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Many books on sustainability have been written in the last decade, most of them dealing with agricultural systems, communities, and general business practices. In contrast, Handbook of Sustainability for the Food Sciences presents the concept of sustainability as it applies to the food supply chain from farm to fork but with a special emphasis on processing. Structured in four sections, Handbook of Sustainability for the Food Sciences first covers the basic concepts of environmental sustainability and provides a detailed account of all the impacts of the food supply chain. Part two introduces the management principles of sustainability and the tools required to evaluate the environmental impacts of products and services as well as environmental claims and declarations. Part three looks at ways to alleviate food chain environmental impacts and includes chapters on air emissions, water and wastewater, solid waste, energy, packaging, and transportation. The final part summarizes the concepts presented in the book and looks at the measures that will be required in the near future to guarantee long term sustainability of the food supply chain. Handbook of Sustainability for the Food Sciences is aimed at food science professionals including food engineers, food scientists, product developers, managers, educators, and decision makers. It will also be of interest to students of food science.

ISO 2709 Information and Documentation, Format for Information Exchange
 ISO 2709 Information and Documentation, Format for Information Exchange
 SIST ISO 2709:1996(E). Background and Future Prospects in Life Cycle Assessment
 Springer Science & Business Media

The total amount of transport is growing fast in the global economy and one unavoidable effect of this is the adverse environmental impact. An eco-efficient transport system is therefore a prerequisite for the development towards a sustainable society. Railways and the train industry have an important role to play in this context and one of the core components here is the rolling stock. The developments of eco-efficient trains and train components is a complex task, requiring an immense amount of information and effective support tools. Addressing these issues is the aim of the RAVEL methodology and the underlying theme of this book. The book is the final report of the RAVEL project (RAil VEhicLe eco-efficient design), co-financed by the European Commission under the Industrial and Material Technologies Programme. The project was carried out between November 1998 and October 2001 by a team from Bombardier Transportation (co-ordinator), ABB Corporate Research, Chalmers University of Technology, The Danish Railways (DSB), Gesellschaft für Entwicklungsberatung und Produktrecycling mbH (GEP), Katholieke Universiteit Leuven, The Swedish Railways (SJ AB) and Woodville Polymer Engineering. This monograph addresses the challenge of the environmental assessment of lightweight electric vehicles. It poses the question whether the use of lightweight materials in electric vehicles can reduce the vehicles' environmental impact and compares the environmental performance of a lightweight electric vehicle (LEV) to other types of vehicles. The topical approach focuses on methods from life cycle assessment (LCA), and the book concludes with a comprehensive concept on the environmental assessment of LEVs. The target audience primarily comprises LCA practitioners from research institutes and industry, but it may also be beneficial for graduate students specializing in the field of environmental assessment.

This edited collection brings together an impressive array of authors from the world of international trade, the environment and public health. Each of them is eminently well-placed to bring their own particular expertise to bear on the issue at hand, and to do so in a knowledgeable and stimulating manner. This Research Handbook is a must for anyone interested in these overlapping fields of law and policy whether as a basis for learning or as a resource for further research.

Mary Footer, University of Nottingham School of Law, UK

This fantastic collection of essays explores the multiple intersections between trade and environment in the WTO. The contributions by leading scholars are theoretically engaged whilst practical in their focus. It is a must read for those concerned to ensure that trade liberalisation does not stand in the way of sustainable development, including urgently needed action to mitigate the risks and consequences of climate change.

Joanne Scott, University College London, UK

Geert Van Calster and Denise Pržvost have managed to induce virtually all the great experts on health, environment and WTO law to contribute to their Research Handbook on these subjects. The result is undoubtedly an excellent volume that should adorn the bookcase of any and all interested in the important problem of the relation between international rule-making and regulatory autonomy of states in this area of international economic law.

Pieter Jan Kuijper, University of Amsterdam, The Netherlands

This Handbook provides state-of-the-art analysis by leading authors on the links between the international trade regime and health and environment concerns – concerns that make up an increasing proportion of WTO dispute settlement. Research Handbook on Environment, Health and the WTO surveys fields as diverse as climate change mitigation, non-communicable diseases, nanotechnology and public health care. The volume brings to the fore the debates and complexities surrounding these issues and their implications for the international trading system. The Handbook begins in Part I with a survey of general issues that sets a context for the more specific sectorial studies. Part II considers the most pressing issues within health regulation and trade law, whilst Part III is devoted to environmental regulation and its interface with trade law. Part IV looks specifically at aspects of the dispute settlement process and in particular standard of review, and the book concludes in Part V with a consideration of the impact of trade measures on the health and environment regimes of emerging economies. This comprehensive yet concise Handbook will appeal to academics and researchers in international trade law and environmental law, as well as trade law practitioners.

The third edition succeeds the fifth update of second edition. One of the main features has been the adoption of new and revised international standards, notably the International Standard Identifier for Libraries and Related Organizations, the ISBN 13 and the linking ISSN. New fields have been added for recording the Persistent Record Identifier. Uniform Conventional Headings for Legal and Religious texts are now catered for with separate fields. A number of fields have been revised: archival materials, manuscripts and documentation produced by the ISSN International Centre.

This book focuses on environmental planning and management. Environmental problems are not purely scientific; some of the major problems deal with poor management and the inability to involve people in environmental decision making process. The approach taken in this book is to review environmental problems as they are affected by poor planning and management. Understanding of management issues involved will help to get top management to buy into environmental management. The tendency is for top management to view environmental management efforts as expensive and wasteful to an organization. However, when top management is exposed to the high cost of doing nothing and the lack of competitiveness as a result of poor environmental quality, it is more likely to buy into the idea of environmental quality and work towards achieving sustainable goals.

"The book describes the design rules required to document, implement, and demonstrate quality management system effectiveness in compliance with the latest version of the ISO 9000 International Standard. This systematic and engineering approach simplifies the many complexities in maintaining compliance with ISO standards. This hands-on guide is packed with tips and insights the author has garnered from personally designing quality management systems that integrate organizational strategy with quality management. Moreover, the book helps professionals create meaningful documentation and a user-friendly, informative quality manual that together form the core of an effective and responsive quality management system."--Jacket.

Life Cycle Assessment (LCA) has become the recognized instrument to assess the ecological burdens and human health impacts connected with the complete life cycle (creation, use, end-of-life) of products, processes and activities, enabling the assessor to model the entire system from which products are derived or in which processes and activities operate. This volume

introduces the major new book series LCA Compendium - The Complete World of Life Cycle Assessment. In this volume, the main drivers in the development of LCA are explored. The volume also discusses strengths and limitations in LCA as well as challenges and gaps, thus offering an unbiased picture of the state-of-the-art and future of LCA.

The negative impacts of carbon emissions from human activities continue to dramatically reshape the environmental, political, and social landscape. These impacts coupled with cap and trade schemes iterate the importance and need to properly measure and reduce greenhouse gas emissions. Carbon Footprint Analysis: Concepts, Methods, Implementation, an

This book offers a comprehensive review of sustainability and product design, providing useful information on the relevant regulations and standards for industries to meet increasing market demands for eco-products, while reducing their impact on the environment. The examples and methods presented allow readers to gain insights into sustainable products. The authors also explain how to develop products with sustainability features by applying tools and methods for sustainable design and manufacture. These tools/methods include • Regulations/directives related to sustainable product development • Popular lifecycle analysis software packages • Environmental and social lifecycle impact assessment methods • Lifecycle inventory databases • Eco-point and eco-accounting infrastructure • ICT and traceability technologies for sustainable product development • Sustainable design and manufacture • Integrated approach for sustainable product development A description of each sustainability tool is accompanied by easy-to-understand guidelines as well as sustainable product development methods. Five different case studies are also presented to illustrate how to apply the tools and methods into the development of real sustainable products. In view of the increasing pressure on industries to meet the, sometimes conflicting, demands of the market and environment, this book is a valuable resource for engineers and managers in manufacturing companies wishing to update their knowledge of sustainable product development. It is also suitable for researchers and consultants who are involved or interested in sustainable product development, as well as for students studying sustainable development, production, and engineering management.

It is commonly recognized that logistics has become a major strategic issue for all companies, whether they are part of the primary, secondary or tertiary sector. Faced with the external pressures of globalization and competition, logistics optimizes processes and reduces production and delivery cycles. The use of Sustainable Supply Chain Management (SuSCM) is now increasingly at the center of thought, due to the numerous factors favoring its implementation: requests from various stakeholders, governmental pressures (decrees, laws, regulations, etc.), environmental pressures (pollution, disappearance of fuel fossils, etc.) and societal pressures (reputation/image, protection, etc.). However, there are still obstacles to the implementation of SuSCM, including significant costs, the complexity of coordination and the lack of communication within the whole supply chain. Nevertheless, it should nowadays be included by any organization in its decision towards a strategic approach towards sustainability. This book presents each economic, environmental and societal aspect of SuSCM. By considering each of these dimensions separately, the primary objective is to facilitate the implementation of the elements that make it up. Readers are also provided with several "strategic interpretive lenses" to be able to perform audits and diagnostics of each component. Contents: 1. The Economic Aspect of Sustainable Supply Chain Management. 2. The Environmental Aspect of Sustainable Supply Chain Management. 3. The Social/Societal Aspect of Sustainable Supply Chain Management. 4. Sustainable Supply Chain Management Balanced Scorecard. About the Authors Joëlle Morana is Lecturer in management science, attached to the Laboratoire d'Economie des Transports (Transport Economy Laboratory) at University Lumière Lyon II in France. Her fields of research concern economic, environmental and societal logistics.

This first hands-on guide to ISO-compliant Life Cycle Assessment (LCA) makes this powerful tool immediately accessible to both professionals and students. Following a general introduction on the philosophy and purpose of LCA, the reader is taken through all the stages of a complete LCA analysis, with each step exemplified by real-life data from a major LCA project on beverage packaging. Measures as carbon and water footprint, based on the most recent international standards and definitions, are addressed. Written by two pioneers of LCA, this practical volume is targeted at first-time LCA users but equally makes a much-valued reference for more experienced practitioners. From the content: * Goal and Scope Definition * Life Cycle Inventory Analysis * Life Cycle Impact Assessment * Interpretation, Reporting and Critical Review * From LCA to Sustainability Assessment and more.

Almost half of the total energy produced in the developed world is inefficiently used to heat, cool, ventilate and control humidity in buildings, to meet the increasingly high thermal comfort levels demanded by occupants. The utilisation of advanced materials and passive technologies in buildings would substantially reduce the energy demand and improve the environmental impact and carbon footprint of building stock worldwide. Materials for energy efficiency and thermal comfort in buildings critically reviews the advanced building materials applicable for improving the built environment. Part one reviews both fundamental building physics and occupant comfort in buildings, from heat and mass transport, hygrothermal behaviour, and ventilation, on to thermal comfort and health and safety requirements. Part two details the development of advanced materials and sustainable technologies for application in buildings, beginning with a review of lifecycle assessment and environmental profiling of materials. The section moves on to review thermal insulation materials, materials for heat and moisture control, and heat energy storage and passive cooling technologies. Part two concludes with coverage of modern methods of construction, roofing design and technology, and benchmarking of façades for optimised building thermal performance. Finally, Part three reviews the application of advanced materials, design and technologies in a range of existing and new building types, including domestic, commercial and high-performance buildings, and buildings in hot and tropical climates. This book is of particular use to, mechanical, electrical and HVAC engineers, architects and low-energy building practitioners worldwide, as well as to academics and researchers in the fields of building physics, civil and building engineering, and materials science. Explores improving energy efficiency and thermal comfort through material selection and sustainable technologies Documents the development of advanced materials and sustainable technologies for applications in building design and construction Examines fundamental building physics and occupant comfort in buildings featuring heat and mass transport, hygrothermal behaviour and ventilation

How to make a living speaking, training, and running workshops and seminars Expert Bob Bly shares his secrets for earning \$1,000 to \$5,000 a day, or more, as a self-employed speaker, lecturer, or trainer. He shows readers, step-by-step, everything they need to know to become polished speakers, create winning presentations, find a market niche, set fees, get bookings, and much more. Aspiring speakers will learn about the corporate training market—who buys training, what the hot topics are, how to package and sell training courses, and what to charge. Bob Bly (Dumont, NJ) is an independent copywriter, advertising consultant, bestselling author, popular lecturer, and highly successful trainer.

Quality is a form of management that is composed of the double approach of driving an organization towards excellence, while conforming to established standards and laws. The objective of quality confers advantages to companies: it makes them more resilient to change that can be unexpected or even chaotic; it makes them more competitive by identifying those steps in processes that do not offer added value. No longer the concern of a small community of experts, even scientists and engineers working in the private sector will find that they will have to confront questions related to quality management in their day-to-day professional lives. This volume offers such people an unique entry into the universe of quality management, providing not only a cartography of quality standards and their modes of application – with particular attention to the ISO standards – but also a broader cultural context, with chapters on the history, prizes, deontology and moral implications of systems of quality management. This book thus opens the door to all those eager to take the first steps to learning how the principles of quality are organized today, and how they can be applied to his or her own activity.

Knowledge Management in Libraries: Concepts, Tools and Approaches brings to the forefront the increasing recognition of the value of knowledge and information to individuals, organizations, and communities, providing an analysis of the concepts of Knowledge Management (KM) that prevails among the Library and Information Science (LIS) community. Thus, the book explores knowledge management from the perspective of LIS professionals. Furthermore, unlike most books on the topic, which address it almost exclusively in the context of a firm or an organization to help gain a competitive advantage, this book looks at knowledge management in the context of not for profit organizations such as libraries. Describes the theory and approaches of knowledge management in the context of librarianship Seeks to identify and explain the principles that underlie the different processes of knowledge management Combines the theoretical and practical perspectives of the topic Provides a comprehensive and methodological approach to support librarians and information science professionals in the implementation of knowledge management in libraries and information centers Proposes a model for libraries and information centers which may be used as a guide for implementation Incorporates illustrations where necessary to provide a clear understanding of the concepts

A Practical Guide to Plastics Sustainability: Concept, Solutions, and Implementation is a groundbreaking reference work offering a broad, detailed and highly practical vision of the complex concept of sustainability in plastics. The book's aim is to present a range of potential pathways towards more sustainable plastics parts and products, enabling the reader to further integrate the idea of sustainability into their design process. It begins by introducing the context and concept of sustainability, discussing perceptions, drivers of change, key factors, and environmental issues, before presenting a detailed outline of the current situation with types of plastics, processing, and opportunities for improved sustainability. Subsequent chapters focus on the different possibilities for improved sustainability, offering a step-by-step technical approach to areas including design, properties, renewable plastics, and recycling and re-use. Each of these pillars are supported by data, examples, analysis and best practice guidance. Finally, the latest developments and future possibilities are considered. Approaches the idea of sustainability from numerous angles, offering practical solutions to improve sustainability in the development of plastic components and products Explains how sustainability can be applied across plastics design, materials selection, processing, and end of life, all set alongside socioeconomic factors Considers key areas of innovation, such as eco-design, novel opportunities for recycling or re-use, bio-based polymers and new technologies

Waste Management in the Textiles Industry explores and explains the latest technologies and best practices for an integrated approach to the management and treatment of wastes generated in this industry. Provides a strong technological analysis of the manufacturing supply chain, including spinning, fabric production, finishing, garment manufacture, and the packaging of clothing Explains how textile technology perspectives feed into management decision-making about sustainability Addresses the industry's impact on air and water quality and landfill waste

Comprehensively covers the definition, methodology, and current applications of the principles of sustainability and resiliency in every engineering discipline This book contains detailed information about sustainability and resiliency principles and applications in engineering practice, and provides information on how to use scientific tools for sustainability assessment that help engineers select the best alternative for each project or activity. Logically organized around the three pillars of sustainability—environment, economy, and society—it is a primary resource for students and professionals alike. **Sustainable Engineering: Drivers, Metrics, Tools, and Applications** offers numerous ways to help engineers contribute towards global sustainable development while solving some of the grand challenges the world is facing today. The first part of the book covers the environmental, economic, and social impacts associated with project/product development as well as society as a whole. This is followed by a section devoted to sustainability metrics and assessment tools, which includes material flow analysis and material budget, carbon footprint analysis, life cycle assessment, environmental health risk assessment, and more. Next comes an in-depth examination of sustainable engineering practices, including sustainable energy engineering, sustainable waste management, and green and sustainable buildings. The book concludes with a look at how sustainable engineering may be applied to different engineering (i.e. environmental, chemical, civil, materials, infrastructure) projects. Some of the key features of this book include the following: Provides a complete and sensible understanding of the important concepts of sustainability, resiliency, and sustainable engineering Offers detailed explanations of sustainable engineering practices in waste management and remediation of contaminated sites, civil construction and infrastructure, and climate geoengineering Presents a set of case studies across different engineering disciplines such as bio/chemical, environmental, materials, construction, and infrastructure engineering that demonstrate the practical applicability of sustainability assessment tools to diverse projects Includes questions at the end of each chapter as well as a solutions manual for academic adopters The depth of coverage found in **Sustainable Engineering: Drivers, Metrics, Tools, and Applications** makes it an ideal textbook for graduate students across all engineering disciplines and a handy resource for active professionals.

Life-Cycle Assessment of Biorefineries, the sixth and last book in the series on biomass-biorefineries discusses the unprecedented growth and development in the emerging concept of a global bio-based economy in which biomass-based biorefineries have attained center stage for the production of fuels and chemicals. It is envisaged that by 2020 a majority of chemicals currently being produced through a chemical route will be produced via a bio-based route. Agro-industrial residues, municipal solid wastes, and forestry wastes have been considered as the most significant feedstocks for such bio-refineries. However, for the techno-economic success of such biorefineries, it is of prime and utmost importance to understand their lifecycle assessment for various aspects. Provides state-of-art information on the basics and fundamental principles of LCA for biorefineries Contains key features for the education and understanding of integrated biorefineries Presents models that are used to cope with land-use changes and their effects on biorefineries Includes relevant case studies that illustrate main points

This new edition has been revised throughout, and adds several sections, including: lean manufacturing and design for the environment, low impact development and green infrastructure, green science and engineering, and sustainability. It presents strategies to reduce waste from the source of materials development through to recycling, and examines the basic concepts of the physical, chemical, and biological properties of different pollutants. It includes case studies from several industries, such as pharmaceuticals, pesticides, metals, electronics, petrochemicals, refineries, and more. It also addresses the economic considerations for each pollution prevention approach.

A practical guide to the development and operation of digital preservation services for organizations of any size **Practical Digital Preservation** offers a comprehensive overview of best practice and is aimed at the non-specialist, assuming only a basic understanding of IT. The book provides guidance as to how to implement strategies with minimal time and resources. Digital

preservation has become a critical issue for institutions of all sizes but until recently has mostly been the preserve of national archives and libraries with the resources, time and specialist knowledge available to experiment. As the discipline matures and practical tools and information are increasingly available the barriers to entry are falling for smaller organizations which can realistically start to take active steps towards a preservation strategy. However, the sheer volume of technical information now available on the subject is becoming a significant obstacle and a straightforward guide is required to offer clear and practical solutions. Each chapter in Practical Digital Preservation covers the essential building blocks of digital preservation strategy and implementation, leading the reader through the process. International case studies from organizations such as the Wellcome Library, Central Connecticut State University Library in the USA and Gloucestershire Archives in the UK illustrate how real organizations have approached the challenges of digital preservation. Key topics include: • Making the case for digital preservation • Understanding your requirements • Models for implementing a digital preservation service • Selecting and acquiring digital objects • Accessioning and ingesting digital objects • Describing digital objects • Preserving digital objects • Providing access to users • Future trends. Readership: Anyone involved in digital preservation and those wanting to get a better understanding of the process, students studying library and information science (LIS), archives and records management courses and academics getting to grips with practical issues.

Don't reinvent the wheel when applying for your ISO 9001 registration or updating to the new 2000 standards. ISO 9001:2000 Document Development Compliance Manual: A Complete Guide and CD-ROM shows you how to develop and implement a documented quality management system based on ISO 9000 series standards. It supplies ready to use ISO 9001:2000 Template Quality Manuals and applicable Standard Operating Procedures with year 2000 revisions for documentation management in text and on CD ROM. You will understand how to: Build quality into your products and services Achieve ISO 9001 certification with time, money, and resources optimization Supply products that are totally fit for use Satisfy user/customer expectations Edge out the competitors Achieve a defined level of quality Prevent defects and provide value Yield profits from your invested resources

Terminology has started to explore unbeaten paths since Wüster, and has nowadays grown into a multi-faceted science, which seems to have reached adulthood, thanks to integrating multiple contributions not only from different linguistic schools, including computer, corpus, variational, socio-cognitive and socio-communicative linguistics, and frame-based semantics, but also from engineering and formal language developers. In this ever changing and diverse context, Terminology offers a wide range of opportunities ranging from standardized and prescriptive to prototype and user-based approaches. At this point of its road map, Terminology can nowadays claim to offer user-based and user-oriented, hence user-friendly, approaches to terminological phenomena, when searching, extracting and analysing relevant terminology in online corpora, when building term bases that contribute to efficient communication among domain experts in languages for special purposes, or even when proposing terms and definitions formed on the basis of a generally agreed consensus in international standard bodies.

Terminology is now ready to advance further, thanks to the integration of meaning description taking into account dynamic natural language phenomena, and of consensus-based terminology management in order to help experts communicate in their domain-specific languages. In this Handbook of Terminology (HoT), the symbiosis of Terminology with Linguistics allows a mature and multi-dimensional reflection on terminological phenomena, which will eventually generate future applications which have not been tested yet in natural language. The HoT aims at disseminating knowledge about terminology (management) and at providing easy access to a large range of topics, traditions, best practices, and methods to a broad audience: students, researchers, professionals and lecturers in Terminology, scholars and experts from other disciplines (among which linguistics, life sciences, metrology, chemistry, law studies, machine engineering, and actually any expert domain). In addition, the HoT addresses any of those with a professional or personal interest in (multilingual) terminology, translation, interpreting, localization, editing, etc., such as communication specialists, translators, scientists, editors, public servants, brand managers, engineers, (intercultural) organization specialists, and experts in any field. Moreover, the HoT offers added value, in that it is the first handbook with this scope in Terminology which has both a print edition (also available as a PDF e-book) and an online version. For access to the Handbook of Terminology Online, please visit <http://www.benjamins.com/online/hot/>. The HoT is linked to the Handbook of Translation Studies, not in the least because of its interdisciplinary approaches, but also because of the inevitable intertwining between translation and terminology. All chapters are written by specialists in the different subfields and are peer-reviewed.

Science and technology have occupied almost all spheres of human life and living. The wonderful achievements of science and technology have glorified the modern world and transformed the civilization into a scientific and technological civilization. Considering the importance of science and technology, they have been incorporated in every stage of education. The present book deals with the teachers' role, possessing the vast knowledge of socialization, social class influences, the teaching ethics, new technologies, research perspective, use of internet, television, management and professional accreditation in information technology, etc. The book has in its contents much to help and guide the students to choose any one of the professional alternatives to decide the direction of their careers. This book, thus, provides many educational ideas for both teachers and students, and is a must for all educational institutions and interested persons as well.

Integrating the disparate disciplines of descriptive cataloging, subject cataloging, indexing, and classification, the book adopts a conceptual framework that views the process of organizing information as the use of a special language of description called a bibliographic language. Instant electronic access to digital information is the single most distinguishing attribute of the information age. The elaborate retrieval mechanisms that support such access are a product of technology. But technology is not enough. The effectiveness of a system for accessing information is a direct function of the intelligence put into organizing it. Just as the practical field of engineering has theoretical physics as its underlying base, the design of systems for organizing information rests on an intellectual foundation. The subject of this book is the systematized body of knowledge that constitutes this foundation. Integrating the disparate disciplines of descriptive cataloging, subject cataloging, indexing, and classification, the book adopts a conceptual framework that views the process of organizing information as the use of a special language of description called a bibliographic language. The book is divided into two parts. The first part is an analytic discussion of the intellectual foundation of information organization. The second part moves from generalities to particulars, presenting an overview of three bibliographic languages: work languages, document languages, and subject languages. It looks at these languages in terms of their vocabulary, semantics, and syntax. The book is written in an exceptionally clear style, at a level that makes it understandable to those outside the discipline of

library and information science.

Over recent years, there has been a rapid expansion in the number of professionals requiring knowledge and skills in environmental management. Today, the Institute of Environmental Management and Assessment (IEMA) has over 15,000 members, while the Institution of Occupational Safety and Health (IOSH) recognises that thousands of its members now cover, health, safety and environment in their everyday remit. Essentials of environmental management provides a comprehensive introduction to the management of environmental issues. Clearly structured and illustrated, the book explains why and how organisations should manage their environmental interactions at both strategic and operational levels. Now in its third edition, Essentials focuses on: The issues and principles underpinning environmental management The principal methods to determine priorities for action The key elements of an effective environmental system based on the 'plan, do, check and act' cycle (including ISO 14001) The main operational controls and approaches to continually improve performance Supply chain issues and environmental considerations Strategic environmental pressures and how to address them, including carbon management strategies How environmental management contributes to wider business concerns, the process of sustainable development and the corporate social responsibility agenda. The authors combine a broad training background with extensive practical experience of environmental management. Essentials provides a user-friendly framework which sets out the key principles and approaches that underpin this ever-growing professional discipline.

The UNIMARC Authorities Format was designed in the early 1990s to allow the creation of authority and reference records for the management of controlled access points in a bibliographic database. Incorporated in this work is relevant information from other IFLA working groups and from UNIMARC users. It is published under the auspices of the IFLA Cataloguing Section. This is the 3rd, completely updated and enlarged edition.

Over the past two decades, international trade agreements such as GATT and NAFTA have lowered international trade barriers. At the same time, the information revolution has fueled profound shifts in the ways companies conduct business and communicate with their customers, and worldwide acceptance of the ISO 9000 standard has established the notion that quality must be defined in terms of customer satisfaction. Falling trade barriers and rising quality standards have made linguistic and cultural issues increasingly important. To successfully compete in today's global on-demand economy, companies must localize their products and services to fit the needs of the local market in terms of language, culture, functionality, work practices, as well as legal and regulatory requirements. In recognition of the growing importance of localization, this volume explores a certain number of key issues, including: • Return on investment and the localization business case • Localization cost drivers and cost-containment strategies • Localization quality and customer-focused quality management • Challenges posed by localization of games, including Massively Multiplayer Online Role-Playing Games (MMORPGs) • Using a meta-language to facilitate accurate translation of disembodied content • The case for managing source-language terminology • Terminology management in the localization process • Reconciling industry needs and academic objectives in localization education • Localization standards and the commoditization of linguistic information • The creation and application of language industry standards • Rethinking customer-focused localization through user-centered design • Moving from translation reuse to language reuse

The ways in which we design, make, transport and then discard clothes has a huge social and environmental impact. This book covers responsible business practices and sustainability in the fashion industry from the raw fibre stage, through production, to the point of customer consumption. The concepts of responsibility and sustainability are fast becoming essential factors in business decisions and Responsible Supply Chain Management leads the reader through the multiple stages in the supply chain that can impact on business strategy. A perfect resource for students studying fashion and for those working in the sector who wish to identify the latest thinking as they plan sustainability strategies, the book is divided into four clear sections. The first introductory part of the book examines sustainability in the supply chain by identifying the main three pillars of sustainability (social, economic and environmental) and considers which fashion brands are innovating in this area. Part two looks at fashion logistics and supply chain operations by assessing fibre, yarn and fabric considerations, logistical issues for both garment production, and service delivery, stock control, transportation, barriers and risks. The third part develops the logistics theme further by identifying recent trends and case studies that highlight agility and lean management structures, and the application of transparency enhancing RFID. This section further applies modelling and simulation techniques from the automotive and pharmaceutical industries to the fashion sector. The final part considers how sustainability can be embedded into the multi-tiered fashion supply chain and its selling environment.