary perspective (economics, finance and law) on the real estate market in Hong Kong and Singapore
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Law, economics and finance issues in Singapore’s housing development board flats.- Internalization of environmental externality in dwellings: review of court cases in Hong Kong in the past two decades.- The institutional analysis of fittings in residential units.- Asymmetric information and residential entrepreneurs’ choice on provision of house fittings.- Property, credit and business cycles in Hong Kong.- Should we abandon the concept of artistic craftsmanship in the Copyright Act in Australia?- An offer, an invitation to treat and transaction costs.- The effect of the global subprime financial crisis on the macroeconomy and the housing market in the UK.- Changes from the visible hand to the invisible hand: The land market in Hong Kong before and after the Asian Financial Crisis.- An overview of regulations that protect indirect real estate investors in Hong Kong during financial crises.

Fields of interest
Law and Economics; Financial Law/Fiscal Law

Target groups
Research

Product category
Brief
**Hidden Markov Models in Finance**

*Further Developments and Applications, Volume II*

**Contents**
- Robustification of an on-line EM algorithm for modelling asset prices within an HMM.
- Stochastic volatility or stochastic central tendency: evidence from a hidden Markov model of the short-term interest rate.
- An econometric model of the term structure of interest rates under regime-switching risk.
- The LIBOR market model: a Markov-switching jump diffusion extension.
- Hedging costs for variable annuities under regime-switching.
- A stochastic approximation approach for trend-following trading.
- A hidden Markov-modulated jump diffusion model for European option pricing.
- An exact formula for pricing American exchange options with regime switching.
- Parameter estimation in a weak hidden Markov model with independent drift and volatility.
- Parameter estimation in a regime-switching model with non-normal noise.

**Fields of interest**
Operation Research/Decision Theory; Finance/Investment/Banking; Probability Theory and Stochastic Processes

**Target groups**
Research

**Product category**
Handbook

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**Collateralized Debt Obligations**

*E. Marcantoni, Vienna, Austria*

*A Moment Matching Pricing Technique based on Copula Functions*

The author focuses on a method to price Collateralized Debt Obligations (CDO) tranches. The original method is developed by Castagna, Mercurio and Mosconi in 2012. The Thesis provides an extension of the original work by generalizing the Gaussian dependence in terms of Copula functions. In particular the model is rewritten for the specific case of the Clayton copula. The method is applied to price the tranches of a CDX. By comparing the tranches prices, it is possible to notice that the Clayton approach leads to smaller equity and mezzanine tranches. The senior and super senior tranches levels are higher when the dependence is modeled by a Clayton copula.

**Feature**
- Study in the field of economic sciences

**Contents**
- CDO: General Characteristics.
- Credit Risk Modeling.
- Copula Functions and Dependency Concepts.
- Moment Matching Approximation.
- Extensions to the Model.
- Implementation.

**Fields of interest**
Business/Management Science, general; Finance/Investment/Banking

**Target groups**
Research

**Product category**
Monograph

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**International Small and Medium-Sized Enterprises**

*E. Olejnik, Universität Trier, Trier, Germany*

*Internationalization Patterns, Mode Changes, Configurations and Success Factors*

With growing international business, small and medium-sized enterprises (SMEs) have been faced with increased competition, but also with enhanced opportunities. Edith Olejnik addresses four major issues within the context of SMEs’ internationalization process: First, she identifies the three different internationalization patterns that SMEs take and analyzes how these patterns develop over time. Second, she looks at dynamic changes of foreign operation modes and the managerial reasons for these changes. Third, she derives an empirical classification of smaller family firms and profiles them using a comprehensive set of organizational variables. Fourth, she investigates the relationship between firm-level processes and dynamic capabilities in driving the international performance of SMEs. Based on theoretical considerations and empirical analyses this work provides important implications for research and management practice.

**Feature**
- Publication in the field of economic sciences

**Contents**
- Internationalization Patterns and Strategies.
- Foreign Operation Modes Changes.
- Organizational Configurations of International Family Firms.
- Firm-level Success Factors.

**Fields of interest**
Entrepreneurship; Business Strategy/Leadership

**Target groups**
Research

**Product category**
Monograph
Eco-Innovation and the Development of Business Models
Lessons from Experience and New Frontiers in Theory and Practice

Contents
Government Austerity and Socioeconomic Sustainability

This short book integrates the imperatives of public debt sustainability with those of socioeconomic sustainability in the context of budget austerity measures. It is argued that poverty, inequality and unemployment problems should be integral aspects of policy frameworks for austerity and fiscal stability. The economics of austerity in much of economic analysis remains narrowly focused and lopsided, since the implications on the role of human capital and loss of prosperity base are usually ignored. This book argues that various misapplications of policies of government austerity can be avoided if greater attention is accorded to the imperatives of maintaining the win-win approaches for socioeconomic resilience and sustainability in conjunction with debt sustainability and/or fiscal stability.

Features
► Synthesizes the limitations of austerity measures and suggests holistic approaches ► Offers directions for maintaining flexibility in debt reduction and fiscal stability ► Suggests rational alternatives for productivity-raising and damage-reducing austerity measures

Fields of interest
Public Finance & Economics; Economic Policy; Political Economy

Target groups
Research

Product category
Brief

Innovating in a Learning Community

Emergence of an Open Information Infrastructure in China’s Pharmaceutical Distribution Industry

How do firms jointly develop open information infrastructures? To answer this question, this book draws on the results of a longitudinal research project covering the development of the pharmaceutical distribution industry in China from 2004 to 2012, focusing on the emergence and subsequent evolution of industry-wide information infrastructures. How do firms delimit areas of proprietary innovation in open innovation projects? How do firms coordinate, initiate, negotiate and implement the development of innovative infrastructures?

Features
► Shows how open information infrastructures can emerge under adversarial conditions ► Provides an inside view into a rarely studied industry ► Provides a detailed account of government action in China

Contents

Fields of interest
Business Information Systems; Pharmacy

Target groups
Research

Product category
Brief

Customer Knowledge Management

Leveraging Soft Skills to Improve Customer Focus

Customer focus is the most important challenge of the future. Providing good customer service depends on how well companies know their customers and clearly identify their needs. Availability of customer knowledge, which is knowledge from, for and about the customer, thus becomes crucial in offering customized products or services. This can be gained most efficiently from direct interaction with customers, but requires the use of interpersonal and organizational soft skills.

Features
► Combines customer knowledge management, customer focus and soft skills based on recent primary data ► Focuses on interpersonal and organizational skills within customer knowledge management processes ► Provides recommendations for optimizing the management of customer knowledge

Contents

Fields of interest
Marketing; Business Information Systems; Industrial, Organisational and Economic Psychology

Target groups
Professional/practitioner

Product category
Professional book
**Monetary Policy under Uncertainty**

Oliver Sauter analyzes three aspects of monetary policy under uncertainty. First he shows that the terms risk and uncertainty are often wrongly used as synonyms despite their different meanings. The second aspect is the proper examination and incorporation of uncertainty into a monetary policy framework. The author undertakes systematization with a closer look at each identified form of uncertainty. Thirdly, he focuses on the quantification of uncertainty from two different perspectives, either from a market perspective or from a central bank perspective.

**Corporate Social Responsibility Reporting in China**

The CSR report has become a very important tool which can help corporations to set up strategies and build their core competencies. This book presents a range of cases from different industries. Based on the analysis of the enterprise survival environment, it points out the necessity and significance of CSR. The book analyzes the current situation and development trend of CSR in China, as well as its international developing trend.

**Integrated Risk Management of Non-Maturing Accounts**

Customer accounts that neither have a fixed maturity nor a fixed interest rate represent a substantial part of a consumer bank’s funding. The modelling for their risk management and pricing is a challenging yet crucial task in today’s asset/liability management, with increasing computational power allowing for new approaches. Jeffry Straßer outlines an implementation of a state-of-the-art dynamic replication model in detail. A case study with recent data supports the expected superiority of the model. Additionally, it provides tangible recommendations for model specifications derived from practical and mathematical consideration, as well as empirical findings. Practitioners will appreciate the comprehensive programming code attached.
**From Idea to Innovation**

A Handbook for Inventors, Decision Makers and Organizations

The book assists in bringing together the three stakeholders of an innovation – inventor, decision maker and organization. These stakeholders have conflicting requirements and the book offers advice on how and by what methods they can communicate and the information that is expected and required in different phases of innovation. The perspectives of inventor, decision maker and organization are integrated in a business model that enables a common “language” and communication platform for the inevitably emerging tension field and that allows for asking and answering the right questions.

**Features**
- A wide range of factors that govern innovation in organizations is elaborated and thoroughly explained
- Presents a business model that eases communication between different business stakeholders
- Numerous, easy to use tools enable straightforward analyses of the different factors

**Contents**
- Introduction: Developing the Chinese organization and management.
- Enterprises and the social environment.
- The growth path of entrepreneurs.
- Organizational and institutional building of enterprises.
- Corporate culture.
- The survival wisdom of middle managers.
- Employee characteristics and management.
- The relationships between employees and organizations.
- Interpersonal communication and conflict resolution.
- Work teams in enterprises.
- When the East meets the West: a retrospect on China’s negotiations with foreigners.
- Postscript.

**Field of interest**
Innovation/Technology Management; Organization/Planning; Business Strategy/Leadership

**Target groups**
Professional/practitioner

**Product category**
Professional book

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**Understanding Chinese Firms from Multiple Perspectives**

Previous analysis on the “Chinese Economic Miracle” mostly talks about macro-economy but neglects the study on the basic element of the Chinese Miracle – the enterprises.

**Features**
- Illustrates the growing patterns and dynamics of Chinese enterprises in the past three decades from multilevel and multidisciplinary perspectives
- Concludes the experience and lessons, perplexity and paradox, learning and innovations encountered by Chinese enterprises
- Reveals the characteristics of external environments of Chinese enterprises, the changing track of entrepreneurs, the evolution of the enterprises’ organizational structure and systems, the formation of firm culture, the unique pattern of Chinese team work, and the Chinese communication styles and conflict resolution

**Contents**
- Introduction
- Enterprises and the social environment
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- Organizational and institutional building of enterprises
- Corporate culture
- The survival wisdom of middle managers
- Employee characteristics and management
- The relationships between employees and organizations
- Interpersonal communication and conflict resolution
- Work teams in enterprises
- When the East meets the West: a retrospect on China’s negotiations with foreigners
- Postscript

**Field of interest**
Management/Business for Professionals

**Target groups**
Research

**Product category**
Contributed volume

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**The Impacts of Biofuels on the Economy, Environment, and Poverty**

A Global Perspective

Interest in biofuels began with oil shocks in the 1970’s, but the more rapid development and consumption of biofuel industry in recent years has been primarily driven by mandates, subsidies, climate change concerns, emissions targets and energy security. From 2004 to 2006, fuel ethanol grew by 26% and biodiesel grew by 172%. As biofuel production continues to expand, investments in capacity expansion and research and development have been made.

**Features**
- Investigates various countries and their alternative fuel initiatives
- Analyses the environmental, economic and political ramifications of alternative fuel research and development
- Explores the issues of trade security, oil price volatility, climate change, greenhouse gas (GHG) mitigation and production costs associated with the development of alternative fuels

**Contents**
- Biofuels: An Introduction of Market and Impacts
- Technologies, Production Costs, and Support Policies
- Biofuels and Global Food Crisis
- Impact on Land
- Biofuels and Poverty
- Oil Price and Biofuels
- Biofuels and Climate Change Mitigation
- Policies for Biofuels: Direct Subsidies to Biofuels vs. Carbon Tax to Fossil Fuels
- Political Economy of Biofuels

**Field of interest**
Environmental Economics; Agricultural Economics; Energy Policy, Economics and Management

**Target groups**
Research

**Product category**
Contributed volume