

THE FACILITY MANAGEMENT HANDBOOK

FOURTH
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REVISED AND UPDATED:
Includes New Information on
BIM, Contracting, and Project
Management Methods, FASB,
and GASB Requirements, and
Sustainability Reporting



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Facilities Management Handbook Fourth Edition

Brian Atkin, Adrian Brooks



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Maintainability of Facilities Yit Lin Chew, 2016-08-19 This book focuses on spearheading the integration of maintainability and green facility management right from the design stage. The text introduces the concept of green maintainability and discusses considerations to maximize the performance by achieving resource and energy efficiency while minimizing the total life cycle cost in embodied energy, environmental impact and consumption of matter/energy throughout the life cycle of a facility by doing it right the first time. In this edition, existing chapters have been brought up to date to include contemporary sustainability concerns such as sustainability design, construction and materials, and maintainability of green features. Maintainability of Facilities is written for practitioners and students in architecture, engineering, building, real estate, construction, project management, facilities management, quantity and building surveying. *Facility Management* Alexander Redlein, 2004-08 Integration of processes and supporting IT tools is a key factor for successful Facility Management. After a review of the present situation of Facility Management, the author describes an integrated process model for the conception, planning and construction processes of facilities, providing integration into the whole life cycle. The target costing method is presented as a means to grant proper conception, planning and construction in accordance with the needs of the investor, the user and the operator. To be able to provide figures for the target costing methodology, a concept for efficient IT process support during the utilisation phase is developed. This includes two levels: the operative level and the controlling level, based on the data of the operative processes. The concept is based on standard reference models of the key FM processes of the utilisation phase and on an analysis of the existing functionality of the relevant IT tools. A concept for the integration of existing IT tools is presented that provides the necessary interaction and data exchange to support the newly introduced parts of the workflow. Based on this integration, unified objects are defined, combining the distributed information

of the FM business objects This results in a joint FM database structure The support of the operative processes and the joint data structure enable standardised calculation of benchmarks for controlling purposes Finally these benchmarks are the basis for a statistical method that allows the calculation of the utilisation costs in the conception phase

Managing Sport Facilities, 3E Fried, Gil, 2015-05-11 Managing Sport Facilities Third Edition provides students with the vital information and vocabulary to make smart decisions in all areas of facility management This edition includes a new chapter on green facility management

Civil Engineer's Handbook of Professional Practice Karen Lee Hansen, Kent E. Zenobia, 2025-01-02 A single source guide to the professional practice of civil engineering Civil Engineer s Handbook of Professional Practice Second Edition assists students and practicing and professional engineers in addressing the many challenges they face This guide expands on the practical skills defined by the American Society of Civil Engineers ASCE s Civil Engineering Body of Knowledge CEBOK and provides illuminating techniques quotes example problems solutions case studies and valuable information that engineers encounter in the real world Including critical information on project management leadership and communication this powerful resource distills the Accreditation Board for Science and Technology s ABET s requirements for a successful career and licensure Due to the large amount of information that is presented in an easy to digest way this handbook enables civil engineers to be competitive at an international level building on their traditional strengths in technology and science while also providing the ability to master the business of civil engineering In this second edition readers will find Modern business topics such as design thinking affirmative action equal opportunity and diversity negotiation health and safety requirements construction management body language interpretation skills project management and scheduling Key discussions of executing a professional commission the engineer s role in project development professional engagement and ethics Updated examples of everyday challenges for civil engineers including defining the project establishing objectives and innovative approaches identifying resources and constraints preparing a critical path schedule quality control and orchestrating project delivery The latest applications of emerging technologies globalization impacts and new sustainability applications for civil engineers Examples of a civil engineering request for proposal and corresponding workplan and feasibility study technical report specification contracts and scheduling and cost control tools Providing comprehensive coverage and in depth guidance from leading industry and academic professionals Civil Engineer s Handbook of Professional Practice Second Edition is a valuable reference for early career and experienced civil engineers alike It is also highly appropriate for upper level undergraduate and graduate courses in Professional Practice and Engineering Project Management Instructors have access to an instructor s manual via the book s companion website

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