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The Economics of Strategy - David Besanko
1995-12-25

This comprehensive book applies modern economic principles to study a firm's strategic position. It focuses on a company's boundaries economics, transactions costs, economies of scale and scope and diversification, as well as industrial organization economics. It also covers strategic positioning and dynamics associated with internal organization.

Big Data - BigData 2018 - Francis Y. L. Chin
2018-06-20

This volume constitutes the proceedings of the 7th International Conference on BIGDATA 2018, held as Part of SCF 2018 in Seattle, WA, USA in June 2018. The 22 full papers together with 10 short papers published in this volume were carefully reviewed and selected from 97 submissions. They are organized in topical sections such as Data analysis, data as a service, services computing, data conversion, data storage, data centers, dataflow architectures, data compression, data exchange, data modeling, databases, and data management.

Microbial Factories - Vipin Chandra Kalia
2016-02-16

This book highlights the efforts made by distinguished scientific researchers world-wide to meet two key challenges: i) the limited reserves of polluting fossil fuels, and ii) the ever-increasing amounts of waste being generated. These case studies have brought to the foreground certain innovative biological

solutions to real-life problems we now face on a global scale: environmental pollution and its role in deteriorating human health. The book also highlights major advances in microbial metabolisms, which can be used to produce bioenergy, biopolymers, bioactive molecules, enzymes, etc. Around the world, countries like China, Germany, France, Sweden and the US are now implementing major national programs for the production of biofuels. The book provides information on how to meet the chief technical challenges - identifying an industrially robust microbe and cheap raw material as feed. Of the various possibilities for generating bioenergy, the most attractive is the microbial production of biohydrogen, which has recently gained significant recognition worldwide, due to its high efficiency and eco-friendly nature. Further, the book highlights factors that can make these bioprocesses more economical, especially the cost of the feed. The anaerobic digestion (AD) process is more advantageous in comparison to aerobic processes for stabilizing biowastes and producing biofuels (hydrogen, biodiesel, 1,3-propanediol, methane, electricity), biopolymers (polyhydroxyalkanoates, cellulose, exopolysaccharides) and bioactive molecules (such as enzymes, volatile fatty acids, sugars, toxins, etc.) for biotechnological and medical applications. Information is provided on how the advent of molecular biological techniques can provide greater insights into novel microbial lineages. Bioinformatic tools and metagenomic

techniques have extended the limits to which these biological processes can be exploited to improve human welfare. A new dimension to these scientific works has been added by the emergence of synthetic biology. The Big Question is: How can these Microbial Factories be improved through metabolic engineering and what cost targets need to be met?

Regenerative Approaches in Dentistry -

Sepanta Hosseinpour 2021-01-25

This book provides evidence-based information in the field of regenerative dentistry discussing the most recent advances, current clinical applications, limitations and future directions. The coverage encompasses the regeneration of alveolar bone, the dentine-pulp complex, enamel, the periodontium and other tissues associated with the oral cavity. A full description is provided of regenerative approaches in dentistry including regenerative endodontics and tooth repair, regenerative periodontics, regenerative assisted orthodontics, regenerative approaches in oral medicine, and dental tissue derived stem cells and their potential applications. The book is written by an international team of leading experts. It will be beneficial for students, practitioners and researchers in the fields of endodontics, periodontics and implantology.

Shaping for Cleaning the Root Canals - Gustavo De Deus 2022

This book provides clinicians with up-to-date, scientifically based guidance on the most important stages of endodontic treatment, i.e., cleaning and shaping of the root canal space, including mechanical preparation and chemical disinfection. Five internationally recognized experts present and discuss recent developments and new perspectives in the field. Important advances in root canal preparation and irrigation procedures are described with the aid of numerous high-quality illustrations. A key feature of the book is the detailed attention devoted to the latest research findings and to their impact on contemporary evidence-based clinical guidelines and modern clinical practice. On this basis, simple treatment protocols are proposed that take the anatomy of the root canals fully into account. In addition, emerging problems and trends are considered. The book will be an excellent resource for clinicians and advanced practitioners who are seeking to

update their practice.

Agrobiodiversity, School Gardens and Healthy Diets -

Danny Hunter 2020-03-03

This book critically assesses the role of agrobiodiversity in school gardens and its contribution to diversifying diets, promoting healthy eating habits and improving nutrition among schoolchildren as well as other benefits relating to climate change adaptation, ecoliteracy and greening school spaces. Many schoolchildren suffer from various forms of malnutrition and it is important to address their nutritional status given the effects it has on their health, cognition, and subsequently their educational achievement. Schools are recognized as excellent platforms for promoting lifelong healthy eating and improving long-term, sustainable nutrition security required for optimum educational outcomes. This book reveals the multiple benefits of school gardens for improving nutrition and education for children and their families. It examines issues such as school feeding, community food production, school gardening, nutritional education and the promotion of agrobiodiversity, and draws on international case studies, from both developed and developing nations, to provide a comprehensive global assessment. This book will be essential reading for those interested in promoting agrobiodiversity, sustainable nutrition and healthy eating habits in schools and public institutions more generally. It identifies recurring and emerging issues, establishes best practices, identifies key criteria for success and advises on strategies for scaling up and scaling out elements to improve the uptake of school gardens.

Current Strategies to Improve the Nutritional and Physical Quality of Baked Goods -

Mario Martinez Martinez 2020-03-18

The lifestyle of humans is rapidly changing, and, correspondingly, their needs and the current and future megatrends of the food market. It is worth mentioning (1) the preference for natural, simple, and flexible diets that drive the further expansion of plant-focused formulations, (2) the focus on food sustainability (food waste reduction), and (3) the interest in healthy eating as the basis for good health. The hectic routine and rapid urbanization in developed and developing regions, respectively, have shifted

consumer preferences toward bread and baked foods, which, interestingly, are often high in sugars and are categorized as having a high glycemic index. Therefore, it is of major importance to address the technological challenges of manufacturing baked goods with high physical and sensory quality that result in positive metabolic responses. This Special Issue seeks to provide fundamental understanding in this area and novel strategies to improve the nutritional properties of baked goods, including a decrease in starch bioaccessibility, sugar reduction, increase in fiber and/or protein content, and the improvement of phytochemical bioactivity. This Special Issue will also cover studies on the physical and sensory improvements of baked goods that may provide a mechanistic understanding to minimize the loss of quality after the incorporation of nutritional-improving ingredients, such as edible byproducts, proteins, or fibers. Last but not least, studies focused on the reduction of additives (clean label) or fat and on the use of sourdough to improve the sensory properties of baked goods will also be included.

Marketing Management in Geographically Remote Industrial Clusters - George Tesar 2012-11-27

This book is the first to cover marketing management issues in geographically remote industrial clusters (GRICs). The phenomena of GRICs have increased in importance, especially in the Nordic countries, due to changes in industry structures as well as political ambitions. The practice of marketing and marketing management is not singular to industry clusters in Nordic countries. Remote areas in parts of the United States, South and Central America, and South East Asia exhibit similar tendencies. The problems faced by many entrepreneurial managers managing start-up or even existing enterprises are complex and require an in-depth understanding not only of the problems themselves, but also of the contextual framework in which these problems need to be solved. This book contains original cases that cover issues like cluster formation, information gathering, marketing strategies and operations, and information-technology. Examples come from industries like textile & furniture, automobile, agro-machinery, food, wine,

software, and management consulting.

Food and fuel - Marcos Fava Neves 2011-02-17
This book is a contribution of the authors to the food - fuel debate. During 2007 and 2008 several factors led to the food inflation problem: growing population, income distribution, urbanization, biofuel, social programs, production scarcity etc.. Biofuel got most of the blame for food inflation but its responsibility was only limited. There are several possibilities of solving the food inflation problem that are discussed in this book. It explores the example of Brazil's agricultural sector, where a quiet revolution occurred in the last 15 years. This development is leading to Brazil becoming one of the largest food exporters globally. This position will strengthen as an additional 100 million hectares becomes available for crop development. The second part of the book explores the basics of the sugar cane chain. Sugar cane occupies less than 2% of Brazilian arable land and supplies 50% of Brazilian car fuel. In 2010 Brazil produced 53% of the world's sugar. Sugar cane produces sugar, ethanol (used as car fuel), biogases that are used to co-generate electricity and other by-products. Biofuel is a booming industry. New technologies allow production of diesel and other fuels from cane. Sugar cane ethanol is the only renewable fuel that can currently compete with gasoline. Coca Cola just launched the plastic bottle with sugar cane plastic. This book helps us to understand Brazilian agribusiness and sugar cane economics from various perspectives e.g. international investments, sustainability, future trends and the strategic plan for the Brazilian industry.

Transnational Corporations - United Nations Conference on Trade and Development (UNCTAD) 2019-06-03

Transnational Corporations is a policy-oriented journal for the publication of research on the activities of transnational corporations and their implication for economic development. Articles accepted for publication in this issue report on the following research themes: international tax

Food and Agribusiness in 2030: a Roadmap - Marcos Fava Neves 2020-10-29

At the moment of writing, we are in the last quarter of an incredible year. The world is facing an astonishing number of changes resulting from

one of the worst pandemics ever. Food, agribusiness, and biofuel chains will be working in a new macro environment and will operate differently after 2020. These structural changes come on top of the need to increase food production to feed 9 billion people in 2050 and the urgency to increase renewable sources of energy to promote sustainability, save resources and limit climate change. 'Food and Agribusiness in 2030: A Roadmap' offers tools for understanding this new macro environment and helps to position food chains. It helps companies to take advantage of opportunities. The tools relate to strategic planning of food chains in the new scenario, understanding what will happen with chain participants, where markets will grow, how consumers will behave, how sustainability will gain importance, and how cooperatives, associations and other forms of collective actions will gather force. The goal of this book is to offer something very practical so that companies and other public or private organisations can read a chapter and start discussing what they should do next and take a look at their roadmap. Good luck with your planning process.

Cotton Cooperatives - Bruce J. Reynolds 1985

The Future of Food Business - Marcos Fava Neves 2011

This unique book is a collection of articles published by the author in leading newspapers around the world. The papers focus on food chains and new concepts and ideas on how to increase competitiveness and value within the food and agricultural sectors. The book gives a comprehensive description of the food chain and suggests methods and tools that can be used by companies to re-structure their innovative market strategies. It discusses up-to-date trends, world food crises, integrated food chains and strategic planning for companies in the food sector. It also covers international investments and the role of governments in food chains. The book will motivate readers to rethink how business is conducted in the food chain and proposes new strategies for companies in the food sector. It is a must-read for entrepreneurs and researchers who are active in the food chain network.

Internal Marketing: Directions for

Management - Barbara Lewis 2000-08-24
Bringing together contributions from leading writers in the field of service marketing and management, this book represents a much-needed source of current research and conceptual development in internal marketing. Key themes and issues explored include: * the social model of marketing * the human resource management perspective * marketing and service

Buyology - Martin Lindstrom 2010-02-02
NEW YORK TIMES BESTSELLER • "A fascinating look at how consumers perceive logos, ads, commercials, brands, and products."—Time
How much do we know about why we buy? What truly influences our decisions in today's message-cluttered world? In *Buyology*, Martin Lindstrom presents the astonishing findings from his groundbreaking three-year, seven-million-dollar neuromarketing study—a cutting-edge experiment that peered inside the brains of 2,000 volunteers from all around the world as they encountered various ads, logos, commercials, brands, and products. His startling results shatter much of what we have long believed about what captures our interest—and drives us to buy. Among the questions he explores: • Does sex actually sell? • Does subliminal advertising still surround us? • Can "cool" brands trigger our mating instincts? • Can our other senses—smell, touch, and sound—be aroused when we see a product? *Buyology* is a fascinating and shocking journey into the mind of today's consumer that will captivate anyone who's been seduced—or turned off—by marketers' relentless attempts to win our loyalty, our money, and our minds.

Demand Driven Strategic Planning - Marcos Fava Neves 2012-11-12

This book offers students and practitioners alike an integrated approach to strategic planning for companies. Marcos Fava Neves presents a new and unique perspective on this critical topic based on three main points: strongly demand-driven decisions that bridge the gap between long- and short-term strategy; a vision of a company as an integrated network, full of relationships that deserve consideration during the planning process; and the introduction of 'collective-action' thinking, which raises the prospect for cooperation between competitors. With this clear, comprehensive framework for

strategic planning, companies can be sure to navigate today's complex environment and enhance their prospects of success.

Breakout Strategies for Emerging Markets - Jagdish N. Sheth 2016-06-27

Real strategies, tactics & solutions for succeeding in emerging markets now Attract non-consumers and upscale current customers Reflect local culture, tradition, and preferences across your business Make your products easier to find, buy, and use Strengthen your brand and deliver on your brand promises Engage and serve all your stakeholders Build a sustainable, profitable business How big is your emerging market opportunity? Potential annual consumption will hit \$30 trillion by 2025, with \$10 trillion in India and China alone. Emerging economies are transforming markets worldwide—attracting multinationals, strengthening domestic firms, and launching local brands onto the global stage. Best of all, there are now proven best practices for succeeding in these markets. They've been developed the hard way: through the experiences of pioneers who've learned from mistakes and listened to their customers. This book's brand stories reflects these winning strategies. You'll learn from high-profile leaders like Gillette, Levi's, Starbucks, Alibaba, GlaxoSmith-Kline, and WeChat—and from great companies you'll discover for the first time. Linking theory to practice, the authors offer expert guidance on attracting non-users, adapting products, aligning with local culture, optimizing channels, building brands, upscaling, strengthening relationships, and much more. You've never had an opportunity this enormous. Nobody has. Get it right—with the right advice, right from the trenches. Emerging markets offer the biggest growth opportunity in the history of capitalism. This practical guide offers a comprehensive, strategic marketing perspective tailored to these new markets. Leading experts demonstrate how companies can succeed both today and tomorrow, no matter what happens in the global economy. Breakout Strategies for Emerging Markets integrates insights drawn from the authors' extensive primary research worldwide, their pioneering academic research and case development, practical consulting and management experience, and their

conversations with industry leaders on several continents. You will learn about the experiences and actions of both local and global enterprises in industries ranging from consumer goods to entertainment, apparel to finance. The authors share new insights for attracting non-users by developing products, aligning with local traditions, upscaling, selecting channels, financing, brand messaging, using e-commerce, building relationships, and more. Discover how to... Convert non-users: Optimize acceptability, affordability, accessibility, and awareness Create "functional Fusion": Adapt products to blend western and local elements Design "cultural fusion": Embed local tradition, history, language, and taste Democratize the offer: Make products more affordable, financially and psychologically Upscale the offer: Upgrade choices and experiences across the income spectrum Manage reach: Get your channels and supply chains right Reinvent reach: Leverage revolutionary channels and payment methods Build brand identity: Align your brand essence with your customer's experience Engage stakeholders: Serve the needs of every entity you touch

Agri-food Chain Relationships - Christian Fischer 2010

Against the background of global market liberalization, increasing consumer awareness and concerns and the spreading of complex technology, new ways to produce, distribute and consume food are evolving. The organization of agricultural production and distribution systems need to adapt, including the development and maintenance of sustainable business relationships between farmers, food processors and grocery retailers. While agricultural value chains have been promoted for decades, more attention is needed on how to enable economic agents to develop lasting relationships and trust within value chains. Using qualitative and quantitative empirical results, Agri-food Chain Relationships offers an insight into the sustainability of current agribusiness relationships and discusses how these may be improved. Theoretical foundations for analysing agri-food chain relations are considered alongside case studies of different countries, food chains and chain stages regarding the issues of sustainable relationships and trust.

Advances in Cleaner Production - Biagio F. Giannetti 2015-03-05

Cleaner Production is an emerging field of research that comprises concepts and methodologies from different disciplines in a problem-oriented manner. Research efforts are often concentrated in a variety of sectoral domains; and, for understanding the global change which embraces a variety of processes on several scales, a variety of environmental and sustainability aspects can be addressed. This book brings contributions from researchers that participated in editions of the International Workshop Advances in Cleaner Production (www.advancesincleanerproduction.net) held in São Paulo, Brazil. The book includes contributions from researchers from various countries for the development of Cleaner Production. Divided into three sections, the book addresses national experiences for the implementation of CP programs, research related to the metrics used to assess the effects of CP initiatives in the production sector and discussions that emerge before and after the implementation of these programs. Methodological approaches presented can be useful in the design and management of production systems, for policy development, environmental risk reduction, and prevention/mitigation strategies.

Microbiome in Human Health and Disease - Pallaval Veera Bramhachari 2021-10-18

The book provides an overview on how the microbiome contributes to human health and disease. The microbiome has also become a burgeoning field of research in medicine, agriculture & environment. The readers will obtain profound knowledge on the connection between intestinal microbiota and immune defense systems, medicine, agriculture & environment. The book may address several researchers, clinicians and scholars working in biomedicine, microbiology and immunology. The application of new technologies has no doubt revolutionized the research initiatives providing new insights into the dynamics of these complex microbial communities and their role in medicine, agriculture & environment shall be more emphasized. Drawing on broad range concepts of disciplines and model systems, this book primarily provides a conceptual framework

for understanding these human-microbe, animal-microbe & plant-microbe, interactions while shedding critical light on the scientific challenges that lie ahead. Furthermore this book explains why microbiome research demands a creative and interdisciplinary thinking—the capacity to combine microbiology with human, animal and plant physiology, ecological theory with immunology, and evolutionary perspectives with metabolic science. This book provides an accessible and authoritative guide to the fundamental principles of microbiome science, an exciting and fast-emerging new discipline that is reshaping many aspects of the life sciences. These microbial partners can also drive ecologically important traits, from thermal tolerance to diet in a typical immune system, and have contributed to animal and plant diversification over long evolutionary timescales. Also this book explains why microbiome research presents a more complete picture of the biology of humans and other animals, and how it can deliver novel therapies for human health and new strategies.

Future Of Food Business, The: The Facts, The Impacts And The Acts - Marcos Fava Neves 2011-07-25

Latest Edition: *The Future of Food Business: The Facts, The Impacts and The Acts* (2nd Edition) This unique book is a collection of articles published by the author in leading newspapers around the world. The papers focus on food chains and new concepts and ideas on how to increase competitiveness and value within the food and agricultural sectors. The book gives a comprehensive description of the food chain and suggests methods and tools that can be used by companies to re-structure their innovative market strategies. It discusses up-to-date trends, world food crises, integrated food chains and strategic planning for companies in the food sector. It also covers international investments and the role of governments in food chains. The book will motivate readers to rethink how business is conducted in the food chain and proposes new strategies for companies in the food sector. It is a must-read for entrepreneurs and researchers who are active in the food chain network. Contents: *The Food Production Chains Environment: From Farms to ... Everything Navigating the Global Food*

SystemThe Roots of Food and Agribusiness
ThinkingThe Global Food ConsumerThe World of
Retailer BrandsRetailers, The Giants of
ChainsThe Four Ps of Sustainability PlanningThe
Global Financial Crisis, BRIC and Food
CompaniesThe Food Crisis Will be
BackStrategies for Solving the Food Inflation
ProblemBridging the Food Dilemma: The Case of
China and BrazilAlternative Solutions for the
Food CrisisFood Chains and Networks
Development: A 14 Point ListHow to Build a
Strategic Plan for Food Chain: The Chain Plan
MethodStrategic Planning For Food
Companies:The Consumer's KingdomDemand-
Driven OrganizationsStrategic Planning
SatelliteFood Companies' Strategies in the
Network EraPlanning Strategies for
2010-2020How to Capture Value?:Innovation in
Integrated Food ChainsInnovation Agenda for
the Food Industry and RetailersCreative Pricing
StrategiesValue Capture Trilogy: The CostsValue
Capture Trilogy: DifferentiationValue Capture
Trilogy: Collective ActionCreating a Winning
ConceptConsumer Risk AnalysisInternational
Investments and Role of Governments:A
Strategy for International InvestmentsHow to
Evaluate the Capacity of International
Investments to Promote Economic
Development?How to Promote and Regulate
International Investments?Colombia: An
Example of the Role of
GovernmentsIncorporating Smallholders into
Modern Food Chains Readership: Students and
researchers of agribusiness and marketing
courses; business professionals;
environmentalists and general public interested
in food chain.
Keywords:Food;Agribusiness;Sustainability;Food
Chains;Strategic Planning;Innovation;Value
Capture;InvestmentsKey Features:Covers up-to-
date trends and innovations in Integrated Food
Chains, value Capture Trilogy and international
investments in the food sectorPresents the
unique "The CHAINPLAN Method"Presents
practical tools that can be applied by
researchers and companies operating in the food
chain sectorReviews: "Marcos Fava Neves
describes the very complex global food chain
and suggests methods and tools that can be used
by companies to adjust their strategies and
operational concepts in an ever rapid changing

world. He discusses trends, world food crises,
food chain complexity and strategic planning for
food companies. It is an essential read for
entrepreneurs and researchers who are active in
the world-wide food chain network." Hans Johr
Corporate Head of Agriculture Nestle
Switzerland "The Future of food Business
presents a comprehensive look at our challenges
in food chain, combining theory with relevant
examples in this space. This should be
mandatory for all students and professionals that
work in agribusiness." Renato Seraphim Head of
New Business Syngenta Latin America "I think
the research and analysis done by Dr Neves
leading to a rather conclusive strategy is a good
reflection of his deep insight into the food value
chain. The presentation style in the book makes
for easy reading too." M D Ramesh OLAM Africa
"The Future of Food Business is an easy-to-read
book. Each chapter presents an important issue
and ends with intriguing questions for debate,
which makes it particularly useful in strategic
planning processes. Highly recommended.&"
Mary Shelman Director of Harvard Business
School "The path forward to 2050 requires new
innovative thought leaders in order to meet the
challenges of increased food production for a
growing and affluent global population. Dr Fava
Neves motivates readers to rethink how business
gets done on frontlines." Paul Jasper CEO,
Covered Logistics and Transportation, USA
"Marcos' book elucidates the impending food
challenge that will be a central concern for most
governments in the immediate future; he puts
forth innovative practical solutions to address
the issue. The book is a must read for not only
concerned people in the public and private
enterprises but responsible citizenry all over the
world. The book should be part of reference
reading for most college graduates to create an
awareness about the issues as they are impacted
most by the food crisis." Raj Vardhan, Sr. Vice
President LAM International, China "I had the
opportunity to actively participate in a one-day
seminar of Prof. Marcos Fava Neves in Saint
Louis, USA, where the contents of the book were
presented and discussed. I am amazed about the
knowledge the author has about the food
industry." G B Sundarajan Suguna Foods
Limited, India "Marcos is a profound analyst of
global food and agribusiness issues. He has a

great vision, youth behavior and sagacity to understand complex environment and translate in a simple message.&” Gustavo Grobocopatel CEO of Los Grobo, Argentina “Food used to be a day-to-day task to provide for it and it is very close to everybody's imagination. However, today's society is characterised by individuals who are regarded to be a food expert but it takes people like Dr Marcos Fava Neves who not only explains today's food supply and puts food into a global perspective but also challenges tomorrow's needs and requirements. All with an open mindset and in a stimulating and inviting style. I suggest you join and become a knowledgeable food entrepreneur as well.” Marc van Genuchten Commercial Director Continental Juice/Centrale, The Netherlands

The Future of Food Business - Marcos Fava Neves 2014

The Second Edition of The Future of Food Business: The Facts, The Impacts and The Acts is an updated collection of thoughtful articles previously published in leading newspapers around the world based on the author's practical life as international project leader, consultant, businessman, academic professor and world traveller. These articles focus on global food and agribusiness environment, food production trends, the structure of food chains as well as new concepts and ideas on how to increase competitiveness of food companies to create, capture and share value within the global food and agricultural sectors. This book also includes practical methods and smart tools that can be used by companies to facilitate their strategic planning and thinking processes, demand-driven orientation, supply chain organization, marketing channels re-structure and mostly, how to create, capture and share value in innovative market strategies. It is designed to be an easy-to-read business book with short chapters, discussion questions and group exercises. Receiving more than 20 positive endorsements from CEOs, the book is a must-read for entrepreneurs, researchers, executives and students who are active in the world's food business.

The Future of Food Business - Marcos Fava Neves 2014-05-21

The Second Edition of The Future of Food Business: The Facts, The Impacts and The Acts

is an updated collection of thoughtful articles previously published in leading newspapers around the world based on the author's practical life as international project leader, consultant, businessman, academic professor and world traveller. These articles focus on global food and agribusiness environment, food production trends, the structure of food chains as well as new concepts and ideas on how to increase competitiveness of food companies to create, capture and share value within the global food and agricultural sectors. This book also includes practical methods and smart tools that can be used by companies to facilitate their strategic planning and thinking processes, demand-driven orientation, supply chain organization, marketing channels re-structure and mostly, how to create, capture and share value in innovative market strategies. It is designed to be an easy-to-read business book with short chapters, discussion questions and group exercises. Receiving more than 20 positive endorsements from CEOs, the book is a must-read for entrepreneurs, researchers, executives and students who are active in the world's food business. Contents: The Food Production Chains Environment: Environmental Changes Affecting Food and Agribusiness: What are the Trends? Let Us Ensure the Seven Billionth Inhabitant is Well Fed Dry Spell Necessitates Plan for a Crisis Effects of Exchange Rates in Food Trade From Farms to ... Everything Navigating the Global Food System The Roots of Food and Agribusiness Thinking Understanding the Global Food Consumer The World of Retailers Brands Retailers: The Giants of Chains The Evolving Role of Trading Companies in Food Chains The New World of Farmers The World of “Seed, Weed and Bug” Companies within Food Chains Global Risks, Financial Crisis, BRIC and Food Companies The Food Crisis Will be Back Strategies for Solving the Food Inflation Problem Bridging the Food Dilemma: The Case of China and Brazil Interesting Differences of Developed and Emerging Economies How Can Chinese Companies Feed the World? Structural Challenges in Chinese Food and Meat Chains An Incredible Journey through India What to Expect from Africa? There are Alternative Solutions for the Food Crisis Food Chains and Networks Development: A 14-Point List Scenario Planning

for Food Chains
How to Build a Strategic Plan for a Food Chain: The ChainPlan Method
The Four P's of Sustainability Planning
Producing More Food with Less Resources
Sustainable Supply Chain Initiatives
More about Sustainable Supply Chains
Strategic Planning and Management for Food Companies:
The Consumer's Kingdom
Developing Offers in Tune with Consumer Movements
Demand-Driven Organizations
Questions Toward a Demand-Driven Orientation
Strategic Planning Satellite
The Company is an Integrated Network in the New Era
Food Companies' Strategies in the Network Era
Planning Strategies for 2025
Questions to Think "Out of the Box"
Strategic Planning of Clusters
How to Organize the Supply Chain of a Company?
The Macro-Environment and Risk Analysis
How to Create, Capture and Share Value?:
Innovation in Integrated Food Chains
Innovation Agenda for Food Industry and Retailers
Marketing and Distribution Channels
Analysis and Trends
Improving Food Marketing Channel's Performance
What are Advantages and Risks of Building Joint Ventures in Food Business?
What are Advantages and Disadvantages of Building Franchisees in Food Business?
Developing Own Stores: What are Advantages and Disadvantages?
Creating Differentiation and Positioning for Food Business
"Go to Market" Strategies in Emerging Countries
Creative Food Pricing Strategies
Value Creation, Capture and Sharing Trilogy: The Costs
Value Creation, Capture and Sharing Trilogy:
Differentiation
Value Creation, Capture and Sharing Trilogy: Collective Actions
Creating a Winning Food Concept
The Consumer's Risk Analysis
Building Inter-Organizational Relationships and Contracts
The Connectivity Era: Receiving Information
Gap Analysis Tool (GAT) for Improving Performance
International Investment & Role of Governments:
Building a Strategy for International Investments in Food and Agribusiness
How to Promote and Regulate International Investments in Food and Agribusiness?
How to Evaluate International Investments' Capacity to Promote Economic Development?
Land for Free ... Is This Possible for Food Companies?
The CODEVASF Case
The Benefits and Risks of Governments Supporting Local Companies to Internationalize
Colombia:

An Example of the Role of Governments
Incorporating Small Holders into Modern Food Chains
Social Inclusion in Modern Food Chains
Readership: Students and researchers of agribusiness and marketing courses; business professionals; environmentalists; and general public interested in food chain.
Keywords: Food Production; Food Consumption; Agribusiness; Food; Strategic Planning; Marketing
Key Features: Gives a comprehensive description of global food and agribusiness environment, food production trends and the structure of food chains
Covers international investments and the role of governments in food chains
Easy-to-read book with practical discussion questions and exercises
Reviews: "Professor Neves' knowledge and insights on the complexity of food chains is impressive. Food safety crisis is never such a big challenge to the stakeholders of the food chain in China, especially to the government authorities of various levels and agribusiness companies. The Future of Food Business is a valuable tool for them as well as the researchers to find practical solutions to address the tough food safety and quality problems in China." Jiqin Han Professor of Nanjing Agricultural University, China
"With an ever growing population and limited natural resources, The Future of Food Business is an extremely valuable resource for anyone interested in understanding the dynamics of the food supply chain, and what the future of food business holds, particularly at a time when we find ourselves grappling with critical issues which will have a lasting impact on natural resources, the entire food system and how it is governed." Adil K Sattar Executive Director, K&N's, Pakistan
"Marcos develops creative ideas based on facts that are likely to contribute to the shaping of the food sector over the next ten years. His visions are accompanied by innovating tools very helpful for entrepreneurs, young managers and government officials by doing their strategic planning in the food sector. I fully share the epilogue of his book where he outlines the importance and the characteristics of managers that 'make it happen'." Hans Peter Baier COB
Bongrain/Polenghi, South America
"In less than 35 years, Africa's population will double to two billion people, approximately 25% of the global

population then. Large areas are richly endowed with land and water, yet Africa remains a net importer of food. Professor Marcos Fava Neves, a very good friend of South Africa and Africa, has again shown, through *The Future of Food Business*, the way to develop globally competitive value chains that provide sustainable food security solutions and growth for the sector." John Purchase CEO, Agribusiness Chamber, South Africa "I bought the book *The Future of Food Business*, from Kinokuniya in Singapore. It was a very unusual literature I ever came across on a book stand and bought it immediately after glancing once. I'm in the aquaculture segment operating in Singapore, and found this book very useful for my business future planning. It opened a wider perspective of my business and truly contributed in mapping my business operation and strategic plan." Frank Tan Marine Life Aquaculture Pte Ltd, Singapore "Considering all the macro-environmental changes that are affecting food companies and agribusiness, Prof. Dr Marcos Fava shows us in a simple and clear way, what are the trends and impacts of this market in the future, and presents solutions, studies and new methods to elaborate an effective Strategic Plan. *The Future of Food Business* is required reading for students, agribusiness professionals and entrepreneurs." Liza Rocha Account Manager at Natural Design, Brazil "Marcos Fava Neves is a novel professor who tries to understand why some players apply certain strategies, move in different directions or work with several companies. His insights in this new book are the result of the study of food and agribusiness at theoretical and practical levels. He provides many examples and cases with strong theoretical support leveraged with his experiences as advisor of companies, networks, chains and clusters in Brazil, Argentina, Uruguay, and the US among other countries. As a result, Professor Fava Neves' book, a must-read for students as well as for entrepreneurs, has the makings of a best seller." Sebastian Senesi and Hernan Palau Professors at University of Buenos Aires, Argentina "The challenge that we have to feed the world in the next fifty years is enormous. I am very pleased that Dr Marcos Fava is making the effort to enlighten those people not working in

agriculture so that they have a better understanding of the magnitude of the efforts that are needed for us to be successful." Jerry Moyer President of Cobb, Vantress International, USA "This book provides an answer to the future of food business challenges. Really, we are living in a time when the world is more connected, and equally the challenges are more complicated as never before, furthermore society, environment and economics are interconnected more. Within this view, Marcos Fava Neves presents solutions and our future thinking to address the problems in simple and innovative manner with scientific discoveries. In addition, this book is very informative in how to fill the gaps in the world's demand for food and society responsibility during this uncertain and volatile food market. Thank you for showing us the facts, the impacts and how to act ..." Mogos Yakob Teweldemedhin Professor at University Polytechnic of Namibia, Africa "Marcos Fava Neves has written a very intelligent book providing both expert as well as the general public stimulating insights into the intricacies of the global food business. In view of its complexities and challenges this book is a must-read." Guy Kempfert Director, Syngenta Basel, Switzerland Reviews from the First Edition: "Marcos Fava Neves describes the very complex global food chain and suggests methods and tools that can be used by companies to adjust their strategies and operational concepts in an ever rapid changing world. He discusses trends, world food crises, food chain complexity and strategic planning for food companies. It is an essential read for entrepreneurs and researchers who are active in the worldwide food chain network." Hans Johr Corporate Head of Agriculture, Nestle Switzerland "The Future of Food Business presents a comprehensive look at our challenges in food chain, combining theory with relevant examples in this space. This should be mandatory for all students and professionals that work in agribusiness." Renato Seraphim Business Development, Bayer Latin America "I think the research and analysis done by Dr Fava Neves leading to a rather conclusive strategy is a good reflection of his deep insight into the food value chain. The presentation style in the book makes for easy reading too." M D Ramesh CEO of OLAM Africa "The Future of Food Business is an easy-to-read book. Each

chapter presents an important issue and ends with intriguing questions for debate, which makes it particularly useful in strategic planning processes. Highly recommended." Mary Shelman Director of Harvard Business School, USA "The path forward to 2050 requires new innovative thought leaders in order to meet the challenges of increased food production for a growing and affluent global population. Dr Fava Neves motivates readers to rethink how business gets done on frontlines." Paul Jasper CEO, Covered Logistics and Transportation, USA "Marcos' book elucidates the impending food challenge that will be a central concern for most governments in the immediate future; he puts forth innovative practical solutions to address the issue. The book is a must read for not only concerned people in the public and private enterprises but responsible citizenry all over the world. The book should be part of reference reading for most college graduates to create an awareness about the issues as they are impacted most by the food crisis." Raj Vardhan Vice President, OLAM International, China "I had the opportunity to actively participate in a one day seminar of Professor Marcos Fava Neves in Saint Louis, USA, where the content of the book was presented and discussed. I am amazed about the knowledge the author has about the food industry." G B Sundarajan Suguna Foods Limited, India "Marcos is a profound analyst of global food and agribusiness issues. He has a great vision, youth behavior and sagacity to understand complex environment and translate in a simple message." Gustavo Grobocopatel CEO of Los Grobo, Argentina "Food used to be a day-to-day task to provide for it and it is very close to everybody's imagination. However, today's society is characterized by individuals who are regarded to be a food expert but it takes people like Dr. Marcos Fava Neves who not only explains today's food supply and puts food into a global perspective but also challenges tomorrows needs and requirements. All with an open mindset and in a stimulating and inviting style. I suggest you join and become a knowledgeable food entrepreneur as well." Marc van Genuchten Commercial Director, Continental Juice/Centrale, The Netherlands

Well-Being Therapy - G.A. Fava 2016-03-07

Well-Being Therapy (WBT) is the

psychotherapeutic approach developed by Giovanni Fava, a world-renowned psychiatrist and psychotherapist, and the editor-in-chief of Psychotherapy and Psychosomatics. WBT is an innovative strategy that is based on monitoring psychological well-being, whereby the patient progressively learns how to make it grow. This type of therapy has enjoyed much success and is increasing in popularity around the world. The first part of this long-awaited book describes how the idea for WBT was formed, the first patient treated, and the current evidence that supports this approach. In Part II, Giovanni Fava provides the treatment manual of WBT, describing what each session entails, and includes many examples from his own cases. The last part covers some of the specific conditions for which WBT can be used and how sessions can be conducted. It includes sections on depression, mood swings, generalized anxiety disorder, panic and agoraphobia, and posttraumatic stress disorder. There is also information on the application of WBT in interventions in school settings. Throughout the book, Dr. Fava keeps things interesting by peppering his narrative with anecdotes from his medical career. The primary audience for this book is professionals within psychology, psychiatry, and other fields of medicine (e.g., family practice, pediatrics, and rehabilitation). However, the book is written in a relaxed, clear, and accessible style that also makes it of interest to counselors, educators, and family and friends of patients, not to mention patients themselves.

Female and Male Contraception - Maria Cristina Merigiola 2021-06-01

This book provides healthcare professionals, the medical community, residents and students with an up-to-date handbook on current female and male contraceptive options. It illustrates the process of contraceptive development, from ancient times to steroid discovery up to the most recent formulations that provide not only an optimal contraceptive efficacy but also complimentary health benefits for women. It offers a comprehensive overview of the current knowledge on this topic, ranging from biological contraceptive mechanisms to the challenges of contraceptive use in different clinical conditions. It also presents reviews of the current latest, including preclinical and clinical research, to

provide detailed and up-to-date information on recently developed contraceptives. It also features a section on counseling, which is highly relevant to optimal contraceptive provision and compliance. Each chapter has been written by a leading expert in the field and provides a comprehensive reference on the topic as well as practical implications. As such, this book provides accessible and authoritative information for clinicians in their everyday practice and for students interested in expanding their knowledge on the topic.

The Health Benefits of Foods - Liana Claudia Salanta 2020-04-01

The global market of foods with health claims remains highly dynamic and is predicted to expand even further. Consumers have become increasingly aware of the importance of consuming healthy foods in order to have a well-balanced diet and this has increased the demand for foods with health benefits. On the other hand, the food sector companies are trying to meet the new consumers' expectations while designing a variety of novel, enhanced products. Thus, understanding the potential uses of bioactive compounds in food products, the wide range of therapeutic effects, and the possible mechanisms of action is essential for developing healthier products. Covering important aspects of valuable food molecules, this book revises the current knowledge, providing scientifically demonstrated information about the benefits and uses of functional food components, their applications, and the future challenges in nutrition and diet.

The Amazonian Caboclo and the Açaí Palm - Eduardo S. Brondízio 2008

Appetite and Satiety Control-Gut Mechanisms - Christine Feinle-Bisset 2021-12-24

The prevalence of obesity and its comorbidities, particularly type 2 diabetes, cardiovascular and hepatic disease and certain cancers, continues to rise worldwide. Paradoxically, despite an increasingly obesogenic environment, particularly in Western societies, undernutrition is also extremely common. The application of novel, sophisticated techniques, particularly related to imaging and molecular biology, has substantially advanced our understanding of the

mechanisms controlling appetite and energy intake. This has led to a redefinition of many concepts, including the relative importance of central versus peripheral mechanisms, recognising that the gastrointestinal (GI) tract, particularly gut hormones, plays a critical role. Given the major advance in knowledge in the field, this Special Issue provides a comprehensive overview of the GI mechanisms underlying the regulation of appetite and energy intake, as a series of definitive reviews by international authorities. The reviews address gut-related mechanisms, including nutrient sensing, gut hormones and GI motility, gut-brain communication, including the roles of the vagus and the modulation of reward perception, the roles of diet and the microbiota, as well as the abnormalities associated with eating disorders, specifically obesity and anorexia of ageing, and the beneficial effects of bariatric surgery. The reviews cover both preclinical research and studies in humans, and are complemented by a number of important original papers.

Industry 4.0 and Circular Economy - Antonis Mavropoulos 2020-11-16

How the marriage of Industry 4.0 and the Circular Economy can radically transform waste management—and our world Do we really have to make a choice between a wasteless and nonproductive world or a wasteful and ultimately self-destructive one? Futurist and world-renowned waste management scientist Antonis Mavropoulos and sustainable business developer and digital strategist Anders Nilsen respond with a ringing and optimistic “No!” They explore the Earth-changing potential of a happy (and wasteless) marriage between Industry 4.0 and a Circular Economy that could—with properly reshaped waste management practices—deliver transformative environmental, health, and societal benefits. This book is about the possibility of a brand-new world and the challenges to achieve it. The fourth industrial revolution has given us innovations including robotics, artificial intelligence, 3D-printing, and biotech. By using these technologies to advance the Circular Economy—where industry produces more durable materials and runs on its own byproducts—the waste management industry will become a central element of a more

sustainable world and can ensure its own, but well beyond business as usual, future. Mavropoulos and Nilsen look at how this can be achieved—a wasteless world will require more waste management—and examine obstacles and opportunities such as demographics, urbanization, global warming, and the environmental strain caused by the rise of the global middle class. · Explore the new prevention, reduction, and elimination methods transforming waste management · Comprehend and capitalize on the business implications for the sector · Understand the theory via practical examples and case studies · Appreciate the social benefits of the new approach Waste-management has always been vital for the protection of health and the environment. Now it can become a crucial role model in showing how Industry 4.0 and the Circular Economy can converge to ensure flourishing, sustainable—and much brighter—future.

Fresh-Cut Fruits and Vegetables - Olusola Lamikanra 2002-02-14

Fresh-cut Fruits and Vegetables: Science, Technology, and Market provides a comprehensive reference source for the emerging fresh-cut fruits and vegetables industry. It focuses on the unique biochemical, physiological, microbiological, and quality changes in fresh-cut processing and storage and on the distinct equipment design, packaging requirements, production economics, and marketing considerations for fresh-cut products. Based on the extensive research in this area during the past 10 years, this reference is the first to cover the complete spectrum of science, technology, and marketing issues related to this field, including production, processing, physiology, biochemistry, microbiology, safety, engineering, sensory, biotechnology, and economics. ABOUT THE EDITOR: Olusola Lamikanra, Ph.D., is a Research Chemist and Lead Scientist at the U.S. Department of Agriculture, Agricultural Research Service, Southern Regional Research Center, New Orleans, Louisiana. He received his B.S. degree from the University of Lagos, Nigeria, and his Ph.D. from the University of Leeds, England. He was Professor in the Division of Agricultural Sciences and Director of the Center for Viticultural Science and Small Farm

Development at Florida A&M University, Tallahassee. Dr. Lamikanra is the author of more than 100 publications.

Anxiety Disorders - Helen Blair Simpson 2010-08-26

Anxiety disorders are amongst the most common of all mental health problems. Research in this field has exploded over recent years, yielding a wealth of new information in domains ranging from neurobiology to cultural anthropology to evidence-based treatment of specific disorders. This book offers a variety of perspectives on new developments and important controversies relevant to the theory, research, and clinical treatment of this class of disorders. Clinicians will find reviews of state-of-the-art treatments for panic disorder, social anxiety disorder, phobias, obsessive-compulsive disorder, generalized anxiety disorder, and post-traumatic stress disorder, as well as controversies over diagnostic and treatment issues. Researchers will find in-depth consideration of important selected topics, including genetics, neuroimaging, animal models, contemporary psychoanalytic theory, and the impact of stressors. This book illustrates the enormous advances that have occurred in anxiety research and describes the evolving multi-disciplinary efforts that will shape the future of the field.

Demand Driven Strategic Planning - Marcos Fava Neves 2012-07-02

This book offers students and practitioners alike an integrated approach to strategic planning for companies. Marcos Fava Neves presents a new and unique perspective on this critical topic based on three main points: strongly demand-driven decisions that bridge the gap between long- and short-term strategy; a vision of a company as an integrated network, full of relationships that deserve consideration during the planning process; and the introduction of 'collective-action' thinking, which raises the prospect for cooperation between competitors. With this clear, comprehensive framework for strategic planning, companies can be sure to navigate today's complex environment and enhance their prospects of success.

Biogenic Amines on Food Safety - Claudia Ruiz-Capillas 2019-07-16

Biogenic amines have been known for some time. These compounds are found in varying

concentrations in a wide range of foods (fish, cheese, meat, wine, beer, vegetables, etc.) and their formations are influenced by different factors associated to those foods (composition, additives, ingredients, storage, microorganism, packaging, handling, conservation, etc.). The intake of foods containing high concentrations of biogenic amines can present a health hazard. Additionally, they have been used to establish indexes in various foods in order to signal the degree of freshness and/or deterioration of food. Nowadays, there has been an increase in the number of food poisoning episodes in consumers associated with the presence of these biogenic amines, mainly associated with histamines. Food safety is one of the main concerns of the consumer and safety agencies of different countries (EFSA, FDA, FSCJ, etc.), which have, as one of their main objectives, to control these biogenic amines, principally histamine, to assure a high level of food safety. Therefore, it is necessary to deepen our understanding of the formation, monitoring and reduction of biogenic amines during the development, processing and storage of food, even the effect of biogenic amines in consumers after digestion of foods with different levels of these compounds. With this aim, we are preparing a Special Issue on the topic of "Biogenic Amines in Food Safety", and we invite researchers to contribute original and unpublished research articles and reviews articles that involve studies of biogenic amines in food, which can provide an update to our knowledge of these compounds and their impacts on food quality and food safety.

Food Formulation - Shivani Pathania
2021-03-15

Reviews innovative processing techniques and recent developments in food formulation, identification, and utilization of functional ingredients Food Formulation: Novel Ingredients and Processing Techniques is a comprehensive and up-to-date account of novel food ingredients and new processing techniques used in advanced commercial food formulations. This unique volume will help students and industry professionals alike in understanding the current trends, emerging technologies, and their impact on the food formulation techniques. Contributions from leading academic and industrial experts provide readers with informed

and relevant insights on using the latest technologies and production processes for new product development and reformulations. The text first describes the basis of a food formulation, including smart protein and starch ingredients, healthy ingredients such as salt and sugar replacers, and interactions within the food components. Emphasizing operational principles, the book reviews state-of-the-art 3D printing technology, encapsulation and a range of emerging technologies including high pressure, pulsed electric field, ultrasound and supercritical fluid extraction. The final chapters discuss recent developments and trends in food formulation, from foods that target allergies and intolerance, to prebiotic and probiotic food formulation designed to improve gut health. A much-needed reference on novel sourcing of food ingredients, processing technologies, and application, this book: Explores new food ingredients as well as impact of processing on ingredient interactions Describes new techniques that improve the flavor and acceptability of functional food ingredients Reviews mathematical tools used for recipe formulation, process control and consumer studies Includes regulations and legislations around tailor-made food products Food Formulation: Novel Ingredients and Processing Techniques is an invaluable resource for students, educators, researchers, food technologists, and professionals, engineers and scientists across the food industry.

The orange juice business - Marcos Fava Neves
2011-09-26

The orange juice chain is unique, probably a sui generis commodity. Although several countries produce oranges and juices, two regions in the world are the responsible for around 80% of the production. These are the states of Sao Paulo in Brazil and Florida in the USA. Although the emerging countries are growing in production, the juice consumer is also concentrated in the USA and Europe where more than 90% of consumption takes place. The characteristics of this chain are so unique, that it makes a nice laboratory for academics and business people to exercise strategies, since risk is spread. Orange is a very sensitive plant, and fluctuations in production are notorious. The logistics of this chain are fascinating. The product travels great

distances to reach the consumer in a generally safe and efficient way. The industry assets such as vessels and tanks are specific. By reading this book, business people, academics and chain practitioners have an opportunity to understand this chain, and can analyse all of its numbers and economics and exercise strategy building. This is needed since the orange juice market is a stable market in the world, growing only 1% per year, and the production costs of this chain are rising fast, due to structural changes faced by world food and agribusiness companies i.e. labour costs, energy costs, land costs, environmental costs and others. The book will be of interest to all those concerned with agri food chains.

Strategic Marketing Planning - Richard M.S. Wilson 2010-05-04

Strategic Marketing Planning concentrates on the critical planning aspects that are of vital importance to practitioners and students alike. It has a clear structure that offers a digest of the five principal dimensions of the strategic marketing planning process. Leading authors in this sector, Gilligan and Wilson offer current thinking in marketing and consider the changes it has undergone over the past few years.

Updated information in this new edition includes: * Changing corporate perspectives on the role of strategic marketing activity * Changing social structures and the rise of social tribes * The significance of the new consumer and how the new consumer needs to be managed * New thinking on market segmentation * Changing routes to market * Developments in e-marketing * Changing environmental structures and pressures

The Gene Ontology Handbook - Christophe Dessimoz 2020-10-08

This book provides a practical and self-contained overview of the Gene Ontology (GO), the leading project to organize biological knowledge on genes and their products across genomic resources. Written for biologists and bioinformaticians, it covers the state-of-the-art of how GO annotations are made, how they are evaluated, and what sort of analyses can and cannot be done with the GO. In the spirit of the Methods in Molecular Biology book series, there is an emphasis throughout the chapters on providing practical guidance and

troubleshooting advice. Authoritative and accessible, The Gene Ontology Handbook serves non-experts as well as seasoned GO users as a thorough guide to this powerful knowledge system. This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors.

Mapping and the Citizen Sensor - Giles Foody 2017-09-11

Maps are a fundamental resource in a diverse array of applications ranging from everyday activities, such as route planning through the legal demarcation of space to scientific studies, such as those seeking to understand biodiversity and inform the design of nature reserves for species conservation. For a map to have value, it should provide an accurate and timely representation of the phenomenon depicted and this can be a challenge in a dynamic world. Fortunately, mapping activities have benefitted greatly from recent advances in geoinformation technologies. Satellite remote sensing, for example, now offers unparalleled data acquisition and authoritative mapping agencies have developed systems for the routine production of maps in accordance with strict standards. Until recently, much mapping activity was in the exclusive realm of authoritative agencies but technological development has also allowed the rise of the amateur mapping community. The proliferation of inexpensive and highly mobile and location aware devices together with Web 2.0 technology have fostered the emergence of the citizen as a source of data. Mapping presently benefits from vast amounts of spatial data as well as people able to provide observations of geographic phenomena, which can inform map production, revision and evaluation. The great potential of these developments is, however, often limited by concerns. The latter span issues from the nature of the citizens through the way data are collected and shared to the quality and trustworthiness of the data. This book reports on some of the key issues connected with the use of citizen sensors in mapping. It arises from a European Co-operation in Science and Technology (COST) Action, which explored issues linked to topics ranging from citizen

motivation, data acquisition, data quality and the use of citizen derived data in the production of maps that rival, and sometimes surpass, maps arising from authoritative agencies.

Adult Umbilical Reconstruction - Melvin A. Shiffman 2017-09-04

This book starts with a description of the anatomy of the umbilicus and its ideal shape. After a brief summary of the history of umbilical reconstruction, currently used umbilical reconstructive techniques are presented. The reader will also find information on the reconstruction of the umbilicus after malignant melanoma; outcomes and complications will be discussed in the last chapters. Written by respected authors, this book will offer residents and fellows as well as practicing and highly experienced plastic surgeons essential guidance on treatment and decision-making concerning umbilical reconstruction. Its numerous illustrations and clearly structured content make the book a must-read.

Innovation, Internationalization and Entrepreneurship - Renata Korsakienė 2021-08-17

Over the past years, businesses have had to tackle the issues caused by numerous forces from political, technological and societal environment. The changes in the global market and increasing uncertainty require us to focus on disruptive innovations and to investigate this phenomenon from different perspectives. The benefits of innovations are related to lower costs, improved efficiency, reduced risk, and better response to the customers' needs due to new products, services or processes. On the other hand, new business models expose various risks, such as cyber risks, operational risks, regulatory risks, and others. Therefore, we believe that the entrepreneurial behavior and global mindset of decision-makers significantly contribute to the development of innovations, which benefit by closing the prevailing gap between developed and developing countries. Thus, this Special Issue contributes to closing the research gap in the literature by providing a platform for a scientific debate on innovation, internationalization and entrepreneurship, which would facilitate improving the resilience of businesses to future disruptions.