

Asset Management Process Flow Chart

Servitization and Physical Asset Management
 Sustainable Asset Management
 Integrated Intellectual Asset Management
 CFA Program Curriculum 2019 Level III Volumes 1-6 Box Set
 14th WCEAM Proceedings
 Advanced Maintenance Modelling for Asset Management
 Transit State of Good Repair: Beginning the Dialogue
 Safety, Health, and Asset Protection
 A Practical Guide to Information Systems Process Improvement
 Asset Maintenance Management in Industry
 Value Based and Intelligent Asset Management
 Cases on Optimizing the Asset Management Process
 Code of Federal Regulations
 Road Transport and Intermodal Linkages Research Programme Asset Management for the Roads Sector
 Portfolio Management in Practice, Volume 2
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 Engineering Asset Management - Systems, Professional Practices and Certification
 Definitions, Concepts and Scope of Engineering Asset Management
 Technology for Facility Managers
 Advances in Asset Management and Condition Monitoring
 IT Asset Management Processes Using Tivoli Asset Manager for IT
 Engineering Asset Management 2011
 Integrated Reservoir Asset Management
 Guide to Intangible Asset Valuation
 Training Programs for Maintenance Organizations
 Proceedings of the 10th World Congress on Engineering Asset Management (WCEAM 2015)
 Stolen Asset Recovery
 Engineering Asset Management
 Business Dynamics in the 21st Century
 Engineering Asset Management 2016
 Innovation, Communication and Engineering
 The Handbook of Highway Engineering
 Transportation Asset Management
 Asset Maintenance Management
 Asset Integrity Management for Offshore and Onshore Structures
 Infrastructure Asset Management with Power System Applications
 Guidelines for Asset Integrity Management
 Multi-Asset Investing
 Handbook of RAMS in Railway Systems

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KENZIE KNOX

Servitization and Physical Asset Management Springer

All too often, senior reservoir managers have found that their junior staff lack an adequate understanding of reservoir management techniques and best practices needed to optimize the development of oil and gas fields. Written by an expert professional/educator, Integrated Reservoir Asset Management introduces the reader to the processes and modeling paradigms needed to develop the skills to increase reservoir output and profitability and decrease guesswork. One of the only references to recognize the technical diversity of modern reservoir management teams, Fanchi seamlessly brings together concepts and terminology, creating an interdisciplinary approach for solving everyday problems. The book starts with an overview of reservoir management, fluids, geological principles used to characterize, and two key reservoir parameters (porosity and permeability). This is followed by an uncomplicated review of multi-phase fluid flow equations, an overview of the reservoir flow modeling process and fluid displacement concepts. All exercises and case studies are based on the authors 30 years of experience and appear at the conclusion of each chapter with hints in addition of full solutions. In addition, the book will be accompanied by a website featuring supplementary case studies and modeling exercises which is supported by an author generated computer program. Straightforward methods for characterizing subsurface environments Effortlessly gain and understanding of rock-fluid interaction relationships An uncomplicated overview of both engineering and scientific processes Exercises at the end of each chapter to demonstrate correct application Modeling tools and additional exercise are included on a companion website

Sustainable Asset Management Vervante

Modern highway engineering reflects an integrated view of a road system's entire lifecycle, including any potential environmental impacts, and seeks to develop a sustainable infrastructure through careful planning and active management. This trend is not limited to developed nations, but is recognized across the globe. Edited by renowned authority

Integrated Intellectual Asset Management CRC Press

The Handbook of RAMS in Railway Systems: Theory and Practice addresses the complexity in today's railway systems, which use computers and electromechanical components to increase efficiency while ensuring a high level of safety. RAM (Reliability, Availability, Maintainability) addresses the specifications and standards that manufacturers and operators have to meet. Modeling, implementation, and assessment of RAM and safety requires the integration of railway engineering systems; mathematical and statistical methods; standards compliance; and financial/economic factors. This Handbook brings together a group of experts to present RAM and safety in a modern, comprehensive manner.

CFA Program Curriculum 2019 Level III Volumes 1-6 Box Set Gulf Professional Publishing

This book presents a systematic approach to the management of physical assets from concept to disposal, building upon the previous editions and brought up-to-date with the new international standards ISO55002 and ISO/TS50010. It introduces the general principles of physical asset management and covers all stages of the asset management process, including initial business appraisal, identification of physical asset needs, capability gap analysis, financial evaluation, logistic support analysis, life cycle costing, strategic asset management planning, maintenance strategy, outsourcing, cost-benefit analysis, disposal and renewal. Features include: providing a textbook for asset management courses to university level; relating closely to the ISO55000 international asset management standard series; providing a basis for the establishment of physical asset management as a professional discipline; and presenting case studies, analytical techniques and numerical

examples with solutions. Written for practitioners and students in asset management, this book provides an essential foundation to the topic. It is suitable for an advanced undergraduate or postgraduate course in asset management and also offers an ideal reference text for engineers and managers specializing in asset management, reliability, maintenance, logistics or systems engineering.

14th WCEAM Proceedings John Wiley & Sons

The fundamental motivation of this book is to contribute to the future advancement of Asset Management in the context of industrial plants and infrastructures. The book aims to foster a future perspective that takes advantage of value-based and intelligent asset management in order to make a step forward with respect to the evolution observed nowadays. Indeed, the current understanding of asset management is primarily supported by well-known standards. Nonetheless, asset management is still a young discipline and the knowledge developed by industry and academia is not set in stone yet. Furthermore, current trends in new organizational concepts and technologies lead to an evolutionary path in the field. Therefore, this book aims to discuss this evolutionary path, starting first of all from the consolidated theory, then moving forward to discuss: • The strategic understanding of value-based asset management in a company; • An operational definition of value, as a concept on the background of value-based asset management; • The identification of intelligent asset management, with the aim to frame a set of "tools" recommended to support the asset-related decision-making process over the asset lifecycle; • The emergence of new technologies such as cyber physical systems and digital twins, and the implications of this on asset management.

Advanced Maintenance Modelling for Asset Management Springer Science & Business Media

This book comprises refereed papers from the 10th World Congress on Engineering Asset Management (WCEAM 2015), held in Tampere, Finland in September 2015. These proceedings include a compilation of state-of-the-art papers covering a comprehensive range of subjects equally relevant to business managers and engineering professionals alike. With a focus on various aspects of engineering asset management ranging from strategic level issues to detail-level machine health issues, these papers address both industry and public sector concerns and issues, as well as advanced academic research. Proceedings of the WCEAM 2015 is an excellent reference and resource for asset management practitioners, researchers and academics, as well as undergraduate and postgraduate students at tertiary institutions or in the industry.

Transit State of Good Repair: Beginning the Dialogue CRC Press

This report examines the requirements of asset management systems, the integration of existing component systems into a comprehensive approach to asset management, the incorporation of a business-like approach, performance monitoring and the implementation of such systems.

Safety, Health, and Asset Protection CRC Press

This book is a first-of-its-kind, practice-based guide of 36 key concepts?legal, operational, and practical--that countries can use to develop non-conviction based (NCB) forfeiture legislation that will be effective in combating the development problem of corruption and recovering stolen assets.

A Practical Guide to Information Systems Process Improvement SAE International

For over three decades, Terry Wireman has specialized in the improvement of maintenance and reliability. As an international expert in maintenance management, he has assisted hundreds of clients in North America, Europe and the Pacific Rim to improve their maintenance effectiveness. Through a new 10-volume Maintenance Strategy series, the author makes his expertise in the field accessible to industrial and facility organizations everywhere. The fifth volume in the series will highlight the need for increased skills proficiency in maintenance and reliability organizations today. It begins with a discussion of the skills shortage, then progresses into how to develop cost-effective and efficient skills training programs. It focuses on modern tools for duty, task, needs analysis and how to convert that data into a complete skills development initiative. The reader will be able to use

the information in this to develop or enhance a skills training program in their company.

Asset Maintenance Management in Industry Routledge

This book promotes and describes the application of objective and effective decision making in asset management based on mathematical models and practical techniques that can be easily implemented in organizations. This comprehensive and timely publication will be an essential reference source, building on available literature in the field of asset management while laying the groundwork for further research breakthroughs in this field. The text provides the resources necessary for managers, technology developers, scientists and engineers to adopt and implement better decision making based on models and techniques that contribute to recognizing risks and uncertainties and, in general terms, to the important role of asset management to increase competitiveness in organizations.

Value Based and Intelligent Asset Management World Bank Publications

This proceeding represents state-of-the-art trends and developments in the emerging field of engineering asset management as presented at the Eight World Congress on Engineering Asset Management (WCEAM). The Proceedings of the WCEAM 2013 is an excellent reference for practitioners, researchers and students in the multidisciplinary field of asset management, covering topics such as: Asset condition monitoring and intelligent maintenance, 2. Asset data warehousing, data mining and fusion, 3. Asset performance and level-of-service models, 4. Design and life-cycle integrity of physical assets, 5. Deterioration and preservation models for assets, 6. Education and training in asset management, 7. Engineering standards in asset management, 8. Fault diagnosis and prognostics, 9. Financial analysis methods for physical assets, 10. Human dimensions in integrated asset management, 11. Information quality management, 12. Information systems and knowledge management, 13. Intelligent sensors and devices, 14. Maintenance strategies in asset management, 15. Optimisation decisions in asset management, 16. Risk management in asset management, 17. Strategic asset management, 18. Sustainability in asset management. King WONG served as Congress Chair for WCEAM 2013 and ICUMAS 2013 is the President of the Hong Kong Institute of Utility Specialists (HKIUS) and Convener of International Institute of Utility Specialists (IIUS). Peter TSE is the Director of the Smart Engineering Asset Management laboratory (SEAM) at the City University of Hong Kong and served as the Chair of WCEAM 2013 Organising Committee. Joseph MATHEW served as the Co-Chair of WCEAM 2013 is also WCEAM's General Chair. He is the Chief Executive Officer of Asset Institute, Australia.

Cases on Optimizing the Asset Management Process CRC Press

These proceedings gather selected peer-reviewed papers from the 11th World Congress on Engineering Asset Management (WCEAM), which was held in Jizhaigou, China, on 25–28 July, 2016. These proceedings cover a wide range of topics in engineering asset management, including: · strategic asset management; · condition monitoring and diagnostics; · integrated intelligent maintenance; · sensors and devices; · information quality and management; · sustainability in asset management; · asset performance and knowledge management; · data mining and AI techniques in asset management; · engineering standards; and · education in engineering asset management. The breadth and depth of these state-of-the-art, comprehensive proceedings make them an excellent resource for asset management practitioners, researchers and academics, as well as undergraduate and postgraduate students.

Code of Federal Regulations Springer Science & Business Media

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

Road Transport and Intermodal Linkages Research Programme Asset Management for the Roads Sector Industrial Press Inc.

When you invest in expensive technology and systems, you want to get the most out of them. Process improvement has been used for years as an effective strategy to reduce costs, shorten cycle times, improve quality, and increase user satisfaction in other areas of business such as Quality, Manufacturing, and Engineering. While there are many books a

Portfolio Management in Practice, Volume 2 John Wiley & Sons

Infrastructure Asset Management with Power System Applications is about infrastructure asset management, which can be expressed as the combination of management, financial, economic, and engineering, applied to physical assets with the objective of providing the required level of service in the most cost-effective manner. It includes management of the whole lifecycle of a physical asset from design, construction, commission, operation, maintenance, modification, decommissioning, and disposal. It covers budget issues and focuses on asset management of an infrastructure for energy—i.e., the electric power system. Features Offers a comprehensive reference book providing definitions, terminology, and basic theories as well as a comprehensive set of examples from a wide range of applications for the electric power system and its components. Spans a wide range of applications for the electric power system area, including real data and pictures. Contains results from recently published research and application studies. Includes a wide range of application examples for the electric power systems area from hydro, nuclear, and wind, plus shows future trends. Contributes to the overall goals of developing a sustainable energy system by providing methods and tools for a resource efficient use of physical assets in the electric power system area.

Physical Asset Management CRC Press

Definitions, Concepts and Scope of Engineering Asset Management, the first volume in this new review series, seeks to minimise ambiguities in the subject matter. The ongoing effort to develop guidelines is shaping the future towards the creation of a body of knowledge for the management of engineered physical assets. Increasingly, industry practitioners are looking for strategies and tactics that can be applied to enhance the value-creating capacities of new and installed asset systems. The new knowledge-based economy paradigm provides imperatives to combine various disciplines, knowledge areas and skills for effective engineering asset management. This volume comprises

selected papers from the 1st, 2nd, and 3rd World Congresses on Engineering Asset Management, which were convened under the auspices of ISEAM in collaboration with a number of organisations, including CIEAM Australia, Asset Management Council Australia, BINDT UK, and Chinese Academy of Sciences, Beijing University of Chemical Technology, China. Definitions, Concepts and Scope of Engineering Asset Management will be of interest to researchers in engineering, innovation and technology management, as well as to managers, planners and policy-makers in both industry and government.

Digital Asset Management Industrial Press Inc.

A comprehensive look at the impact of technology on facility managers Facility managers are tasked with operating and maintaining the built environment. Technology plays a big role in this function, and often facility managers are asked to install, implement, and work with a variety of technologies without any prior experience in information technology. Technology for Facility Managers presents the cutting-edge technology that facility managers will come across in their careers. Each chapter covers a different technology and includes an overview and basic primer about the technology—the current use of the technology, how it's evolving, and how it will impact the practice of facility management in the future—and is complemented with case studies that address how the technology was implemented and the effect it had on the organization. Technologies covered include: Building information modeling (BIM) Building automation systems (BAS) FM automation (CAFM/IWMS) Condition assessment/life cycle analysis Radio frequency identification (RFID) Geographic information systems (GIS) Social networking Sustainability and energy analysis Information and communications technology (ICT) Workflow technology that supports standards such as Business Process Modeling Notation (BPMN) and those developed by the Workflow Management Coalition (WfMC) Technology for Facility Managers is appropriate as a textbook for IFMA Accredited Degree Programs and as a resource for professionals studying for certification through IFMA.

Engineering Asset Management - Systems, Professional Practices and Certification Apress

When you need accurate, up-to-date information in the rapidly changing field of asset protection, you need the most authoritative resource available. You need Safety, Health, and Asset Protection: Management Essentials, Second Edition. It covers regulatory compliance, technical standards, legal aspects, risk management, and training requirements. The chapters on communication and management skills assist you in functioning as an effective member of your unit's management team. In light of the global workplace, the book highlights some of the technical standards and cultural approaches to asset protection in the international arena. See what's new in the Second Edition: Fire Protection Security Safety Engineering Standards Get complete, updated coverage of: Safety and Health Systems Management Environmental Management Professional Management International Developments Standards of Competence Written by widely experienced asset protection practitioners and edited by one of the field's most experienced professionals, Safety, Health, and Asset Protection: Management Essentials, Second Edition has been extensively revised and expanded to ensure that you will have the essential information required to maintain competency and confidence in your profession.

Definitions, Concepts and Scope of Engineering Asset Management Springer Nature

Discover the latest essential resource on asset allocation for students and investment professionals. Part of the CFA Institute's three-volume Portfolio Management in Practice series, Asset Allocation offers a deep, comprehensive treatment of the asset allocation process and the underlying theories and markets that support it. As the second volume in the series, Asset Allocation meets the needs of both graduate-level students focused on finance and industry professionals looking to become more dynamic investors. Filled with the insights and industry knowledge of the CFA Institute's subject matter experts, Asset Allocation effectively blends theory and practice while helping the reader expand their skillsets in key areas of interest. This volume provides complete coverage on the following topics: Setting capital market expectations to support the asset allocation process Principles and processes in the asset allocation process, including handling ESG-integration and client-specific constraints Allocation beyond the traditional asset classes to include allocation to alternative investments The role of exchange-traded funds can play in implementing investment strategies An integrative case study in portfolio management involving a university endowment To further enhance your understanding of tools and techniques explored in Asset Allocation, don't forget to pick up the Portfolio Management in Practice, Volume 2: Asset Allocation Workbook. The workbook is the perfect companion resource containing learning outcomes, summary overview sections, and challenging practice questions that align chapter-by-chapter with the main text.

Technology for Facility Managers BoD – Books on Demand

Oil and gas assets are under constant pressure and engineers and managers need integrity management training and strategies to ensure their operations are safe. Gaining practical guidance is not trained ahead of time and learned on the job. Asset Integrity Management of Offshore and Onshore Structures delivers a critical training tool for engineers to prepare and mitigate safety risk. Starting with a transitional introductory chapter, the reference dives into integrity management approaches including codes and standards. Inspection, assessment, and repair methods are covered for offshore, FPSO, onshore and pipelines. Suggested proactive approaches and modeling risk-based inspection are also included. Supported with case studies, detailed discussions, and practical applications, Asset Integrity Management of Offshore and Onshore Structures gives oil and gas managers a reference to extend asset life, reduce costs, and minimize impact to personnel and environment. Bridge between the theory of integrity management into oil and gas application Understand the strategies and techniques to mitigate corrosion affect, assessment, inspection, and repairs from real-world examples Manage a variety of assets including offshore, subsea, pipelines, and onshore