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KEY=METADATA - MCKENZIE YOSEF

METADATA BEST PRACTICES AND GUIDELINES

CURRENT IMPLEMENTATION AND FUTURE TRENDS

Routledge Metadata best practices and guidelines function as an essential mechanism for metadata planning, application and management, and interoperability. There has been a rapidly growing body of digital repositories and collections; accordingly, a wide range of digital projects and initiatives have adopted various metadata standards. Because of differences in the formats and knowledge domains of the resources, it is inevitable that these digital projects and initiatives may have different needs regarding metadata. Therefore, when a metadata standard is adopted in various institutions and organizations, it may have to be modified to reflect the community needs and characteristics of given resources. The flexibility and complex structure of natural language allow for the representation of a concept in various ways. Thus, common understanding and definitions of terms in a given metadata standard is essential for quality metadata generation, management, interoperability and resource sharing. This opens up a pressing need for a systematic examination of documentation practices, an area that up to now has been relatively unexplored. This book begins to fill the research gap through an empirical assessment of metadata guidelines and best practices. This is a book published as a special issue of the Journal of Library Metadata.

LOAN LOSS RESERVES

HEARING BEFORE THE SUBCOMMITTEE ON FINANCIAL INSTITUTIONS AND CONSUMER CREDIT OF THE COMMITTEE ON BANKING AND FINANCIAL SERVICES, U.S. HOUSE OF REPRESENTATIVES, ONE HUNDRED SIXTH CONGRESS, FIRST SESSION, JUNE 16, 1999

RANGELAND REFORM 1994 PROGRAM

ENVIRONMENTAL IMPACT STATEMENT

DATA SCIENCE IN ENGINEERING AND MANAGEMENT

APPLICATIONS, NEW DEVELOPMENTS, AND FUTURE TRENDS

CRC Press This book brings insight into data science and offers applications and implementation strategies. It includes current developments and future directions and covers the concept of data science along with its origins. It focuses on the mechanisms of extracting data along with classifications, architectural concepts, and business intelligence with predictive analysis. Data Science in Engineering and Management: Applications, New Developments, and Future Trends introduces the concept of data science, its use, and its origins, as well as presenting recent trends, highlighting future developments; discussing problems and offering solutions. It provides an overview of applications on data linked to engineering and management perspectives and also covers how data scientists, analysts, and program managers who are interested in productivity and improving their business can do so by incorporating a data science workflow effectively. This book is useful to researchers involved in data science and can

be a reference for future research. It is also suitable as supporting material for undergraduate and graduate-level courses in related engineering disciplines.

DEPARTMENTS OF TRANSPORTATION, AND HOUSING AND URBAN DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS FOR 2012

HEARINGS BEFORE A SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES, ONE HUNDRED TWELFTH CONGRESS, FIRST SESSION

OECD SKILLS STUDIES OECD SKILLS STRATEGY IMPLEMENTATION GUIDANCE FOR LATVIA DEVELOPING LATVIA'S EDUCATION DEVELOPMENT GUIDELINES 2021-2027

DEVELOPING LATVIA'S EDUCATION DEVELOPMENT GUIDELINES 2021-2027

OECD Publishing In order to pave the path to future success, Latvia has developed its Education Development Guidelines 2021-2027, which identifies key policy initiatives that are critical for skills development. The Guidelines outline how Latvia will equip its citizens with skills to flourish in work and in society.

ACCOUNTANTS' HANDBOOK, FINANCIAL ACCOUNTING AND GENERAL TOPICS

John Wiley & Sons This highly regarded reference is relied on by a considerable part of the accounting profession in their day-to-day work. This comprehensive resource is widely recognized and relied on as a single reference source that provides answers to all reasonable questions on accounting and financial reporting asked by accountants, auditors, bankers, lawyers, financial analysts, and other preparers and users of accounting information. The new edition reflects the new FASB Codification, and includes expanded coverage of fair value and guidance on developing fair value estimates, fraud risk and exposure, healthcare, and IFRS.

TREND MANAGEMENT

HOW TO EFFECTIVELY USE TREND-KNOWLEDGE IN YOUR COMPANY

Springer Nature This book offers a compact introduction to the topic of trend management in companies. Fundamental decisions in companies are based on assumptions about future developments in markets and society and diverse technologies. Trend management is a useful tool to discover and understand these developments and thus generates a solid basis for decision making. Although it is mostly applied in strategy development, many more company tasks may profit from it. The author explains the individual activities and results of trend management, and how a sound process can be established in a company. Trend management is a powerful tool at the interface of futures knowledge and concrete entrepreneurial decisions. The book shows how these insights can be transferred into the operational processes of a company. It will serve as a useful guide for interested newcomers as well as for experienced trend managers to recognize opportunities and risks at an early stage and to open up new scope for action for their company.

THE GREEN BOOK

APPRAISAL AND EVALUATION IN CENTRAL GOVERNMENT : TREASURY GUIDANCE

Stationery Office This new edition incorporates revised guidance from H.M Treasury which is designed to promote efficient policy development and resource allocation across government through the use of a thorough, long-term and analytically robust approach to the appraisal and evaluation of public service projects before significant funds are committed. It is the first edition to have been aided by a consultation process in order to ensure the guidance is clearer and more closely tailored to suit the needs of users.

THE COASTAL ENVIRONMENTAL PROFILE OF SEGARA ANAKAN-CILACAP, SOUTH JAVA, INDONESIA

WorldFish

THE FUTURE OF NURSING

LEADING CHANGE, ADVANCING HEALTH

National Academies Press *The Future of Nursing* explores how nurses' roles, responsibilities, and education should change significantly to meet the increased demand for care that will be created by health care reform and to advance improvements in America's increasingly complex health system. At more than 3 million in number, nurses make up the single largest segment of the health care work force. They also spend the greatest amount of time in delivering patient care as a profession. Nurses therefore have valuable insights and unique abilities to contribute as partners with other health care professionals in improving the quality and safety of care as envisioned in the Affordable Care Act (ACA) enacted this year. Nurses should be fully engaged with other health professionals and assume leadership roles in redesigning care in the United States. To ensure its members are well-prepared, the profession should institute residency training for nurses, increase the percentage of nurses who attain a bachelor's degree to 80 percent by 2020, and double the number who pursue doctorates. Furthermore, regulatory and institutional obstacles -- including limits on nurses' scope of practice -- should be removed so that the health system can reap the full benefit of nurses' training, skills, and knowledge in patient care. In this book, the Institute of Medicine makes recommendations for an action-oriented blueprint for the future of nursing.

FINANCIAL RESTATEMENTS

UPDATE OF PUBLIC COMPANY TRENDS, MARKET IMPACTS, AND REGULATORY ENFORCEMENT ACTIVITIES

DIANE Publishing In 2002, it was reported that the number of restatement announcements due to financial reporting fraud &/or accounting errors grew significantly between Jan. 1997 & June 2002, negatively impacting the restating companies; market capitalization by billions of dollars. The author was asked to update key aspects of the 2002 report. This report discusses: (1) the number of, reasons for, & other trends in restatements; (2) the impact of restatement announcements on the restating companies; stock costs & what is known about investors; confidence in U.S. capital markets; & (3) regulatory enforcement actions involving accounting- & audit-related issues. Includes recommendations. Charts & tables.

STATE METHADONE TREATMENT GUIDELINES

A TREATMENT IMPROVEMENT PROTOCOL.

DIANE Publishing Provides guidelines for State agencies and methadone treatment providers on effective treatment practices and care.

SURVIVORSHIP CARE FOR CANCER PATIENTS

A CLINICIAN'S HANDBOOK

Springer Nature This book is a valuable source for oncologists and all other physicians dealing with cancer survivors. It provides detailed information on the evidence-based benefits and forms of intervention, with contributions by a highly prestigious and well recognized panel of experts. Chapters deal with all features of survivorship outlining the role of the oncologist and other caregivers and discusses survivorship care in different countries and different settings. The book addresses new challenges and complex issues broader than medical issues faced by patients who are cured highlighting that cancer is no longer a death sentence. It provides evidence-based management guidance and addresses issues such as symptom management, palliative care, screening for recurrence, rehabilitation, fertility issues among others. This is an indispensable resource for oncologists, oncology nurses and other professionals dealing with cancer patients as well as patient advocacy groups and cancer leagues.

THE FUTURE OF THE PUBLIC'S HEALTH IN THE 21ST CENTURY

National Academies Press The anthrax incidents following the 9/11 terrorist attacks put the spotlight on the nation's public health agencies, placing it under an unprecedented scrutiny that added new dimensions to the complex issues considered in this report. *The Future of the Public's Health in the 21st Century* reaffirms the vision of Healthy People 2010, and outlines a systems approach to assuring the nation's health in practice, research, and policy. This approach focuses on joining the unique resources and perspectives of diverse sectors and entities and challenges these groups to work in a concerted, strategic way to promote and protect the public's health. Focusing on diverse partnerships as the framework for public health, the book discusses: The need for a shift from an individual to a population-based approach in practice, research, policy, and community engagement. The status of the governmental public health infrastructure and what needs to be improved, including its interface with the health care delivery system. The roles nongovernment actors, such as academia, business, local communities and the media can play in creating a healthy nation. Providing an accessible analysis, this book will be important to public health policy-makers and practitioners, business and community leaders, health advocates, educators and journalists.

GLOBAL SPACE GOVERNANCE: AN INTERNATIONAL STUDY

Springer This book is based on the findings, conclusions and recommendations of the Global Space Governance study commissioned by the 2014 Montreal Declaration that called upon civil society, academics, governments, the private sector, and other stakeholders to undertake an international interdisciplinary study. The study took three years to complete. It examines the drivers of space regulations and standards, key regulatory problems, and especially addresses possible improvements in global space governance. The world's leading experts led the drafting of chapters, with input from academics and knowledgeable professionals in the public and private sectors, intergovernmental organizations, and nongovernmental organizations from all the regions of the world with over 80 total participants. This book and areas identified for priority action are to be presented to the UN Committee on the Peaceful Uses of Outer Space and it is hoped will be considered directly or indirectly at the UNISPACE+50 event in Vienna, Austria, in 2018. The report, a collective work of all the contributors, includes objective analysis and frank statements expressed without pressure of political, national, and occupational concerns or interest. It is peer-reviewed and carefully edited to ensure its accuracy, preciseness, and readability. It is expected that the study and derivative recommendations will form the basis for deliberations and decisions at international conferences and meetings around the world on the theme of global space governance. This will hopefully include future discussion at the UN Committee on the Peaceful Uses of Outer Space.

TRENDS

ARCHITECTURAL GLASS TO RESIST SEISMIC AND EXTREME CLIMATIC EVENTS

Elsevier Glass is a popular cladding material for modern buildings. The trend for steel-framed, glass-clad buildings instead of those using traditional materials such as brick and concrete has inherent problems. These include, for example, the performance of architectural glass in extreme climatic events such as windstorms and heavy snow loads and also during earthquakes. This book reviews the state-of-the-art in glass and glazing technology to resist failure due to these natural events. Building code seismic requirements for architectural glass in the United States are considered first of all, followed by a chapter on glazing and curtain wall systems to resist earthquakes. The next two chapters discuss snow loads on building envelopes and glazing systems, and types and design of glazing systems to resist snow loads. Wind pressures and the impact of wind-borne debris are then considered in the next group of chapters which also review special types of glazing systems to resist windstorms. A final chapter reviews test methods for the performance of glazing systems during earthquakes and extreme climatic events. With its distinguished editor and team of contributors, Architectural glass to resist seismic and extreme climatic events is an essential resource for architects, structural, civil and architectural engineers, researchers and those involved in designing and specifying building glazing and cladding materials in areas where severe windstorms, snow and earthquakes are a threat. Considers the state of the art in glass and glazing technology to resist failure due to extreme climatic events Reviews specific building techniques and test methods to enhance glazing performance during snow storms, wind storms and earthquakes

ICH QUALITY GUIDELINES

AN IMPLEMENTATION GUIDE

John Wiley & Sons Examining the implications and practical implementation of multi-disciplinary International Conference on Harmonization (ICH) topics, this book gives an integrated view of how the guidelines inform drug development strategic planning and decision-making. • Addresses a consistent need for interpretation, training, and implementation examples of ICH guidelines via case studies • Offers a primary reference point for practitioners addressing the dual challenge of interpretation and practical implementation of ICH guidelines • Uses case studies to help readers understand and apply ICH guidelines • Provides valuable insights into guidelines development, with chapters by authors involved in generating or with experience implementing the guidelines • Includes coverage of stability testing, analytical method validation, impurities, biotechnology drugs and products, and good manufacturing practice (GMP)

HEDGE FUND REGULATION IN THE EUROPEAN UNION

CURRENT TRENDS AND FUTURE PROSPECTS

Kluwer Law International B.V. While hedge funds have been part and parcel of the global asset management landscape for well over fifty years, it is only relatively recently that they came to prominence as one of the fastest growing and most vigorous sub-sectors of the financial services industry. Despite their growing significance for global and European financial markets, hedge funds continue enjoying a sui generis regulatory status. The ongoing credit crisis and its lessons for the wisdom of unregulated or loosely regulated pockets of financial activity raise, with renewed urgency, the issue of deciding how long for the relative regulatory immunity of hedge funds is to be tolerated in the name of financial innovation. This well-thought-out book, the first of its kind in this particular field, examines the case for

the European onshore hedge fund industry's regulation, making concrete proposals for its normative future. Following a detailed account of the 'established' regulatory systems in Ireland and Luxembourg, as well as of the 'emerging' hedge fund jurisdictions in Italy, France, Spain and Germany, and of the regulatory treatment of hedge funds in the UK, this book examines to what extent the continuing exclusion of hedge funds from harmonized European regulation is defensible, whether their differences to traditional asset management products justify their distinct regulatory treatment and, ultimately, if their EU-wide regulation is possible and, if so, what form this should take. This book offers enormously valuable insights into all facets of the subject of the regulation of hedge funds, including: the legitimacy of the public policy interest in their activities; the conceptual underpinnings and systemic stability emphasis of a realistic hedge fund regulatory scheme; the main parameters of a workable onshore hedge fund regulatory framework; the role of investor protection and market integrity as part of a holistic hedge fund regulatory scheme; the possible use of the UCITS framework as a foundation for the EU-wide regulation of hedge funds; the MiFID's impact on the regulatory future of the European hedge fund industry; existing cross-jurisdictional differences and similarities in the normative treatment of hedge funds within the EU; hitherto initiatives and recommendations of the Community institutions and bodies; and the need for more efficient co-operation and information-sharing arrangements amongst national supervisors for the monitoring of the cross-border risks inherent in the activities of hedge funds. As the first ever comprehensive account of the profile, main features and normative future of the contemporary global and European hedge fund markets - including a systematic inquiry into the conceptual underpinnings of hedge fund regulation and a detailed examination of the European hedge fund industry's treatment under Community and domestic law - this book represents a major contribution to the literature on hedge funds and their regulation which, through its concrete proposals for the onshore industry's regulation and its clear analysis of the conditions necessary for their implementation, should be of extraordinary value to policymakers, supervisors and academics alike.

JOURNAL OF THE NATIONAL CANCER INSTITUTE

JNCI.

FEDERAL REGISTER

RAILWAY SAFETY, RELIABILITY, AND SECURITY: TECHNOLOGIES AND SYSTEMS ENGINEERING

TECHNOLOGIES AND SYSTEMS ENGINEERING

IGI Global Human errors, as well as deliberate sabotage, pose a considerable danger to passengers riding on the modern railways and have created disastrous consequences. To protect civilians against both intentional and unintentional threats, rail transportation has become increasingly automated. *Railway Safety, Reliability, and Security: Technologies and Systems Engineering* provides engineering students and professionals with a collection of state-of-the-art methodological and technological notions to support the development and certification of [real-time safety-critical] railway control systems, as well as the protection of rail transportation infrastructures.

PRACTICAL IMPLEMENTATION OF NUTRIENT GUIDELINES

International Water Assn In 1991 the EU announced a directive regarding urban wastewater treatment. Its objective was to have wastewater collection and treatment for all settlements and nutrient removal for all sensitive areas. These measures needed to be implemented in a short time period, before 2000. The directive resulted in a boost in the applied research towards wastewater treatment and a large investment in new facilities. The 2000 Aquatech conference therefore aimed at evaluating how this directive (or similar directives worldwide) was implemented. The 25 papers selected for these proceedings give an overview of the policies related to nutrient removal in a number of regions. They show the differences in approach and in the results of measures taken. New processes have been developed and existing treatment plants have been upgraded for nutrient removal. Several of these new processes are described together with a number of examples of upgrading of existing facilities. These proceedings provide wastewater engineers, policy-makers and managers with a state-of-the-art view of the approaches that can solve eutrophication problems and minimise the impacts on society and the environment.

RESOURCES IN EDUCATION

INTELLIGENT DECISION-MAKING SUPPORT SYSTEMS

FOUNDATIONS, APPLICATIONS AND CHALLENGES

Springer Science & Business Media This book will be bought by researchers and graduates students in Artificial Intelligence and management as well as practising managers and consultants interested in the application of IT and information systems in real business environment.

EXPLORING CORPORATE SOCIAL RESPONSIBILITY

FUNDAMENTALS AND IMPLEMENTATION

Studer Press For many people, CSR is a matter of interest to know about it, for many others it is a practice made mandatory by the Governments, a lot of researchers are focusing on the best practices under the CSR executions, many approaches and methodologies are being followed by various segments of the society. Students of every stream of Management under the BBA and MBA (Consumer behaviour, Marketing, Human Resources, Finance, Product Development, Production, and Logistics) need to know what CSR is and what rote it plays in the corporations. For those students who are targeting their careers in the field of Corporate Social Responsibility, present book is a compulsory reading. Apart from the Management, students of Economics/Business Economics (MA Economics and MBE) can also find this book quite useful. The trends in CSR investments are always a point of attraction, the book gives a fair idea about CSR investments and returns. Students of public administration (MPA, aspirant of civil services) have a keen interest in the development of the society, CSR being a mandatory exercise creates a lot of opportunities for social and infrastructural developments, and knowledge of CSR in that regard is an important tool. Further, students of Social-Work courses (BSW, MSW) will be, immensely benefitted with this book.

INTELLIGENT SYSTEMS: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global Ongoing advancements in modern technology have led to significant developments in intelligent systems. With the numerous applications available, it becomes imperative to conduct research and make further progress in this field. Intelligent Systems: Concepts, Methodologies, Tools, and Applications contains a compendium of the latest academic material on the latest breakthroughs and recent progress in intelligent systems. Including innovative studies on information retrieval, artificial intelligence, and software engineering, this multi-volume book is an ideal source for researchers, professionals, academics, upper-level students, and practitioners interested in emerging perspectives in the field of intelligent systems.

BIOMETRICS IN LARGE-SCALE IT

RECENT TRENDS, CURRENT PERFORMANCE CAPABILITIES, RECOMMENDATIONS FOR THE NEAR FUTURE

Advanced biometric systems for the storage and comparison of fingerprint, facial image and iris image data are crucial components of many large-scale IT systems used in border control and law enforcement worldwide, including those managed by eu-LISA. In order to make sensible decisions regarding advancement of current systems or implementation of new ones, it is important that the state-of-the-art in biometrics is known. This paper reports recent trends in biometrics and related topics and provides a snapshot of current hardware and software developments and the performance capabilities of modern systems. The information has been assembled through literature review and sourced principally from open source material available online. It is intended to provide the results of this literature monitoring in a digestible format so that the reader can quickly grasp the main points and utilise them in decision making going forward. It is found that biometric systems have advanced significantly in recent times. Hardware and software developments mean that biometric samples can be enrolled at higher quality more efficiently and more securely. Meanwhile numerous studies have demonstrated ever lower error rates for biometric modalities including fingerprinting, facial recognition and iris recognition. It is important that such improvements are implemented in new and existing systems run by the Agency. Some recommendations for such implementations are made at the end of the paper.

ASSISTIVE TECHNOLOGIES FOR ASSESSMENT AND RECOVERY OF NEUROLOGICAL IMPAIRMENTS

IGI Global People with neurological disorders may experience significant problems, isolation, detachment, and passivity while dealing with environmental requests. They constantly rely on caregivers and family assistance, which can create negative outcomes on their quality of life. An emerging way to overcome these issues is assistive technology-based interventions (AT). AT-based programs are designed to fill the gap between human/individual capacities or skills and environmental requests. These technologies can also bring about independence and self-determination and provide people with neurological disorders an active role, positive participation, and an enhanced status in being able to achieve functional daily activities by reducing the roles of their families and caregivers. The positive

impacts of this technology are an important area of research, and its usage for neurological disorders is critical for the assessment and recovery of patients. *Assistive Technologies for Assessment and Recovery of Neurological Impairments* explores the use of AT-based programs for promoting independence and self-determination of individuals with neurological disorders. The chapters discuss AT-based interventions in detail with the specific technologies that are being used, the positive effects on patients, and evidence-based practices. This book also focuses on specific technologies such as virtual reality (VR) setups and augmented reality (AR) as valid ecological environments for patients that ensure methodological control and behavioral tracking for both assessment and rehabilitation purposes. This book is essential for occupational therapists, speech therapists, physiotherapists, neurologists, caregivers, psychologists, practitioners, medical professionals, medical technologists, IT consultants, academicians, and students interested in assistive technology interventions for people with neurological impairments.

INNOVATIVE SIMULATION SYSTEMS

Springer This monograph provides comprehensive guidelines on the current and future trends of innovative simulation systems. In particular, their important components, such as augmented reality and unmanned vehicles are presented. The book consists of three parts. Each part presents good practices, new methods, concepts of systems and new algorithms. Presented challenges and solutions are the results of research and conducted by the contributing authors. The book describes and evaluates the current state of knowledge in the field of innovative simulation systems. Throughout the chapters there are presented current issues and concepts of systems, technology, equipment, tools, research challenges and current, past and future applications of simulation systems. The book is addressed to a wide audience: academic staff, representatives of research institutions, employees of companies and government agencies as well as students and graduates of technical universities in the country and abroad. The book can be a valuable source of information for constructors and developers of innovative simulation systems and their components. Scientists and researchers involved in mechanics, control algorithms, image processing, computer vision or data fusion can find many valuable suggestions and solutions.

BIRD CONSERVATION IMPLEMENTATION AND INTEGRATION IN THE AMERICAS

PROCEEDINGS OF THE THIRD INTERNATIONAL PARTNERS IN FLIGHT CONFERENCE, MARCH 20-24, 2002, ASILOMAR, CALIFORNIA

IOT FOR SMART GRIDS

DESIGN CHALLENGES AND PARADIGMS

Springer This book explains the fundamentals of control theory for Internet of Things (IoT) systems and smart grids and its applications. It discusses the challenges imposed by large-scale systems, and describes the current and future trends and challenges in decision-making for IoT in detail, showing the ongoing industrial and academic research in the field of smart grid domain applications. It presents step-by-step design guidelines for the modeling, design, customisation and calibration of IoT systems applied to smart grids, in which the challenges increase with each system's increasing complexity. It also provides solutions and detailed examples to demonstrate how to use the techniques to overcome these challenges, as well as other problems related to decision-making for successful implementation. Further, it analyses the features of decision-making, such as low-complexity and fault-tolerance, and uses open-source and publicly available software tools to show readers how they can design, implement and customise their own system control instantiations. This book is a valuable resource for power engineers and researchers, as it addresses the analysis and design of flexible decision-making mechanisms for smart grids. It is also of interest to students on courses related to control of large-scale systems, since it covers the use of state-of-the-art technology with examples and solutions in every chapter. And last but not least, it offers practical advice for professionals working with smart grids.

EVOLVING SOFTWARE PROCESSES

TRENDS AND FUTURE DIRECTIONS

John Wiley & Sons **EVOLVING SOFTWARE PROCESSES** The book provides basic building blocks of evolution in software processes, such as DevOps, scaling agile process in GSD, in order to lay a solid foundation for successful and sustainable future processes. One might argue that there are already many books that include descriptions of software processes. The answer is "yes, but." Becoming acquainted with existing software processes is not enough. It is tremendously important to understand the evolution and advancement in software processes so that developers appropriately address the problems, applications, and environments to which they are applied. Providing basic knowledge for these important tasks is the main goal of this book. Industry is in search of software process management capabilities. The emergence of the COVID-19 pandemic emphasizes the industry's need for software-specific process management capabilities. Most of today's products and services are based to a significant degree on software and are the results of largescale development programs. The success of such programs heavily depends on process management capabilities, because they

typically require the coordination of hundreds or thousands of developers across different disciplines. Additionally, software and system development are usually distributed across geographical, cultural and temporal boundaries, which make the process management activities more challenging in the current pandemic situation. This book presents an extremely comprehensive overview of the evolution in software processes and provides a platform for practitioners, researchers and students to discuss the studies used for managing aspects of the software process, including managerial, organizational, economic and technical. It provides an opportunity to present empirical evidence, as well as proposes new techniques, tools, frameworks and approaches to maximize the significance of software process management. Audience The book will be used by practitioners, researchers, software engineers, and those in software process management, DevOps, agile and global software development.

SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING

TRENDS FOR THE NEXT DECADE

World Scientific This volume focuses on current and future trends in the interplay between software engineering and artificial intelligence. This interplay is now critical to the success of both disciplines, and it also affects a wide range of subject areas. The articles in this volume survey the significant work that has been accomplished, describe the state of the art, analyze the current trends, and predict which future directions have the most potential for success. Areas covered include requirements engineering, real-time systems, reuse technology, development environments and meta-environments, process representations, safety-critical systems, and metrics and measures for processes and products.

ADVANCE PAPERS

TONGASS NATIONAL FOREST ANNUAL MONITORING AND EVALUATION REPORT, FISCAL YEAR ...

ENABLING HEALTH INFORMATICS APPLICATIONS

IOS Press Informatics and technology have long been indispensable to the provision of healthcare and their importance continues to grow in this field. This book presents the 65 full papers presented at the 13th annual International Conference on Informatics, Management, and Technology in Healthcare (ICIMTH 2015), held in Athens, Greece, in July 2015. The conference attracts scientists and practitioners from all continents and treats the field of biomedical informatics in a very broad framework, examining the research and applications outcomes of informatics from cell to population, and covering a number of technologies such as imaging, sensors and biomedical equipment as well as management and organizational subjects such as legal and social issues. The conference also aims to set research priorities in health informatics. This overview of current research and development will be of interest to all those whose work involves the use of biomedical informatics in the planning, provision and management of healthcare.

SELECTED WATER RESOURCES ABSTRACTS

PLANNING AND URBAN DESIGN STANDARDS

John Wiley & Sons The new student edition of the definitive reference on urban planning and design Planning and Urban Design Standards, Student Edition is the authoritative and reliable volume designed to teach students best practices and guidelines for urban planning and design. Edited from the main volume to meet the serious student's needs, this Student Edition is packed with more than 1,400 informative illustrations and includes the latest rules of thumb for designing and evaluating any land-use scheme--from street plantings to new subdivisions. Students find real help understanding all the practical information on the physical aspects of planning and urban design they are required to know, including: * Plans and plan making * Environmental planning and management * Building types * Transportation * Utilities * Parks and open space, farming, and forestry * Places and districts * Design considerations * Projections and demand analysis * Impact assessment * Mapping * Legal foundations * Growth management preservation, conservation, and reuse * Economic and real estate development Planning and Urban Design Standards, Student Edition provides essential specification and detailing information for various types of plans, environmental factors and hazards, building types, transportation planning, and mapping and GIS. In addition, expert advice guides readers on practical and graphical skills, such as mapping, plan types, and transportation planning.