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# ASCE PUBLICATIONS

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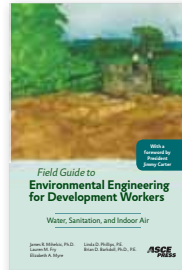
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### Field Guide to Environmental Engineering for Development Workers

Water, Sanitation, and Indoor Air

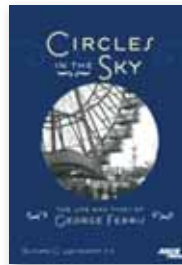
*Foreword by President Jimmy Carter*

James R. Mihelcic, Lauren M. Fry, Elizabeth A. Myre,  
Linda D. Phillips, Brian D. Barkdoll

See page 5.

**ASCE Press**

2009, Softcover, 512 pp., ISBN 978-0-7844-0985-5  
Stock # 40985, List \$60.00 / ASCE Member \$45.00



### Circles in the Sky

The Life and Times of George Ferris

Richard G. Weingardt

See page 15.

**ASCE Press**

2009, Softcover, 164 pp., ISBN 978-0-7844-1010-3  
Stock # 41010, List \$35.00 / ASCE Member \$26.25



### Women in Engineering

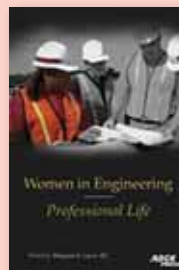
Pioneers and Trailblazers

Margaret E. Layne (editor)

See page 16.

**ASCE Press**

2009, Softcover, 256 pp., ISBN 978-0-7844-0980-0  
Stock # 40980, List \$39.00 / ASCE Member \$29.25



### Women in Engineering

Professional Life

Margaret E. Layne (editor)

See page 16.

**ASCE Press**

2009, Softcover, 264 pp., ISBN 978-0-7844-0991-6  
Stock # 40991, List \$35.00 / ASCE Member \$26.25



### Journal of Pipeline Systems Engineering and Practice

**EDITOR IN CHIEF:** Mohammad Najafi, Ph.D., P.E.  
University of Texas, Arlington

**FREQUENCY:** Quarterly

**ISSN:** 1949-1190

See page 50.

For complete list of all ASCE books, go online at [pubs.asce.org](http://pubs.asce.org)



## Building a Sustainable Future

Proceedings of the 2009 Construction Research Congress

Samuel T. Ariaratnam,  
Eddy Rojas (editors)

This volume contains

152 peer-reviewed papers presented at the Construction Research Congress held in Seattle, Washington, April 5-7, 2009. Sixteen countries were represented: Australia, Brazil, Canada, China, Colombia, Hong Kong, India, Israel, Korea, Japan, Saudi Arabia, Singapore, South Africa, Thailand, Turkey, and the United Kingdom.

### 2-VOLUME SET

2009, Softcover, 1,564 pp., ISBN 978-0-7844-1020-2  
Stock # 41020, List \$259.00 / ASCE Member \$194.25



## Residential Land Development Practices

A Textbook on Developing Land into Finished Lots, Third Edition

David E. Johnson

This third edition updates an ASCE Press classic with new illustrations, additional forms and checklists, and two entirely new chapters—one on types of residential land use and another on storm-water management and best management practices—ensuring that *Residential Land Development Practices* continues to be the best resource of its kind.

David E. Johnson, P.E., P.P. works on commercial, residential, and industrial land development projects. He teaches regularly for ASCE's Continuing Education program.

### ASCE Press

2008, Softcover, 305 pp., ISBN 978-0-7844-0967-1  
Stock # 40967, List \$65.00 / ASCE Member \$48.75



## Principles of Applied Civil Engineering Design

Ying-Kit Choi

A pioneer reference in the civil engineering profession, this book details the guidelines, principles, and philosophy needed to produce design documents for heavy civil engineering projects.

Ying-Kit Choi, Ph.D., P.E., is a consulting engineer and principal of BasePoint Design Corporation in Aurora, Colorado.

### ASCE Press

2004, Softcover, 227 pp., ISBN 978-0-7844-0712-7  
Stock # 40712, List \$87.00 / ASCE Member \$65.25



## Interpreting Construction Contracts

Fundamental Principles for Contractors, Project Managers, and Contract Administrators

H. Randolph Thomas,  
Ralph D. Ellis

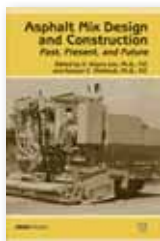
Every day, engineers and managers are called upon to understand and execute the terms of construction contracts. Oftentimes these professionals have little or no legal training and find themselves relying upon intuition, common sense, or hearsay—with possibly unfortunate and expensive results. In *Interpreting Construction Contracts*, Thomas and Ellis come to the rescue of contractors, project managers, and contract administrators struggling to interpret these contracts.

H. Randolph Thomas, Ph.D., P.E., is a professor of civil engineering at Pennsylvania State University.

Ralph D. Ellis, Ph.D., P.E., is an associate professor of civil engineering at the University of Florida in Gainesville.

### ASCE Press

2007, Softcover, 464 pp., ISBN 978-0-7844-0921-3  
Stock # 40921, List \$90.00 / ASCE Member \$67.50



## Asphalt Mix Design and Construction Past, Present, and Future

Wayne Lee,  
Kamyar Mahboub

This committee report contains four papers that were presented at a special technical session, "Evaluation

of Bituminous Materials Mix-Design & Superpave," of the Conference to celebrate the 150th Anniversary of ASCE in Washington, D.C. on November 3, 2002.

2006, Softcover, 200 pp., ISBN 978-0-7844-0842-1  
Stock # 40842, List \$69.00 / ASCE Member \$51.75

## Preparing Requests for Proposals and Specifications for Design-Build Projects

Preparing a concise, well-written request for proposal (RFP) is a key requirement for design and construction professionals. This publication explains in detail the key steps in writing a request for proposal. Topics include an overview of RFPs and their role in design-build projects; various approaches to project contracts; and a final chapter detailing unusual and specific contract specifications.

2008, Softcover, 52 pp., ISBN 978-0-7844-0987-9  
Stock # 40987, List \$45.00 / ASCE Member \$33.75



## Preparing for Design-Build Projects

A Primer for Owners, Engineers, and Contractors

Douglas D. Gransberg,  
James E. Koch,  
Keith R. Molenaar

For nearly two decades, design-build (DB) contracting has become increasingly the method of choice in public and private construction projects. Many designers and builders are now drawn to DB projects and must alter their business practices to accommodate the changed relationships within DB contracts. *Preparing for Design-Build Projects: A Primer for Owners, Engineers, and Contractors* is a professional reference that covers the basics of developing a design-build project.

Douglas D. Gransberg, Ph.D., P.E., is a professor of construction science at the University of Oklahoma. James E. Koch, Ph.D., P.E., is a vice-president of Hill International and former director of the Construction Management Program at Washington University in St. Louis. Keith R. Molenaar, Ph.D., is an associate professor in the construction engineering and management program at the University of Colorado at Boulder.

### ASCE Press

2006, Softcover, 296 pp., ISBN 978-0-7844-0828-5  
Stock # 40828, List \$64.00 / ASCE Member \$48.00

## Engineers' Dispute Resolution Handbook

R. Gaitskell

Up-to-date information on the various forms of dispute resolution that have recently become available, as well as discussion of the more established procedures.

### Thomas Telford, Ltd.

2006, Hardcover, 176 pp., ISBN 978-0-7277-3450-1  
Stock # 3450, List \$82.00 / ASCE Member \$61.50



## Constructability Concepts and Practices

John A. Gambatese,  
James B. Pocock,  
Phillip S. Dunston (editors)  
*Constructability Concepts and Practices* provides an indispensable resource of

constructability knowledge for a broad audience of industry professionals. Created by ASCE's Constructability Committee and Construction Research Council, this publication seeks to stimulate further exploration of the concept and improve future projects. It covers timely constructability topics such as state-of-practice, impacts, tools and resources, and education and training.

2007, Softcover, 146 pp., ISBN 978-0-7844-0895-7  
Stock # 40895, List \$60.00 / ASCE Member \$45.00

## FIDIC User's Guide

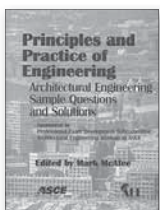
*A Practical Guide to the 1999 Red and Yellow Books—Incorporating Changes and Additions to the 2005 MDB Harmonised Edition*

B. W. Totterdill

Focuses on the practical administration of the contract and recognizes the growing tendency for projects to be administered by local employers, consultants, and contractors as well as by the experienced international organizations. The changes and additions in the 2005 MDB Harmonised Edition, published by FIDIC in conjunction with the major Multilateral Development Banks, are also evaluated.

Thomas Telford, Ltd.

2006, Hardcover, 408 pp., ISBN 978-0-7277-3441-9  
Stock # 3441, List \$108.00 / ASCE Member \$81.00



## Principles and Practice of Engineering

*Architectural Engineering Sample Questions and Solutions*

Mark McAfee

An essential resource to assist candidates who are preparing for the Principles and Practice of Engineering (PE) examination in architectural engineering.

2003, Softcover, 88 pp., ISBN 978-0-7844-0657-1  
Stock # 40657, List \$44.00 / ASCE Member \$33.00

## Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data, ASCE/CI 38-02

Presents a credible system for classifying the quality of utility location information that is placed in design plans. Used as a reference or as part of a specification, the Standard will assist in developing strategies to reduce risk by improving the reliability of information on existing subsurface utilities in a defined manner.

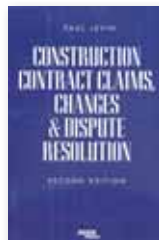
2002, Softcover, 20 pp., ISBN 978-0-7844-0645-8  
Stock # 40645, List \$48.00 / ASCE Member \$36.00

## Quality in the Constructed Project Second Edition

ASCE Manuals and Reports on Engineering Practice No. 73

Provides information and recommendations on principles and procedures that are effective in enhancing the quality of constructed projects.

2000, Softcover, 288 pp., ISBN 978-0-7844-0506-2  
Stock # 40506, List \$44.00 / ASCE Member \$33.00



## Construction Contract Claims, Changes & Dispute Resolution

Second Edition

Paul Levin

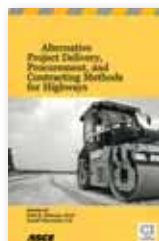
Prepare yourself for the pitfalls and opportunities

that arise during the process of contract claims and change orders with this practical guide of straightforward, simple approaches for solving your claims and changes challenges.

Paul Levin is a project schedule engineer for the Washington Metropolitan Area Transit Authority.

ASCE Press

1998, Softcover 255 pp., ISBN 978-0-7844-0276-4  
Stock # 40276, List \$54.00 / ASCE Member \$40.50



## Alternative Project Delivery, Procurement, and Contracting Methods for Highways

Keith R. Molenaar,

Gerald Yakowenko

Vital information on design/build, construction

management at risk, performance-based road maintenance contracts, best-value procurement, quality-based contractor qualification, warranty contracting, and incentive/disincentive contracting. It is essential reading for the road construction industry.

2007, Softcover, 166 pp., ISBN 978-0-7844-0886-5  
Stock # 40886, List \$65.00 / ASCE Member \$48.75

## Reduce Conflicts and Avoid Litigation EJCDC Contract Documents

The Engineers Joint Contract Documents Committee (EJCDC) develops and updates fair and objective standard documents that represent the latest and best thinking on contractual relations between all parties involved in engineering design and construction projects. The documents are user friendly and easily customizable (MS Word format) and are available for immediate download at <http://pubs.asce.org/contracts/>. CD-ROM versions are also available.

Each EJCDC Contract Document is prepared by experienced engineering design and construction professionals, owners, contractors, professional liability and risk management experts, and legal counsel.

Contract Document areas include:

- Owner and Engineer
- Construction
- Engineer and Subconsultant Design/Build
- Environmental Remediation
- Joint Venture, Peer Review, and Other Agreements
- Funding Agency Editions
- Procurement

EJCDC includes the American Society of Civil Engineers, the American Council of Engineering Companies, NSPE's Professional Engineers in Private Practice Division, Associated General Contractors of America, and the participation of more than fifteen other professional engineering design, construction, owner, legal, and risk management organizations.

**MORE INFORMATION AT**  
<http://pubs.asce.org/contracts>



## Ten Commandments of Better Contracting

A Practical Guide to Adding Value to an Enterprise through More Effective SMART Contracting

Francis T. Hartman

A fresh look at management of supply chains with a particular focus on contracting for construction and related goods and services.

**Francis Hartman, Ph.D.**, a renowned authority on project management, has more than 20 years of industrial experience in engineering and construction.

### ASCE Press

2003, Hardcover, 480 pp., ISBN 978-0-7844-0653-3  
Stock # 40653, List \$87.00 / ASCE Member \$65.25



## Contaminants of Emerging Environmental Concern

Alok Bhandari, Rao Y. Surampalli, Craig D. Adams, Pascale Champagne, Say K. Ong, Rajeshwar D. Tyagi, Tian C. Zhang (editors)

A new category of environmental contaminants is capturing the attention of citizens, scientists, and regulators: anthropogenic chemicals. These contaminants are predominantly unregulated and human-made. They occur in air, soil, water, food, and human and animal tissues in trace concentrations. This report considers specific pollutants, including pharmaceuticals, personal care products, antimicrobials and antibiotics, hormones, plasticizers, surfactants, fire retardants, pesticides, and nanoparticles. This book

is a must-have for both undergraduate and graduate students in environmental engineering and resources; teachers; researchers; and practicing environmental engineers. This book summarizes the analytical methods used for separation and quantification of emerging contaminants and describes molecular biology approaches to identify organisms capable of degrading these chemicals.

2009, Softcover, 490 pp., ISBN 978-0-7844-1014-1  
Stock # 41014, List \$79.00 / ASCE Member \$59.25

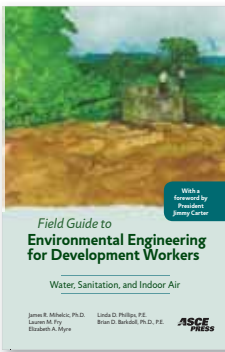


## Journal of Legal Affairs and Dispute Resolution in Engineering and Construction

**EDITOR:** Amarjit Singh, Ph.D., P.E., University of Hawaii at Manoa

**DESCRIPTION:** The mission of the journal is to serve as the technical reference and resource for construction lawyers engaged in public and private practice, as well as for design engineers, construction engineers, and executives responsible for successful project administration. The journal seeks to provide thought-provoking discussions and insight into the legal relationships arising out of the changing nature of project delivery systems, dispute avoidance and resolution, sustainability concerns, and effective project execution. The journal will focus on legal issues, aim to increase the attention given to legal systems during engineering and construction practice, and seek excellence in the application of legal resources for the success of engineering and construction projects.

SEE PAGE 49 FOR MORE DETAILS.



## Field Guide to Environmental Engineering for Development Workers

Water, Sanitation, and Indoor Air

Foreword by President Jimmy Carter

James R. Mihelcic, Lauren M. Fry, Elizabeth A. Myre, Linda D. Phillips, Brian D. Barkdoll

This readable and fully illustrated guide is a complete handbook for international engineering service projects that involve water supply and treatment, watersheds, sanitation systems, and indoor air quality. The authors introduce sustainable engineering and explain how environmental engineering fosters public health, with an emphasis on the relationship between community participation and the success of an engineering project. Specific technical guidance is offered for the

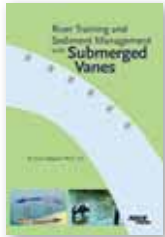
design and construction of multiple systems for water supply, water and wastewater treatment, and flood storage and drainage, as well as solid waste management and indoor air quality improvement.

This book is a valuable resource for engineering students, faculty, and practitioners involved with programs like Engineers without Borders, Water for People, and Engineers for a Sustainable World, as well as those affiliated with government groups, international agencies, and charitable organizations.

**James R. Mihelcic, Ph.D., BCEEM**, is a professor of civil and environmental engineering, a State of Florida 21<sup>st</sup> Century World Class Scholar, and director of the Master's International Program in Civil and Environmental Engineering at the University of South Florida. **Lauren M. Fry** is a doctoral candidate in environmental engineering at Michigan Technological University. **Elizabeth A. Myre** has managed water, sanitation, and renewable energy projects with NGOs in Haiti and Guatemala. **Linda D. Phillips, P.E., P.M.P., C.D.T.**, is a lecturer and Patel Associate in the Department of Civil and Environmental Engineering and director of the International Capstone Design (ICD) program at the University of South Florida. **Brian Barkdoll, Ph.D., P.E., D.WRE, F.ASCE** is an associate professor of civil and environmental engineering at Michigan Technological University.

### ASCE Press

2009, Softcover, 512 pp., ISBN 978-0-7844-0985-5  
Stock # 40985, List \$60.00 / ASCE Member \$45.00



## River Training and Sediment Management with Submerged Vanes

A. Jacob Odgaard

Submerged vanes are an unobtrusive and cost-effective way for water

engineers to address many problems associated with sedimentation and river training. A relatively new technology, submerged vanes are a low-impact method for reducing erosion and downstream sediment buildup. Unlike weirs and dikes, submerged vanes bolster current efforts to “re-meander”—or make more natural—rivers that have been modified by humans.

This book is a complete guide to help engineers determine when submerged vanes would be an effective design solution and how they should be planned and installed. Using straightforward language, this book describes the solutions that submerged vanes offer to problems plaguing modern river systems.

*River Training and Sediment Management with Submerged Vanes* is an essential resource for engineers involved in river engineering and channel design, as well as utility engineers, environmental officials, and managers of river and stream systems.

A. Jacob Odgaard, Ph.D., P.E., FASCE, is a professor in the Department of Civil and Environmental Engineering at the University of Iowa and a research engineer with IIHR—Hydroscience and Engineering.

### ASCE Press

2009, Softcover, 192 pp., ISBN 978-0-7844-0981-7  
Stock # 40981, List \$75.00 / ASCE Member \$56.25



## Sustainable Wastewater Management in Developing Countries

New Paradigms and Case Studies from the Field

Carsten Hollaender Laugesen, Ole Fryd, with Thammarat Koottatep, Hans Brix

This book investigates the complex political, economic, and cultural reasons that so many developing nations lack the ability to provide proper and effective wastewater treatment for their citizens. The authors draw upon their experiences in Malaysia, Thailand, and other countries to inspire innovation and improvement in wastewater treatment and management.

### ASCE Press

2010, Softcover, 256 pp. (est.), ISBN 978-0-7844-0999-2  
Stock # 40999, List \$75.00 (est.) / ASCE Member \$56.25 (est.)



## Marine Outfall Construction

Background, Case Studies, and Techniques

Robert A. Grace

The use of marine outfalls to carry treated wastewater from land to sea is

important for coastal municipalities and industries. Outfall projects present complex environmental, engineering, and construction challenges. Until now, however, very little practical information has been available to guide engineers, government officials, contractors, industries, and communities.

*Marine Outfall Construction* contains practical guidance, detailed case studies, and more than 700 references. The author explains why an outfall is the disposal method of choice. Grace uses his extensive offshore experience to describe the particular challenges that accompany a construction project at sea. He examines techniques for installing a pipeline underwater, including trestles, bottom-pull, horizontal directional drilling, crane barges, and robotics. Grace outlines specific obstacles to successful outfall construction, such as difficult sites and deep water locations, and he examines unique outfalls, along with those that turned out to be difficult or impossible to install. Appendixes include an annotated list of the major features of 400 global outfall projects, a technical summary of applicable wave-related concepts, and a discussion of immersed tubes.

Robert A. Grace, Ph.D., is a professor of civil and environmental engineering at the University of Hawaii at Manoa in Honolulu.

### ASCE Press

2009, Hardcover, 432 pp., ISBN 978-0-7844-0984-8  
Stock # 40984, List \$120.00 / ASCE Member \$90.00



## Comprehensive Transboundary Water Quality Management Agreement with Guidelines for Development of a Management Plan, Standards, and Criteria

Standard ASCE/EWRI 33-09

2009, Softcover, 61 pp., ISBN 978-0-7844-1019-6  
Stock # 41019, List \$80.00 / ASCE Member \$60.00



## Nanotechnologies for Water Environment Applications

Tian C. Zhang, Rao Y. Surampalli, Keith C. K. Lai, Zhiqiang Hu, R. D. Tyagi, Irene M. C. Lo (editors)

Nanotechnologies, “the engine of the next Industrial Revolution,” represent the new wave of research for chemical and industrial innovation. However, with any new technology or compound comes the threat of harm to humans and natural ecosystems. *Nanotechnologies for Water Environment Applications* provides the current status of synthesis and characterization of nanomaterials, as well as the environmental effects of nanotechnology.

2009, Softcover, 620 pp., ISBN 978-0-7844-1030-1  
Stock # 41030, List \$130.00 / ASCE Member \$97.50



## Existing Sewer Evaluation and Rehabilitation

ASCE Manuals and Reports On Engineering Practice No. 62/WEF Manual of Practice No. FD.6  
Third Edition

Fully revised and updated, this authoritative volume offers the most comprehensive information available on system maintenance, repair, rehabilitation, and replacement of existing sewers.

### WEF, McGraw Hill, and ASCE

2009, Hardcover, 360 pp., ISBN 978-0-0716-1475-7  
Stock # MC475, List \$99.95 / ASCE Member \$86.00



## Navigation Engineering Practice and Ethical Standards

ASCE Manuals and Reports on Engineering Practice No. 116  
William H. McAnally (editor)

*Navigation Engineering Practice and Ethical Standards* presents engineering criteria and practices for the design, operation, and management of navigation projects. This publication is meant to be used as a reference to demonstrate the ethical beginnings of navigation engineering criteria.

2009, Softcover, 122 pp., ISBN 978-0-7844-0992-3  
Stock # 40992, List \$79.00 / ASCE Member \$59.25

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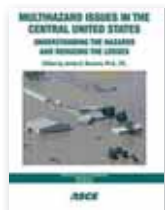


## Sharing Water in Times of Scarcity

Guidelines and Procedures in the Development of Effective Agreements to Share Water Across Political Boundaries

Stephen Draper (editor)

2006, Softcover, 156 pp., ISBN 978-0-7844-0846-9  
Stock # 40846, List Price \$55.00 / ASCE Member Price \$41.25



## Multihazard Issues in the Central United States

Understand the Hazards and Reducing the Losses  
CDRM Monograph No. 3

James E. Beavers (editor)

ASCE's Council on Disaster Risk Management convened a symposium in 2006 on the natural and technological hazards occurring in the central United States, specifically Missouri, Illinois, and Tennessee. This monograph outlines some of the more important issues that should be addressed in the development of comprehensive national and state hazard plans and action scenarios.

2009, Softcover, 114 pp., ISBN 978-0-7844-1015-8  
Stock # 41015, List \$49.00 / ASCE Member \$36.75



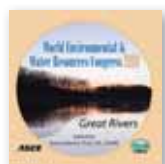
## Long-Term Hazard to Drinking Water Resources from Landfills

Timo Dörrie,  
Peter Spillmann,  
Michael Struve

This book contains the latest research on the risks to groundwater over time and provides a scientific case for more sustainable landfill construction.

Thomas Telford, Ltd.

2009, Softcover, 584 pp., ISBN 978-0-7277-3513-3  
Stock # 3513, List \$170.00 / ASCE Member \$127.50



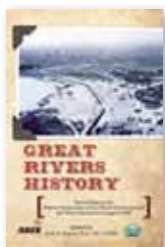
## World Environmental and Water Resources Congress 2009

Great Rivers

Steve Sarratt (editor)

The papers in this proceedings were presented at the World Environmental and Water Resources Congress 2009, which was held in Kansas City, Missouri from May 17 to 21.

2009, CD-ROM, ISBN 978-0-7844-1036-3  
Stock # 41036, List \$226.00 / ASCE Member \$169.50



## Great Rivers History

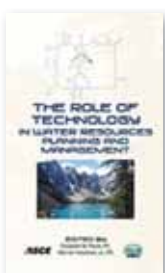
Proceedings of the History Symposium of the World Environmental and Water Resources Congress 2009

Jerry R. Rogers (editor)

This volume contains 18 papers presented at the World Environmental and Water

Resources Congress and Great Rivers History Symposium held in Kansas City, Missouri, from May 17 to 21, 2009.

2009, Softcover, 136 pp., ISBN 978-0-7844-1032-5  
Stock # 41032, List \$65.00 / ASCE Member \$48.75

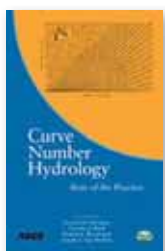


## The Role of Technology in Water Resources Planning and Management

Elizabeth M. Perez,  
Warren Viessman, Jr.  
(editors)

Technology plays a vital role in influencing sound decisions regarding water resources. The mission of this book is to show the impact technology has had on water resource planning and management—historically, and into the future.

2009, Softcover, 134 pp., ISBN 978-0-7844-1028-8  
Stock # 41028, List \$59.00 / ASCE Member \$44.25



## Curve Number Hydrology

State of the Practice

Richard H. Hawkins,  
Timothy J. Ward,  
Donald E. Woodward,  
Joseph A. Van Mullem  
(editors)

The curve number (CN) method for estimating direct runoff response from rainstorms was developed to fill a technological niche in the 1950s. In *Curve Number Hydrology: State of the Practice*, an ASCE/EWRI Task Committee investigates the origin, development, role, application, and current status of the CN method.

2009, Softcover, 116 pp., ISBN 978-0-7844-1004-2  
Stock # 41004, List \$70.00 / ASCE Member \$52.50



## Computing in Civil Engineering

Proceedings from the 2009 ASCE International Workshop on Computing in Civil Engineering

Carlos H. Caldas,  
William J. O'Brien (editors)

This proceedings contains papers presented at the 2009 ASCE International Workshop on Computing in Civil Engineering, held in Austin, Texas, from June 24 to 27, 2009.

2009, Softcover, 692 pp., ISBN 978-0-7844-1052-3  
Stock # 41052, List \$150.00 / ASCE Member \$112.50



## Low Impact Development for Urban Ecosystem and Habitat Protection

Nian She, Michael Clar (editors)

This proceedings highlights reports on new and continuing research, developments, and community adoption of Low Impact Development throughout the United States and other parts of the world. These papers address a broad range of topics that are relevant to sustainable approach to stormwater management using the Low Impact Development technology.

2009, CD-ROM, ISBN 978-0-7844-1009-7  
Stock # 41009, List \$90.00 / ASCE Member \$67.50



## Sustainable Sludge Management

Production of Value Added Products

R. D. Tyagi,  
Rao Y. Surampalli,  
Song Yan, Tian C. Zhang,  
C.M. Kao, B.N. Lohani  
(editors)

The ASCE's Technical Committee on Hazardous, Toxic, and Radioactive Waste Management presents the latest information on recent trends in the bioconversion of sludge to value-added products like biopesticides, biosurfactants, enzymes, bioplastics, and biofertilizers/bioflocculants. This book offers an examination of wastewater sludge characteristics; a road to sustainability by converting sludge into value-added products; and detailed information on the various types of value-added products being created from sludge.

2009, Softcover, ISBN 978-0-7844-1051-6  
Stock # 41051, List \$125.00 / ASCE Member \$93.75



## Low Impact Development New & Continuing Applications

Michael Clar (editor)

This proceedings specifically highlights new and continuing low impact practices, including research, recent developments, and community adoption and acceptance. Coastal applications are also emphasized.

2009, Softcover, 402 pp., ISBN 978-0-7844-1007-3  
Stock # 41007, List \$80.00 / ASCE Member \$60.00



## Basic Water Treatment Fourth Edition

Chris Binnie,  
Martin Kimber (editors)

This book focuses on issues relevant to practicing engineers. It summarizes the key issues and criteria in concise and accessible sections, but with additional theory to explain and support the treatment processes considered.

Thomas Telford, Ltd.

2009, Softcover, 328 pp., ISBN 978-0-7277-3608-6  
Stock # 3608, List \$65.00 / ASCE Member \$48.75



## Disaster Risk Assessment and Mitigation Arrival of the South Asia Tsunami Wave in Thailand CDRM Monograph No. 2

Nasim Uddin, Alfredo H.S. Ang (editors)

After recent earthquakes, tsunamis, and hurricanes devastated more than a dozen countries, civil engineers find themselves at the forefront of building and repairing the infrastructure of destroyed communities. This monograph asks the question: are civil engineers doing their jobs or should their roles be redefined?

2008, Softcover, 98 pp., ISBN 978-0-7844-1012-7  
Stock # 41012, List \$39.00 / ASCE Member \$29.25



## Verification and Validation of 3D Free-Surface Flow Models

Sam S. Y. Wang,  
Patrick J. Roache,  
Richard A. Schmalz,  
Yafei Jia, Peter E. Smith (editors)

In the past several years, computational models for free surface flow simulations have been increasingly in demand for engineering, construction, and design, legislation, land planning, and management decisions. Many computational models have been hastily developed and delivered to clients without the proper scientific confirmation and certification. In order to correct this, the ASCE/EWRI Task Committee developed a new, rigorous, and systematic verification and validation process, *Verification and Validation of 3D Free-Surface Flow Models*, which discusses this procedure in detail.

2009, Softcover, 520 pp., ISBN 978-0-7844-0957-2  
Stock # 40957, List \$120.00 / ASCE Member \$90.00



## TCLEE 2009 Lifeline Earthquake Engineering in a Multihazard Environment

Alex Tang, Stuart Werner (editors)

This conference proceedings contains nearly 150 technical papers that were presented at oral breakout and poster sessions, and were peer reviewed and approved by the Technical Program Committee.

2009, CD-ROM, ISBN 978-0-7844-1050-9  
Stock # 41050, List \$200.00 / ASCE Member \$150.00



## Treatment System Hydraulics

John Bergendahl

This is the first book to address the nuts and bolts of treatment systems, examining typical variables and describing methods for solving the problems faced by practitioners on a daily basis. *Treatment System Hydraulics* is an essential reference for environmental, mechanical, civil, and chemical engineers working in treatment system facilities.

John Bergendahl, Ph.D., P.E., is an associate professor in the civil and environmental engineering department of Worcester Polytechnic Institute in Massachusetts.

ASCE Press

2008, Hardcover, 280 pp., ISBN 978-0-7844-0919-0  
Stock # 40919, List \$100.00 / ASCE Member \$75.00



## Offshore Technology in Civil Engineering, Volume Four Hall of Fame Papers from the Early Years

Joseph Kallaby, John S. Templeton,  
Alan G. Young (editors)

The Offshore Technology Conference (OTC) is the world's leading event for the development of offshore resources in the fields of drilling, exploration, production, and environmental protection. These papers cover major topics in offshore technology such as pile driving, mudslides, storm wave kinematics, tubular joints, response of floating structures, wave return periods, and soil performance during earthquakes.

2009, Softcover, 106 pp., ISBN 978-0-7844-1034-9  
Stock # 41034, List \$75.00 / ASCE Member \$56.25



## Offshore Technology in Civil Engineering Hall of Fame Papers from the Early Years, Vol. 3

J.S. Templeton III (editor)

2008, Softcover, 132 pp., ISBN 978-0-7844-0982-4  
Stock # 40982, List \$75.00 / ASCE Member \$56.25

## Offshore Technology in Civil Engineering Hall of Fame Papers from the Early Years, Vol. 2

J.S. Templeton III (editor)

2007, Softcover, 152 pp., ISBN 978-0-7844-0925-1  
Stock # 40925, List \$59.00 / ASCE Member \$44.25

## Offshore Technology in Civil Engineering Hall of Fame Papers from the Early Years

J.S. Templeton III (editor)

2006, Softcover, 160 pp., ISBN 978-0-7844-0871-1  
Stock # 40871, List \$59.00 / ASCE Member \$44.25

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## Sedimentation Engineering

Theories, Measurements, Modeling, and Practice

ASCE Manuals and Reports on Engineering Practice No. 110

Updates selected topics in the original manual, *Sedimentation Engineering: Classic Edition* (MOP 54), and addresses new topics, such as the hydraulic action of flowing water in the context of rivers and inland water bodies.

2007, Hardcover, 1,150 pp., ISBN 978-0-7844-0814-8  
Stock # 40814, List \$185.00 / ASCE Member \$138.75



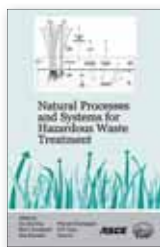
## Sedimentation Engineering

Classic Edition

Manuals and Reports on Engineering Practice No. 54

This classic reference provides an excellent text for understanding the nature and scope of sedimentation problems, methods for their investigation, and practical approaches to their solution. The book focuses on sediment control methods for watersheds, streams, canals, and reservoirs.

2006, Hardcover, 424 pp., ISBN 978-0-7844-0823-0  
Stock # 40823, List \$110.00 / ASCE Member \$82.50

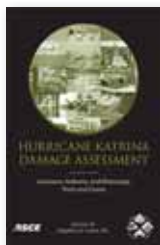


## Natural Processes and Systems for Hazardous Waste Treatment

Say Kee Ong,  
Rao Y. Surampalli,  
Alok Bhandari,  
Pascale Champagne  
(editors)

This book discusses the various natural processes for the attenuation and degradation of hazardous compounds and these processes' application in inexpensive natural systems. This book will serve as a reference for undergraduate or graduate students, as well as for practicing professionals.

2008, Softcover, 280 pp., ISBN 978-0-7844-0939-8  
Stock # 40939, List \$65.00 / ASCE Member \$48.75



## Hurricane Katrina Damage Assessment

Louisiana, Alabama, and Mississippi Ports and Coasts

Brings together the results of a comprehensive evaluation led by COPRI and offers

"lessons learned" for the protection of existing natural coastal barriers, re-establishment of lost natural coastal barriers, and design of future coastal infrastructure to withstand storm events of Katrina's magnitude.

2007, Softcover, 150 pp., ISBN 978-0-7844-0931-2  
Stock # 40931, List \$65.00 / ASCE Member \$48.75



## Energy Production and Reservoir Water Quality

Brings together the regulatory framework driving the need for technical evaluations and the details of tools presently available for assessing energy production

and reservoir water quality.  
2007, Softcover, 376 pp., ISBN 978-0-7844-0896-4  
Stock # 40896, List \$85.00 / ASCE Member \$63.75

## Standard Guideline for Fitting Saturated Hydraulic Conductivity Using Probability Density Functions

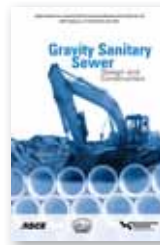
ASCE/EWRI 50-08

## Standard Guideline for Calculating the Effective Saturated Hydraulic Conductivity

ASCE/EWRI 51-08

ASCE/EWRI Standard 50-08 provides current guidelines for fitting saturated hydraulic conductivity using probability density functions. Standard ASCE/EWRI 51-08 addresses the calculation of effective saturated hydraulic conductivity (Ke or Kew) in local-scale groundwater flow, whether or not it is isotropic. Both Standards are bound in the same volume. These are the first in an anticipated series of standards that will address the knowledge of probabilistic characterization and behavior of saturated groundwater conductivity.

2008, Softcover, 36 pp., ISBN 978-0-7844-0993-0  
Stock # 40993, List \$59.00 / ASCE Member \$44.25



## Gravity Sanitary Sewer Design and Construction

Second Edition

ASCE Manuals and Reports on Engineering Practice No. 60 / WEF Manual of Practice No. FD-5

Covers the administrative and organizational phases of sanitary sewer projects, as well as the parameters necessary to establish the design criteria, complete the design, and award a construction contract.

ASCE Press and WEF

2007, Softcover, 400 pp., ISBN 978-0-7844-0900-8  
Stock # 40900, List \$95.00 / ASCE Member \$71.25



## Risk and Reliability Analysis

A Handbook for Civil and Environmental Engineers

Vijay P. Singh,  
Sharad K. Jain, Aditya Tyagi

Risk and uncertainty are unavoidable in the planning,

design, construction, and management of engineering systems. They are also inherent parts of any decision-making process. This practical work covers risk and reliability concepts that apply to a wide array of problems in civil and environmental engineering.

Vijay P. Singh, Ph.D., P.E., is a professor of water engineering at Texas A&M University and editor of ASCE's *Journal of Hydrologic Engineering*. Sharad K. Jain, Ph.D., is a scientist at the National Institute of Hydrology in Roorkee, India. Aditya Tyagi, Ph.D., P.E., is a water resources engineer for CH2M HILL in Austin, Texas.

ASCE Press

2007, Hardcover, 820 pp., ISBN 978-0-7844-0891-9  
Stock # 40891, List \$160.00 / ASCE Member \$120.00



## New Orleans Hurricane Protection System

What Went Wrong and Why

ASCE Hurricane Katrina External Review Panel

"...it's contents are as admirably clear and straightforward as the title."

—John Krist, *Ventura County Star*  
Focuses on the direct physical causes of and contributing factors to the hurricane protection system failures and includes a number of calls to action relating to lessons learned from the disaster.

2007, Softcover, 92 pp., ISBN 978-0-7844-0893-3  
Stock # 40893, List \$29.00 / ASCE Member \$21.75

## Remediation Technologies for Soils and Groundwater

Alok Bhandari, Rao Y. Surampalli,  
Pascale Champagne, Say Kee Ong,  
R. D. Tyagi, Irene M. C. Lo

A comprehensive and thorough overview of conventional engineered processes and technologies used for the remediation of contaminated sites.

2007, Softcover, 456 pp., ISBN 978-0-7844-0894-0  
Stock # 40894, List \$110 / ASCE Member \$82.50

## Application of GIS Technologies in Port Facilities and Operations Management

Neal T. Wright, Jaewan Yoon

Discusses the recent advances in GIS (Geographic Information Systems) technologies and identifies effective GIS techniques for the management of complex port and harbor infrastructure.

2007, Softcover, 82 pp., ISBN 978-0-7844-0869-8  
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## Appropriative Rights Model Water Code

Joseph W. Dellapenna

A hydrologically based legal framework that balances human and environmental needs that integrates the management of water

quality and water quantity, and takes into consideration the appropriate social, economic, political, and administrative aspects of water management.

2007, Softcover, 378 pp., ISBN 978-0-7844-0887-2  
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## Reliability-Based Design of Utility Pole Structures

Manuals and Reports on Engineering Practice No. 111

This manual demonstrates how poles differing in material can be designed to equivalent reliability levels, provides means for quantifying adjusting reliability, offers design incentives for more reliable poles, and facilitates innovation and introduction of new material.

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Stock # 40845, List \$89.00 / ASCE Member \$66.75

## Measurement of Oxygen Transfer in Clean Water

ASCE/EWRI 2-06

The latest methods for measuring the rate of oxygen transfer from diffused gas and mechanical oxygenation devices to water. A complete revision of ASCE/ANSI 2-91, this Standard represents the current consensus of the ASCE Committee on Oxygen Transfer Standards.

2007, Softcover, 48 pp., ISBN 978-0-7844-0848-3  
Stock # 40848, List \$60.00 / ASCE Member \$45.00

## Contaminated Land Investigation, Assessment, and Remediation, 2nd Edition

J. Strange, N. Langdon

This guide lays out the new innovative solutions to achieving cost effective and technically sufficient investigation, assessment, and remediation today.

Thomas Telford, Ltd.

2007, Softcover, 91 pp., ISBN 978-0-7277-3482-2  
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## Water Resources Engineering

Handbook of Essential Methods and Design

Anand Prakash

"The book serves as a good reference for any consulting engineers involved in water resources design and analysis."—Basant Maheshwari, Univ. of Western Sydney, Richmond, *Journal of Irrigation and Drainage Engineering*

Anand Prakash, P.E., is Chief Water Resources Engineer for URS Corporation.

ASCE Press

2004, Hardcover, 352 pp., ISBN 978-0-7844-0674-8  
Stock # 40674, List \$109.00 / ASCE Member \$81.75

## Hydrosystems Engineering Uncertainty Analysis

Yeou-Koung Tung, Ben-Chie Yen

Going beyond unpredictability in geophysical processes such as extreme rainfalls and floods, Tung and Yen address uncertainties arising from imperfect models, imprecise parameters, data errors, and other sources.

ASCE Press and McGraw-Hill

2005, Hardcover, 285 pp., ISBN 978-0-07-145159-8  
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## Standard Guidelines for the Design, Installation, Maintenance, and Operation of Urban Stormwater Systems

ASCE/EWRI 45-, 46-, 47-05

2006, Softcover, 120 pp., ISBN 978-0-7844-0806-3  
Stock # 40806, List \$79.00 / ASCE Member \$59.25

## Standard Guidelines for the Design, Installation, Maintenance, and Operation of Urban Subsurface Drainage

ASCE/EWRI 12-, 13-, 14-05

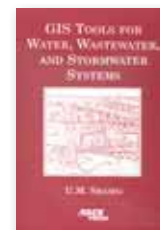
2006, Softcover, 80 pp., ISBN 978-0-7844-0811-7  
Stock # 40811, List \$65.00 / ASCE Member \$48.75

## Advances in Water and Wastewater Treatment

Rao K. Surampalli, K.D. Tyagi

Information on the application of innovative technologies for water and wastewater treatment with an emphasis on the scientific principles for pollutant or pathogen removal.

2004, Softcover, 592 pp., ISBN 978-0-7844-0741-7  
Stock # 40741, List \$121.00 / ASCE Member \$90.75



## GIS Tools for Water, Wastewater, and Stormwater Systems

Uzair Shamsi

A step-by-step approach covering GIS application case studies, examples, and costs associated with hardware,

software, data conversion, and implementation.

ASCE Press

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John W. Gaythwaite, P.E., is president of Maritime Engineering Consultants, Inc., in Manchester, Massachusetts.

ASCE Press

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Walter O. Wunderlich

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ASCE Press

2004, Softcover, 680 pp., ISBN 978-0-7844-0672-4  
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## Advances in Ground Improvement

Research to Practice in the United States and China

Geotechnical Special Publication No. 188

Jie Han, Gang Zheng, Vernon R. Schaefer, Maosong Huang (editors)

This Geotechnical Special Publication contains 33 peer-reviewed technical papers presented at the U.S.–China Workshop on Ground Improvement Technologies held in Orlando, Florida, on March 14, 2009.

2009, Softcover, 322 pp., ISBN 978-0-7844-1025-7  
Stock # 41025, List \$90.00 / ASCE Member \$67.50



## Pavement and Materials

Modeling, Testing, and Performance

Geotechnical Special Publication No. 184

Zhanping You, Ala R. Abbas, Linbing Wang (editors)

This Geotechnical Special Publication includes 11 papers that were presented at the Symposium on Pavement Mechanics and Materials at the Inaugural International Conference of the Engineering Mechanics Institute (EM08) held May 18–21, 2008, in Minneapolis, Minnesota.

2009, Softcover, 164 pp., ISBN 978-0-7844-1008-0  
Stock # 41008, List \$79.00 / ASCE Member \$59.25



## GEO-velopment

The Role of Geological and Geotechnical Engineering in New and Redevelopment Projects

Geotechnical Practice Publication No. 5

Christoph M. Goss, Richard L. Wiltshire, Joels C. Malama, Minal L. Parekh (editors)

From downtown Denver to the beet plants of eastern Colorado and from the sprawling Front Range suburbs to the Rocky Mountain High Country, these papers address the solving of complex geotechnical and environmental challenges, analysis and rehabilitation of dams and reservoirs, earth retention, and geotechnical innovation.

2009, Softcover, 214 pp., ISBN 978-0-7844-1006-6  
Stock # 41006, List \$56.00 / ASCE Member \$42.00

These Geotechnical Special Publications contain papers presented at the International Foundations Congress and Equipment Expo in Orlando, Florida from March 15–19, 2009.



## Contemporary Topics in Deep Foundations

Geotechnical Special Publication No. 185

Magued G. Iskander, Debra F. Laefer, Mohamad H. Hussein (editors)

2009, Softcover, 650 pp., ISBN 978-0-7844-1021-9  
Stock # 41021, List \$110.00 / ASCE Member \$82.50



## Contemporary Topics in In Situ Testing, Analysis, and Reliability of Foundations

Geotechnical Special Publication No. 186

Magued G. Iskander, Debra F. Laefer, Mohamad H. Hussein (editors)

2009, Softcover, 668 pp., ISBN 978-0-7844-1022-6  
Stock # 41022, List \$110.00 / ASCE Member \$82.50



## Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support

Geotechnical Special Publication No. 187

Magued G. Iskander, Debra F. Laefer, Mohamad H. Hussein (editors)

2009, Softcover, 628 pp., ISBN 978-0-7844-1023-3  
Stock # 41023, List \$110.00 / ASCE Member \$82.50



## Cold Regions Pavement Engineering

Guy Doré, Hannele K. Zubeck

Using the latest research from the United States, Canada, and Europe,

the authors supply all the information needed to make wise decisions in situations where freezing temperatures, unstable soil, precipitation, ice, and small populations are complicating factors.

Guy Doré, Ph.D., P.E., is professor of civil engineering at Laval University in Quebec. Hannele K. Zubeck, Ph.D., P.E., teaches civil engineering at the University of Alaska.

ASCE Press & McGraw-Hill

2008, Hardcover, 432 pp., ISBN 978-0-0716-0088-0  
Stock # MC088, List \$175.00 / ASCE Member \$131.25



## Risk Assessment in Geotechnical Engineering

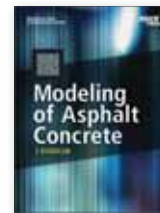
Gordon A. Fenton, D.V. Griffiths

Introduces an innovative reliability-based method for

risk assessment in geotechnical engineering. Building on the finite-element method, the random finite-element method presented in this book allows the reader to create a better model for analyzing the properties and possible failure of a slope, mine shaft, foundation, embankment, or surface soil.

John Wiley & Sons, Inc.

2009, Hardcover, 480 pp., ISBN 978-0-4701-7820-1  
Stock # JW820, List \$145.00 / ASCE Member \$108.75



## Modeling of Asphalt Concrete

Y. Richard Kim (editor)

Written by distinguished experts from around the world, *Modeling of Asphalt Concrete* presents in-depth coverage

of the current materials, methods, and models used for asphalt pavements. Chapters highlight the modeling of asphalt mixes for specific geographic/climatic requirements.

ASCE Press and McGraw-Hill

2008, Hardcover, 460 pp., ISBN 978-0-07-146462-8,  
Stock #MC462, List \$125.00 / ASCE Member \$93.75

## GeoHunan International Proceedings

The papers presented in these new Geotechnical Special Publications were presented at the GeoHunan International Conference, Challenges and Recent Advances in Pavement Technologies and Transportation Geotechnics, held in Changsha, Hunan, China, from August 3–6, 2009.



### Characterization, Modeling, and Performance of Geomaterials

Geotechnical Special Publication No. 189

Xiong Zhang, Xiong Yu, Hongyuan Fu, Jie Zhang (editors)

2009, Softcover, 196 pp., ISBN 978-0-7844-1041-7  
Stock # 41041, List \$60.00 / ASCE Member \$45.00

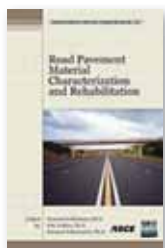


### Asphalt Material Characterization, Accelerated Testing, and Highway Management

Geotechnical Special Publication No. 190

Lubinda F. Walubita, Louw Du Plessis, Shin-Che Huang, Geoffrey S. Simate, Zhaohui Liu (editors)

2009, Softcover, 206 pp., ISBN 978-0-7844-1042-4  
Stock # 41042, List \$60.00 / ASCE Member \$45.00



### Road Pavement Material Characterization and Rehabilitation

Geotechnical Special Publication No. 191

Wynand JvdM Steyn, Kim Jenkins, Mansour Solaimanian (editors)

2009, Softcover, 204 pp., ISBN 978-0-7844-1043-1  
Stock # 41043, List \$60.00 / ASCE Member \$45.00



### Recent Advancement in Soil Behavior, In Situ Test Methods, Pile Foundations, and Tunneling

Geotechnical Special Publication No. 192

Liaqat Ali, Antonio Gomes Correia, Junsheng Yang, Minjiang Tao (editors)

2009, Softcover, 290 pp., ISBN 978-0-7844-1044-8  
Stock # 41044, List \$60.00 / ASCE Member \$45.00



### Material, Design, Construction, Maintenance, and Testing of Pavement

Geotechnical Special Publication No. 193

Dar-Hao Chen, Cindy Estakhri, Xudong Zha, Sheng Zeng (editors)

2009, Softcover, 196 pp., ISBN 978-0-7844-1045-5  
Stock # 41045, List \$60.00 / ASCE Member \$45.00



### Soils and Rock Instrumentation, Behavior, and Modeling

Geotechnical Special Publication No. 194

Louis Ge, Boming Tang, Weihong Wei, Rengpeng Chen (editors).

2009, Softcover, 109 pp., ISBN 978-0-7844-1046-2  
Stock # 41046, List \$60.00 / ASCE Member \$45.00



### Performance Modeling and Evaluation of Pavement Systems and Materials

Geotechnical Special Publication No. 195

Halil Ceylon, Kasthurirangan Gopalakrishnan, Xueyan Liu, Likui Huang (editors)

2009, Softcover, 174 pp., ISBN 978-0-7844-1047-9  
Stock # 41047, List \$60.00 / ASCE Member \$45.00



### New Technologies in Construction and Rehabilitation of Portland Cement Concrete Pavement and Bridge Deck Pavement

Geotechnical Special Publication No. 196

Moon C. Won, Yoon-Ho Cho, Shiraz D. Tayabji, Jianbo Yuan (editors)

2009, Softcover, 176 pp., ISBN 978-0-7844-1048-6  
Stock # 41048, List \$60.00 / ASCE Member \$45.00



### Slope Stability, Retaining Walls, and Foundations

Geotechnical Special Publication No. 197

Louis Ge, Jinyuan Liu, James C. Ni, Zhaoyi He (editors)

2009, Softcover, 252 pp., ISBN 978-0-7844-1049-3  
Stock # 41049, List \$60.00 / ASCE Member \$45.00



## Geotechnical Testing, Observation, and Documentation, Second Edition

*Tim Davis*

This reference guide—designed for use during the investigation, grading, and construction phases of geotechnical projects—has helped thousands of readers understand common laboratory and field tests, classify soil accurately, interpret project recommendations, and document the entire construction monitoring process.

This edition offers new material on topics such as deep foundations, shallow foundations, retaining walls, and loss prevention. Sample test questions appear at the end of every chapter, and a comprehensive case study presents each step of a sample project.

This book is valuable for training new technicians. It also provides a refresher course to veterans and is a study guide for soil technicians preparing to take the NICET or ICC certification exams.

**Tim Davis** is construction inspector with the Construction Management and Inspection Department for Sacramento County, California.

**ASCE Press**

2008, Softcover, 225 pp., ISBN 978-0-7844-0949-7  
Stock # 40949, List \$65.00 / ASCE Member \$48.75



## Geotechnical Baseline Reports for Construction Suggested Guidelines

*Randall J. Essex*

Examines the role of the GBR as a means of allocating and managing subsurface

risks associated with subsurface construction and discusses the importance of ensuring compatibility between the GBR and other contract documents.

2007, Softcover, 72 pp., ISBN 978-0-7844-0930-5  
Stock # 40930, List \$30.00 / ASCE Member \$22.50

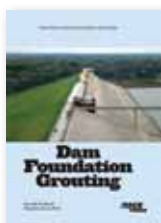
## Pavements and Materials: Characterization, Modeling, and Simulation

Geotechnical Special Publication No. 182

*Zhanping You, Ala R. Abbas, Linbing Wang (editors)*

Contains 16 papers concerning a variety of timely issues in pavement mechanics, including characterization, modeling, and simulation of asphalt mixtures, asphalt pavements, and concrete mixtures.

2008, Softcover, 178 pp., ISBN 978-0-7844-0986-2  
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## Dam Foundation Grouting

Revised and Expanded Edition

*Kenneth Weaver, Donald Bruce*

A state-of-the-practice review of all aspects of drilling and

grouting-based technologies used for dam foundation treatment. The new edition has been revised to reflect contemporary grouting practice and substantially enlarged to include coverage of geologic considerations and address remedial grouting issues.

**Kenneth D. Weaver** is a retired grouting consultant in Fremont, California. **Donald A. Bruce, Ph.D.**, is president of Geosystems, L.P., in Venetia, Pennsylvania.

**ASCE Press**

2007, Hardcover, 504 pp., ISBN 978-0-7844-0764-6  
Stock # 40764, List \$140.00 / ASCE Member \$105.00



## Waste Containment Facilities

Guidance for Construction Quality Assurance and Construction Quality Control of Liner and Cover Systems

Second Edition

*David Daniel, Robert Koerner*

*Waste Containment Facilities* provides technical guidance for the complex task of ensuring construction quality control and assurance of geosynthetics used to contain waste, as well as manufacturing quality assurance and control of these materials.

**David E. Daniel, Ph.D., P.E.**, is the president of the University of Texas at Dallas. **Robert M. Koerner, Ph.D., P.E.**, is emeritus professor of civil engineering at Drexel University and the director of the Geosynthetic Institute.

**ASCE Press**

2007, Hardcover, 368 pp., ISBN 978-0-7844-0859-9  
Stock # 40859, List \$110.00 / ASCE Member \$82.50

## Risk and Variability in Geotechnical Engineering

*M. A. Hicks*

Cutting-edge techniques for characterizing, quantifying, and modeling geomaterial variability in addition to methods for quantifying the influence of this variability on the performance of geotechnical structures.

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## Foundation Engineering Handbook

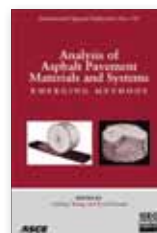
*Robert W. Day*

This practical resource offers complete coverage of foundation engineering, emphasizing the geotechnical

aspects and the use of the 2006 International Building Code and explains how to develop a complete program of foundation investigation, conduct geotechnical field and laboratory studies, and analyze data for the design of foundations.

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2006, Hardcover, 930 pp., ISBN 978-0-07-144769-0  
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## Analysis of Asphalt Pavement Materials and Systems

Emerging Methods

Geotechnical Special Publication No. 176

*Linbing Wang, Eyad Masad (editors)*

Contains 13 papers presented at the Symposium on Mechanics of Flexible Pavements at the 15th U.S. National Congress of Theoretical and Applied Mechanics, held in Boulder, Colorado, June 25–30, 2006.

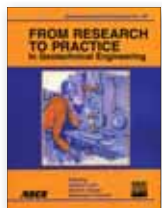
2007, Softcover, 173 pp., ISBN 978-0-7844-0924-4  
Stock # 40924, List \$60.00 / ASCE Member \$45.00

**Sinkholes and the Engineering and Environmental Impacts of Karst**

Geotechnical Special Publication 183

Lynn B. Yuhr, E. Calvin Alexander, Jr., Barry F. Beck (editors)

These 71 papers concerning karst terrain strike a balance between the environmental and engineering aspects of working in karst and sinkhole-prone areas. They reflect a distinct shift to integrated approaches for investigations and the expanding range of available tools. 2008, Softcover, 780 pp., ISBN 978-0-7844-1003-5 Stock # 41003, List \$239.00 / ASCE Member \$179.25



**From Research to Practice in Geotechnical Engineering**  
Geotechnical Special Publication No. 180

James E. Laier, David K. Crapps, Mohamad H. Hussein (editors)

From Research to Practice in Geotechnical Engineering, honors Dr. John H. Schmertmann, Professor Emeritus and P.E., for his contributions to civil engineering. Everyone working in the geotechnical profession will find something interesting and useful herein. 2008, Softcover, 671 pp., ISBN 978-0-7844-0962-6 Stock # 40962, List \$145.00 / ASCE Member \$108.75

**Geotechnical Earthquake Engineering and Soil Dynamics IV**

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David Zeng, Majid T. Manzari, Dennis R. Hiltunen (editors)

Contains 234 papers presented at the conference held May 18–22, 2008 in Sacramento, California. This proceedings covers a broad field of topics in soil dynamics and geotechnical earthquake engineering. 2008, CD-ROM, 978-0-7844-0975-6 Stock # 40975, List \$145.00 / ASCE Member \$108.75

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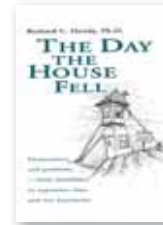
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Richard L. Handy is a distinguished professor emeritus of civil and construction engineering at Iowa State University and founder of Handy Geotechnical Instruments in Madrid, Iowa.

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ASCE Press and John Wiley & Sons, Inc.

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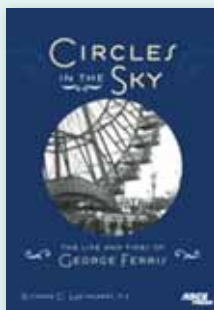
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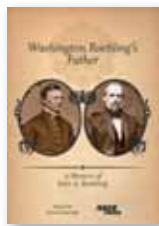
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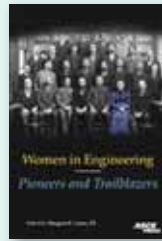
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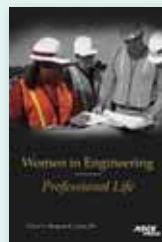
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## Women in Engineering

Professional Life

Margaret E. Layne (editor)

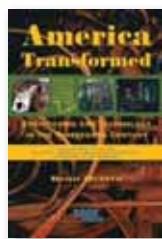
*Women in Engineering: Professional Life* illuminates the professional lives of today’s women engineers through articles, lectures, reports, and essays dating back to the 1920s. The selections in this groundbreaking anthology examine the current state of employment opportunities for women, the gender gap, and opportunities for career advancement for women in engineering. This volume includes reports from the Women’s Bureau of the

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**Margaret E. Layne, P.E.**, is project director of Advance VT, a program created at Virginia Tech to increase the participation and advancement of women in academic science and engineering careers.



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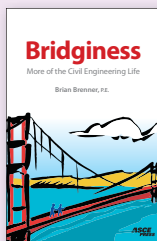
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**Brian Brenner, P.E.**, is a vice president and structural engineer with Fay, Spofford and Thorndike in Burlington, Massachusetts. In 2008, Brian received the Fischer Award, given to the Tufts Engineering School Professor of the Year.

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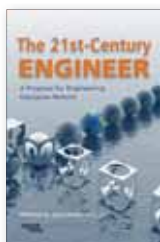
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Sybil Hatch

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F. Mary Williams, Carolyn J. Emerson

Women chasing careers

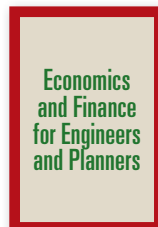
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**F. Mary Williams, Ph.D.**, is director general of the Institute for Ocean Technology of the National Research Council of Canada. **Carolyn J. Emerson, M.Sc.**, owns a consulting business based in St. John's, Newfoundland.

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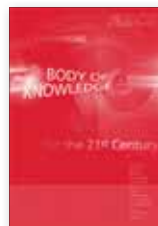
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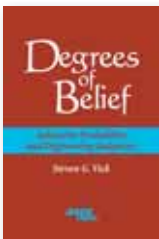
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Stephen G. Vick, P.E., is a geotechnical engineer and consultant in Bailey, Colorado.

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Stuart G. Walesh, Ph.D., P.E., is an independent consultant based in Valparaiso, Indiana.

### ASCE Press

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## Personal Success Strategies

Mel Hensey

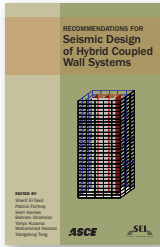
From the author of *Collective Excellence* and *Continuous Excellence* comes the most practical workbook for the individual seeking personal effectiveness and

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This book synthesizes the existing information into helpful recommendations for engineers and practitioners involved with seismic analysis and design of HCW systems. This book offers two methods for system design—a prescriptive design method based on linear elastic analysis and an all-purpose performance-based design method that can be used in conjunction with linear or nonlinear analysis techniques.

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Brian S. Neale (editor)

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Lawrence G. Griffis, Todd Helwig, Mark C. Waggoner, Marc Holt (editors)

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Norbert J. Delatte, Jr., Ph.D., P.E., is an associate professor in the Civil and Environmental Engineering Department of Cleveland State University and the editor of ASCE's *Journal of Professional Issues in Engineering Education and Practice*.

ASCE Press

Forthcoming 2009, Softcover, 424 pp.  
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C. Jerry Wong (editor)

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ASCE/SEI 7-05

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2006, Softcover, 424 pp., ISBN 978-0-7844-0809-4  
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Michael O'Rourke, Ph.D., P.E., is a professor of civil engineering at Rensselaer Polytechnic Institute.

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Emil Simiu, Toshio Miyata

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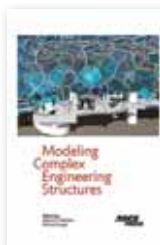
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Leon Kempner, Jr. (editor)

Provides a comprehensive resource for the structural design of outdoor electrical substation structures. This manual offers current recommendations developed by substation structure designers. Utility engineers, structural and electrical engineers, and anyone that works in the field of transmission line substation design will benefit from this manual.

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**Robert E. Melchers, Ph.D.**, is a professor of civil engineering at the University of Newcastle, Australia. **Richard Hough** is a principal in the Sydney office of Arup and a professor of multidisciplinary design at the University of New South Wales, Australia.

### ASCE Press

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David L. Parkinson, Venkatesh Kodur,  
Paul D. Sullivan (editors)

This ASCE Manual presents a new method to improve the design of structural steel for fire conditions. New fire building codes in North America call for a performance-based design approach, application of which has been simplified by this method. This publication covers only two-dimensional thermal responses of structural steel to fires.

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David K. Adams

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ASCE 5-08)

Masonry Standards Joint Committee (MSJC)

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## Designers' Guide to EN 1993-2 Eurocode 3

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C.R. Hendy, C.J. Murphy

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Craig T. Christy, P.E., is the owner of Industry Consulting Engineers of Portland, Oregon.

**ASCE Press**

2006, Softcover, 336 pp. (includes CD ROM), ISBN 978-0-7844-0827-8  
Stock # 40827, List \$75.00 / ASCE Member \$56.25

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R.L. Brockenbrough, Frederick S. Merritt

Mirroring the latest developments in materials, methods, codes, and standards in building and bridge design, this is a one-of-a-kind, definitive reference for engineers.

**ASCE Press and McGraw-Hill**

2006, Hardcover, 800 pp., ISBN 978-0-07-143218-4  
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Jorge de Brito

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Craig Hunting is president of Hunting Design Associates, Inc., Oakland, California.

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Steven J. Brown

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## Automated People Movers 2009

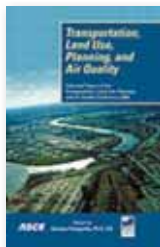
Connecting People,  
Connecting Places,  
Connecting Modes

Robert R. Griebenow (editor)

Automated People Movers 2009 is the twelfth in a series of international conferences

that bring together transportation professionals to share the latest ideas, technology, planning, and projects. This year's theme, "Connecting People, Connecting Places, Connecting Modes," reflects the global focus on the importance of automated transit and its practical applications in urban areas across the world.

2009, Softcover, 624 pp., ISBN 978-0-7844-1038-7  
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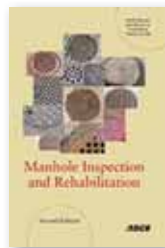
Proceedings of the 2009 Conference

Srinivas S. Pulugurtha  
(editor)

The Transportation Land Use, Planning, and Air Quality Conference 2009, held on July 28 and 29 in Centennial, Colorado, provided a forum to examine the challenges of balancing increases in travel demand with growing air-quality concerns by emphasizing the latest research coordinating the advancements and environmental impacts of transportation.

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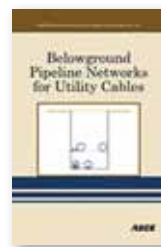
## Inspecting Pipeline Installation

ASCE Manuals and Reports on Engineering Practice No. 117

T. J. Hovland,  
Mohammad Najafi  
(editors)

This manual describes successful construction methods and procedures for installing common types of pipes used to transport water-like fluids. *Inspecting Pipeline Installation* focuses on the needs of field personnel, constructors, and inspectors. This book covers introductory and advanced topics. It provides guidance for those with limited technical backgrounds, as well as those without specific working knowledge of a variety of pipe materials. It assumes the pipeline design is complete, decisions on alternatives are resolved, and the designer's concepts are now ready for conversion to a real project.

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## Buried Flexible Steel Pipe

Design and Structural Analysis

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William R. Whidden (editor)

The goal of this manual is to offer sound information on the structural design and analysis of buried steel pipe—for water and wastewater—consistent with the latest pipe/soil design concepts of the industry. The manual addresses internal pressure design, vacuum and external fluid pressure analysis, and many other nonstandard conditions.

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ASCE Manuals and Reports on Engineering Practice No. 120

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This manual describes technologies used by engineers and transportation professionals in renewing culverts and drainage structures under roads, railroads, airport runways, streets, and similar structures.

2010, Softcover, 120 pp., ISBN 978-0-7844-1068-4  
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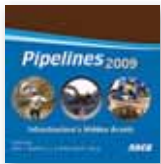


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*William James McCoubrey*  
Motorway Achievement reviews many aspects related to the planning, design, and construction of the 2000 miles of motorway network which connect the key cities and locations across the United Kingdom.

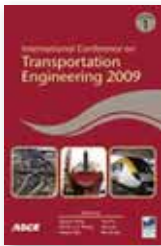
**Thomas Telford, Ltd.**

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Stock # 3198, List \$170.00 / ASCE Member \$127.50



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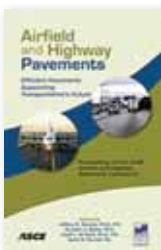
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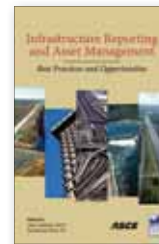
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ISSN: 1084-0702  
 CODE: JBENF2  
 FREQUENCY: Bimonthly  
 ISSUES/YEAR: 6  
 2010 Volume 15  
 YEAR ESTABLISHED: 1996  
 Peer Reviewed

2010 RATES	Institutional		Member	
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ISSN: 0887-381X  
 CODE: JCRGEI  
 FREQUENCY: Quarterly  
 ISSUES/YEAR: 4  
 2010 Volume 24  
 YEAR ESTABLISHED: 1987  
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2010 RATES	Institutional		Member	
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ISSN: 1090-0268  
 CODE: JCCOF2  
 FREQUENCY: Bimonthly  
 ISSUES/YEAR: 6  
 2010 Volume 14  
 YEAR ESTABLISHED: 1997  
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ISSN: 0887-3801  
 CODE: JCCEE5  
 FREQUENCY: Bimonthly  
 ISSUES/YEAR: 6  
 2010 Volume 24  
 YEAR ESTABLISHED: 1987  
 Peer Reviewed

2010 RATES	Institutional		Member	
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Print + Online	\$523	\$553	\$131	\$161
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Online	\$445	\$445	\$111	\$111

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**INTENDED READERSHIP:** All practitioners and professionals involved in the management of construction engineering

**ISSN:** 0733-9364  
**CODE:** JCEMD4  
**FREQUENCY:** Monthly  
**ISSUES/YEAR:** 12  
 2010 Volume 136  
**YEAR ESTABLISHED:** 1875  
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2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$968	\$1,028	\$242	\$302
Print	\$871	\$931	\$218	\$278
Online	\$823	\$823	\$206	\$206

**FORMATS:** Print (Trim Size: 8.5 x 11 inches), Online  
 Printed in the U.S.A. on acid-free paper



## Journal of Energy Engineering

**EDITOR:** Hilary I. Inyang, Ph.D., M.ASCE, University of North Carolina, Charlotte

**DESCRIPTION:** Reports on the latest developments in scientific and engineering knowledge regarding the planning, management, and generation of electrical power. Technical papers present the most current information in such areas as essential components in nuclear power plant safety systems, seismic capacity and the dynamic properties of low-rise shear walls, and ultimate capacities of expansion anchor bolts.

**INTENDED READERSHIP:** Engineers working the areas of fossil, nuclear, and solar power; radioactive waste disposal; hydropower planning and design; development of renewable energy sources; waste-to-energy systems; energy conservation and the environmental effects; and the conservation of natural resources

**ISSN:** 0733-9402  
**CODE:** JLEED9  
**FREQUENCY:** Quarterly  
**ISSUES/YEAR:** 4  
 2010 Volume 136  
**YEAR ESTABLISHED:** 1875  
 Peer Reviewed

2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$336	\$356	\$84	\$104
Print	\$302	\$322	\$76	\$96
Online	\$286	\$286	\$71	\$71

**FORMATS:** Print (Trim Size: 8.5 x 11 inches), Online  
 Printed in the U.S.A. on acid-free paper



## INFORMATION RESOURCES FOR CIVIL ENGINEERS

### Google™ Books

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### Google™ Scholar

All the contents of CEDB are searchable through Google™ Scholar at <http://scholar.google.com>. Google™ Scholar enables you to search specifically for scholarly literature from all broad areas of research and find articles from a wide variety of academic publishers, professional societies, and universities, as well as scholarly articles available across the web.

## Journal of Engineering Mechanics

**EDITOR:** Ross B. Corotis, Ph.D., P.E., S.E., University of Colorado, Boulder

**DESCRIPTION:** Reports on the latest activities in the field of applied mechanics that relate to civil engineering. Research reports cover a broad number of areas that include • bioengineering • computational mechanics • computer-aided engineering • dynamics of structures • elasticity • experimental analysis and instrumentation • fluid mechanics • flow of granular media • inelastic behavior of solids and structures • probabilistic methods • properties of materials • fracture mechanics • stability of structural elements and systems • and turbulence. Papers typically describe the development and implementation of new analytical models, innovative numerical methods, and novel experimental methods and results.

**INTENDED READERSHIP:** Engineers and other professionals engaged in applied mechanics relating to civil engineering

<b>ISSN:</b> 0733-9399 <b>CODE:</b> JENMDT <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$1,211	\$1,271	\$303	\$363	
	Print	\$1,090	\$1,150	\$272	\$332	
	Online	\$1,029	\$1,029	\$257	\$257	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Environmental Engineering

**EDITOR:** Raymond A. Ferrera, Ph.D., Omni Environmental LLC

**DESCRIPTION:** Presents a collection of broad interdisciplinary information on the practice and status of research in environmental engineering science, systems engineering, and sanitation. Papers discuss the design, development, management, and governmental policies of engineering methods, societal impacts of wastewater collection and treatment, and the fate and transport of contaminants in watersheds, surface waters, groundwater, soil, and the atmosphere.

**INTENDED READERSHIP:** Engineers in a variety of disciplines who are involved in and concerned about any aspect of the environmental impacts of engineering

<b>ISSN:</b> 0733-9372 <b>CODE:</b> JOEEDU <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$1,151	\$1,211	\$288	\$348	
	Print	\$1,036	\$1,096	\$259	\$319	
	Online	\$978	\$978	\$245	\$245	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## International Journal of Geomechanics

**EDITOR:** Musharraf M. Zaman, Ph.D., University of Oklahoma

**DESCRIPTION:** Covers various interdisciplinary topics in geomechanics with emphasis on computational methods, constitutive models, laboratory and field testing, and related state-of-the-art practical applications. Topics include • soil and rock mechanics • statics and dynamics of interacting structures and foundations • fluid, oil, and gas flow through porous media • infrastructure and geoenvironmental engineering • natural hazards • petroleum engineering • offshore and marine technology • geological engineering • geothermal energy • and ice mechanics.

**INTENDED READERSHIP:** Civil engineers, geologists, mining, mechanical, offshore and petroleum engineers, scientists, and researchers in geomechanics

<b>ISSN:</b> 1532-3641 <b>CODE:</b> IJGNAI <b>FREQUENCY:</b> Bimonthly <b>ISSUES/YEAR:</b> 6 2010 Volume 10 <b>YEAR ESTABLISHED:</b> 2001 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$494	\$524	\$124	\$154	
	Print	\$445	\$475	\$111	\$141	
	Online	\$420	\$420	\$105	\$105	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Geotechnical and Geoenvironmental Engineering

**EDITOR:** Jonathan P. Stewart, Ph.D., P.E., University of California, Los Angeles

**DESCRIPTION:** Surveys the field of soil mechanics and foundations, placing special emphasis on the relationship between the geologic environment and man-made works through technical papers, practice-oriented papers, and case studies. Coverage includes • foundations • retaining structures • soil dynamics • engineering behavior of soil and rock • site characterization • slope stability • dams • rock engineering • earthquake engineering • environmental geotechnics • geosynthetics • computer modeling • groundwater monitoring and restoration • and coastal and geotechnical ocean engineering. Papers also report new and emerging topics within the general discipline of geotechnical engineering.

**INTENDED READERSHIP:** Practitioners and researchers working in the broad technical area of geotechnical engineering

**ISSN:** 1090-0241  
**CODE:** JGGEFK  
**FREQUENCY:** Monthly  
**ISSUES/YEAR:** 12  
**2010 Volume:** 136  
**YEAR ESTABLISHED:** 1875  
 Peer Reviewed

2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$1,151	\$1,211	\$288	\$348
Print	\$1,036	\$1,096	\$259	\$319
Online	\$978	\$978	\$245	\$245

**FORMATS:** Print (Trim Size: 8.5 x 11 inches), Online  
 Printed in the U.S.A. on acid-free paper



## Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management

**EDITOR:** Rao Y. Surampalli, Ph.D., P.E., DEE, F.ASCE, U.S. Environmental Protection Agency

**DESCRIPTION:** Covers traditional areas of investigation, design, and construction and the related areas of planning, analysis, oversight, operations, regulations, and policy. The periodical presents peer-reviewed reports of actual projects and programs, or technologies on the verge of implementation, as well as emerging regulatory issues of compelling interest to practitioners. Technical papers propose pragmatic approaches and solutions to the problems and challenges faced by professionals in HTRW management who need to keep abreast of current regulatory, technical, and scientific knowledge applicable to their specific areas of practice.

**INTENDED READERSHIP:** Practitioners in consulting firms, engineering construction firms, private industry, and governmental agencies interested in reliable and realistic problem solving

**ISSN:** 1090-025X  
**CODE:** PPHMF8  
**FREQUENCY:** Quarterly  
**ISSUES/YEAR:** 4  
**2010 Volume:** 14  
**YEAR ESTABLISHED:** 1997  
 Peer Reviewed

2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$368	\$388	\$92	\$112
Print	\$331	\$351	\$83	\$103
Online	\$313	\$313	\$78	\$78

**FORMATS:** Print (Trim Size: 8.5 x 11 inches), Online  
 Printed in the U.S.A. on acid-free paper



## Journal of Hydraulic Engineering

**EDITOR:** Terry W. Storm, P.E., M.ASCE, Georgia Institute of Technology

**DESCRIPTION:** Reports on the analysis and solution of problems in hydraulic engineering, hydrology, and water resources. Authors emphasize concepts, methods, techniques, and results that advance knowledge or are suitable for general application and use in topical areas ranging from environmental fluid dynamics to flows in closed conduits to free-surface flows (canals, rivers, lakes, and estuaries). Articles also cover transport processes involving fluids (multiphase flows) such as sediment and contaminant transport as well as heat and gas transfers.

**INTENDED READERSHIP:** Practitioners and applied researchers working in the hydraulic engineering community

**ISSN:** 0733-9429  
**CODE:** JHEND8  
**FREQUENCY:** Monthly  
**ISSUES/YEAR:** 12  
**2010 Volume:** 136  
**YEAR ESTABLISHED:** 1875  
 Peer Reviewed

2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$1,274	\$1,334	\$319	\$379
Print	\$1,147	\$1,207	\$287	\$347
Online	\$1,083	\$1,083	\$271	\$271

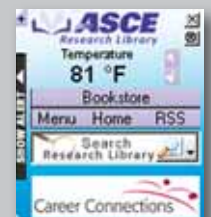
**FORMATS:** Print (Trim Size: 8.5 x 11 inches), Online  
 Printed in the U.S.A. on acid-free paper



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## Journal of Hydrologic Engineering

**EDITOR:** Vijay P. Singh, Ph.D., P.E., P.H., Texas A&M University

**DESCRIPTION:** Disseminates information on the development of new hydrologic methods, theories, and applications to current engineering problems. Papers report the most current analytical, numerical, and experimental methods used for investigation and modeling of hydrological processes. Authors report on how they solved problems in surface water hydrology, vadose zone hydrology, hydrometeorology, stochastic, statistical hydrology, and soil-vegetation-atmospheric interactions.

**INTENDED READERSHIP:** Engineers and researchers interested in solutions to hydrologic engineering problems

<b>ISSN:</b> 1084-0699 <b>CODE:</b> JHYEFF <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 15 <b>YEAR ESTABLISHED:</b> 1996 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$824	\$884	\$206	\$266	
	Print	\$742	\$802	\$185	\$245	
	Online	\$700	\$700	\$175	\$175	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Infrastructure Systems

**EDITOR:** Samer Madanat, Ph.D., P.E., University of California, Berkeley

**DESCRIPTION:** Documents important advances in infrastructure engineering methodologies and technologies, thus describing our ability to monitor, evaluate, expand, repair, replace, finance, or otherwise sustain the civil infrastructure. Peer-reviewed papers of high quality detail these developments across all civil engineering domains in the areas of deterioration science and modeling, assessment methodologies and technologies, renewal engineering, and infrastructure planning and management. Authors provide solutions to complex infrastructure and management problems by developing alternative strategies for infrastructure rehabilitation, allocation of monetary resources among rehabilitation alternatives, innovative infrastructure research, and new mechanisms for infrastructure financing.

**INTENDED READERSHIP:** Engineers and other professionals who practice in sustaining the civil infrastructure

<b>ISSN:</b> 1076-0342 <b>CODE:</b> JITSE4 <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 16 <b>YEAR ESTABLISHED:</b> 1995 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$476	\$496	\$119	\$139	
	Print	\$428	\$448	\$107	\$127	
	Online	\$405	\$405	\$101	\$101	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Irrigation and Drainage Engineering

**EDITOR:** William F. Ritter, Ph.D., P.E., University of Delaware

**DESCRIPTION:** Provides a timely compilation of peer-reviewed research papers on all phases of irrigation, drainage, engineering hydrology, and related water management subjects that include watershed management, weather modifications, water quality, groundwater, and surface water. Research reports and case studies emphasize new developments and case studies detailing the analysis and design of trickle-irrigation laterals • geochemical factors affecting trace element mobility • canal system hydraulic modeling • unsteady-flow modeling of irrigation canals • and unique problems in modeling irrigation canals.

**INTENDED READERSHIP:** Engineers and researchers interested in new developments within the field of irrigation and drainage

<b>ISSN:</b> 0733-9437 <b>CODE:</b> JIDEDH <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$733	\$793	\$183	\$243	
	Print	\$660	\$720	\$165	\$225	
	Online	\$623	\$623	\$156	\$156	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



**NOW MONTHLY**

## Leadership and Management in Engineering

**EDITOR:** Brian R. Brenner, P.E., M.ASCE, Fay Spofford & Thorndike

**DESCRIPTION:** Reports proven real-world approaches and solutions in the areas of project management, marketing, budgeting, strategic planning, conflict management, quality control, performance improvement, team building, information technology and innovation management, negotiation processes, career development, networking, productivity management, incentives, partnering, financial management, knowledge management, risk management, globalization, environmental sustainability, law, and ethics.

**INTENDED READERSHIP:** Engineers seeking reliable management information critical to their success as managers and leaders in industry and the community of civil engineering

<b>ISSN:</b> 1532-6748 <b>CODE:</b> LMEEAZ <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 10 <b>YEAR ESTABLISHED:</b> 2001 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
			U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$264	\$284	\$66	\$86	
	Print	\$238	\$258	\$59	\$79	
	Online	\$224	\$224	\$56	\$56	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Legal Affairs and Dispute Resolution in Engineering and Construction

**EDITOR:** Amarjit Singh, Ph.D., P.E., University of Hawaii at Manoa

**DESCRIPTION:** The mission of the journal is to serve as the technical reference and resource for construction lawyers engaged in public and private practice as well as for design engineers, construction engineers, and executives responsible for successful project administration. The Journal seeks to provide thought-provoking discussions and insight into the legal relationships arising out of the changing nature of project delivery systems, dispute avoidance and resolution, sustainability concerns, and effective project execution. The journal will focus on legal issues, aim to increase the attention given to legal systems during engineering and construction practice, and seek excellence in the application of legal resources for the success of engineering and construction projects.

**INTENDED READERSHIP:** Persons involved in the negotiation, interpretation, and administration of construction contract law, real estate development law, building code administration and enforcement, construction employment law, and academics teaching engineering and construction management

ISSN: 1943-4162

CODE: JLADAH

ISSUES/YEAR: 4

2010 Volume 2

YEAR ESTABLISHED: 2009

Peer Reviewed

### 2010 RATES

	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$298	\$318	\$75	\$95
Print	\$268	\$288	\$67	\$87
Online	\$253	\$253	\$63	\$63

FORMATS: Print (Trim Size: 8-1/2 x 11 inches), Online  
Printed in the U.S.A. on acid-free paper



## Journal of Management in Engineering

**EDITOR:** Makarand Hastak, Ph.D., M.ASCE, CCE, Purdue University

**DESCRIPTION:** Examines contemporary issues associated with management for the 21st century civil engineer. Papers discuss • team building • diversity • partnering • project management • professional practice and development • budgeting and financial learning • recruitment, retention, and training of human resources • career growth and life-long learning • marketing • ethics • technology management • business process reengineering • motivational theory • incentives • organization design • strategic planning • conflict and risk management • globalization • and the role of the civil engineer in the political process at the local, state, and national levels.

**INTENDED READERSHIP:** Practicing consulting engineers involved in management

ISSN: 0742-597X

CODE: JMENEAE

FREQUENCY: Quarterly

ISSUES/YEAR: 4

2010 Volume 26

YEAR ESTABLISHED: 1985

Peer Reviewed

### 2010 RATES

	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$326	\$346	\$82	\$102
Print	\$293	\$313	\$73	\$93
Online	\$277	\$277	\$69	\$69

FORMATS: Print (Trim Size: 8.5 x 11 inches), Online  
Printed in the U.S.A. on acid-free paper



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Coverage includes:

- 65,000 journal papers and technical notes (abstracts from 1970 to the present)—downloadable online papers from 1983 to the present.
- 70,000 proceedings papers (abstracts from 1970 to the present)—downloadable online papers from 2000 to the present.
- 17,000 feature articles (abstracts from 1970 to the present) and editorials from *Civil Engineering Magazine*, *Geo-Strata*, and *ASCE News*.
- 2,200 book abstracts—including standards, committee reports, manuals, proceedings, and ASCE Press titles, including out of print titles (1900–present).

A variety of options are available for obtaining the actual document, including instant downloads of papers and direct links for purchasing books in ASCE Bookstore.

Begin your search at: <http://cedb.asce.org>

## Journal of Materials in Civil Engineering

**EDITOR:** Antonio Nanni, Ph.D., P.E., University of Miami

**DESCRIPTION:** Disseminates information on the development of new civil engineering materials, the processing and field production of those materials, the evaluation of construction materials' properties, and the application and performance of civil engineering materials. High-quality, peer-reviewed papers address topics such as • the mechanics and failure of multi-layer, reinforced membranes • the corrosion of reinforcing steel to fly ash blended concrete • creep of mass concrete at early stages • and predictions of thermal characteristics for mixed porous media.

**INTENDED READERSHIP:** Materials, construction, and production engineers

<b>ISSN:</b> 0899-1561 <b>CODE:</b> JMCEE7 <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 22 <b>YEAR ESTABLISHED:</b> 1989 Peer Reviewed	<b>2010 RATES</b>				
		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$834	\$894	\$209	\$269
	Print	\$751	\$811	\$188	\$248
	Online	\$709	\$709	\$177	\$177
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper				



## Natural Hazards Review

**EDITORS:** Vilas Mujumdar, P.E., S.E., VSM Associates and Kathleen Tierney, F.ASCE University of Colorado, Boulder

**DESCRIPTION:** Brings together engineering and the physical, social, and behavioral sciences within the environment of regulations and policy to provide a forum for cutting-edge, holistic, and cross-disciplinary approaches to natural hazards loss and cost reduction. Topics are diverse and include the characterization of hazard forces and the planning, design, construction, maintenance, performance, and use of structures in the physical environment. Social/behavioral sciences topics address issues related to hazard mitigation and human response plus significant issues about the built environment, land use, building standards, and the role of financial markets and insurance.

**INTENDED READERSHIP:** Civil engineers concerned with the impact and management of natural hazards along with their professional and research colleagues working in pertinent behavioral, physical, and social sciences

<b>ISSN:</b> 1527-6988 <b>CODE:</b> NHREFO <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 11 <b>YEAR ESTABLISHED:</b> 2000 Peer Reviewed	<b>2010 RATES</b>				
		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$336	\$356	\$84	\$104
	Print	\$302	\$322	\$76	\$96
	Online	\$286	\$286	\$71	\$71
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper				



## Journal of Performance of Constructed Facilities

**EDITOR:** Kenneth L. Carper, Ph.D., Washington State University

**DESCRIPTION:** Serves as a forum for the discussion of the causes and costs of performance deficiencies in all aspects of the construction industry. While primarily devoted to structural and geotechnical failure case studies and to investigation techniques related to those fields, the journal's scope includes disciplines other than those normally classified with civil engineering in order to enhance its interdisciplinary character. Papers continue to feature both the causes and costs of catastrophic failures, serviceability problems, other performance challenges, and procedural, as well as technical, causes of failures.

**INTENDED READERSHIP:** Civil engineers in the construction industry along with professionals in allied industries including architects, builders, building owners and managers, attorneys, and/or insurance industry professionals

<b>ISSN:</b> 0887-3828 <b>CODE:</b> JPCFEV <b>FREQUENCY:</b> Bimonthly <b>ISSUES/YEAR:</b> 6 2010 Volume 24 <b>YEAR ESTABLISHED:</b> 1987 Peer Reviewed	<b>2010 RATES</b>				
		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$441	\$471	\$110	\$140
	Print	\$397	\$427	\$99	\$129
	Online	\$375	\$375	\$94	\$94
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper				



## Journal of Pipeline Systems Engineering and Practice

**EDITOR:** Mohammad Najafi, Ph.D., P.E., University of Texas, Arlington

**DESCRIPTION:** The Journal of Pipeline Systems Engineering and Practice is a professional, authoritative technical resource that reports on a broad range of topics including the: planning, engineering, design, construction, renewal, safety, operation and maintenance, asset management, environmental aspects, and sustainability of pipeline systems. An important technical reference for researchers and practitioners from academia, industry, and government, the Journal keeps you current with the latest pipeline methods and technologies.

**INTENDED READERSHIP:** Researchers, and professionals who are interested in the latest pipeline methods and technologies

<b>ISSN:</b> 1949-1190 <b>CODE:</b> JPSEA2 <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 1 <b>YEAR ESTABLISHED:</b> 2010 Peer Reviewed	<b>2010 RATES</b>				
		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$307	\$327	\$77	\$97
	Print	\$276	\$296	\$69	\$89
	Online	\$261	\$261	\$65	\$65
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper				



## Journal of Professional Issues in Engineering Education and Practice

**EDITOR:** Norbert J. Delatte, Ph.D., P.E., Cleveland State University

**DESCRIPTION:** Examines topics of broad professional interest and presents diverse perspectives on engineering management, professional activities, and technical problems. Through peer-reviewed articles, the Journal investigates the relationships between civil engineering and other disciplines while emphasizing the engineer's obligations and responsibilities. Papers highlight social, economic, and ecological implications of technological achievements. This journal illuminates the progress and future directions of civil engineering as a whole, from the promotion of ethics to the impact of infrastructure on the economy.

**INTENDED READERSHIP:** The entire civil engineering community

<b>ISSN:</b> 1052-3928 <b>CODE:</b> JPEPE3 <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>	<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$485	\$505	\$121	\$141
	Print	\$437	\$457	\$109	\$129
	Online	\$412	\$412	\$103	\$103
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper				



## Practice Periodical on Structural Design and Construction

**EDITOR:** Anatol Longinow, Ph.D., P.E., Illinois Institute of Technology; Jamshid Mohammadi, Ph.D., P.E., S.E., Illinois Institute of Technology; Bernard Monahan, P.E., Consulting Civil Engineer; William R. Nash, P.E., McCarthy Building Companies, Inc.; Richard A. Walther, P.E., S.E., Wiss, Janney, Elstner Associates, Inc.

**DESCRIPTION:** Serves as a technical forum for the dissemination of pragmatic information and real-world experiences in solving unique problems, facing difficult challenges, and surviving failures encountered in the planning, design, construction, operation, and maintenance of civil engineering projects. Articles report contemporary approaches to get the job done on a daily basis.

**INTENDED READERSHIP:** Design and construction engineers, consultants, and managers seeking high-quality practical and reliable information for problem solving

<b>ISSN:</b> 1084-0680 <b>CODE:</b> PPSCFX <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 15 <b>YEAR ESTABLISHED:</b> 1996 Peer Reviewed	<b>2010 RATES</b>	<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries
	Print + Online	\$345	\$365	\$86	\$106
	Print	\$311	\$331	\$78	\$98
	Online	\$293	\$293	\$73	\$73
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper				



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## Journal of Structural Engineering

**EDITOR:** Sashi Kunnath, Ph.D., P.E., University of California, Davis

**DESCRIPTION:** Communicates scientific results regarding all aspects of structural design. Peer-reviewed technical papers detail the physical properties of engineering materials related to structural behavior (steel, concrete, and wood), examine methods of analysis, and evaluate the relative merits of various types of structures and methods of fabrication. Practitioners and academics report on a wide range of subjects—design, erection, and safety of structures ranging from bridges to transmission towers and tall buildings; outstanding, innovative, and unique projects; and the impact of natural disasters and recommendations for damage mitigation

**INTENDED READERSHIP:** Engineers, consultants, and professors involved in the science of structural design.

<b>ISSN:</b> 0733-9445 <b>CODE:</b> JSENDH <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries	
	Print + Online	\$1,382	\$1,442	\$364	\$406	
	Print	\$1,244	\$1,304	\$311	\$371	
	Online	\$1,175	\$1,175	\$294	\$294	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Surveying Engineering

**EDITOR:** Tomás Soler, Ph.D., National Geodetic Survey, NOAA

**DESCRIPTION:** Spans the broad spectrum of surveying and mapping functions and activities encountered in modern practice—construction surveys, control surveys, photogrammetric mapping, engineering layout, deformation measurements, precise alignment, and boundary surveying. Technical papers present ongoing developments in these areas such as satellite positioning, spatial database design, and quality assurance. The Journal publishes reports on progress in • information management of geographic information systems • computer applications involving modeling • data structures, algorithms, and information processing • digital mapping • coordinate systems • and cartographic representations.

**INTENDED READERSHIP:** Engineers in the wide-ranging field of surveying

<b>ISSN:</b> 0733-9453 <b>CODE:</b> JSUED2 <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries	
	Print + Online	\$324	\$344	\$81	\$101	
	Print	\$292	\$312	\$73	\$93	
	Online	\$275	\$275	\$69	\$69	
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## Journal of Transportation Engineering

**EDITOR:** Chris Hendrickson, Ph.D., Dist.M.ASCE, Carnegie Mellon University

**DESCRIPTION:** Reports contemporary activities in planning, design, construction, maintenance, and operation of air, highway, and urban transportation, as well as pipeline facilities for water, oil, and gas. Specific topics cover • airport and highway pavement maintenance and performance • management of roads and bridges • traffic management technology • construction and operation of pipelines • economics and environmental aspects of urban transportation systems.

**INTENDED READERSHIP:** Practitioners and researchers in all fields and aspects of transportation engineering

<b>ISSN:</b> 0733-947X <b>CODE:</b> JTPEDI <b>FREQUENCY:</b> Monthly <b>ISSUES/YEAR:</b> 12 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries	
	Print + Online	\$831	\$891	\$208	\$268	
	Print	\$748	\$808	\$187	\$247	
	Online	\$706	\$706	\$177	\$177	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Urban Planning and Development

**EDITOR:** Gang-Len Chang, Ph.D., University of Maryland

**DESCRIPTION:** Reports on the application of civil engineering to aspects of urban planning from area-wide transportation to coordination of the planning and programming of public works and utilities to the development and redevelopment of urban areas. The Journal's content covers a wide range of technical subjects such as environmental assessment, esthetic considerations, land use planning, underground utilities, infrastructure management, renewal legislation, transportation planning, and the evaluation of the economic value of public parks.

**INTENDED READERSHIP:** Practicing engineers, project planners, and engineering and management consultants who seek reliable, high-quality information to support their work

<b>ISSN:</b> 0733-9488 <b>CODE:</b> JUPDDM <b>FREQUENCY:</b> Quarterly <b>ISSUES/YEAR:</b> 4 2010 Volume 136 <b>YEAR ESTABLISHED:</b> 1875 Peer Reviewed	<b>2010 RATES</b>		<i>Institutional</i>		<i>Member</i>	
		U.S.A.	Other Countries	U.S.A.	Other Countries	
	Print + Online	\$358	\$378	\$90	\$110	
	Print	\$322	\$342	\$81	\$101	
	Online	\$304	\$304	\$76	\$76	
	<b>FORMATS:</b> Print (Trim Size: 8.5 x 11 inches), Online Printed in the U.S.A. on acid-free paper					



## Journal of Water Resources Planning and Management

**EDITOR:** Daene C. McKinney, Ph.D., P.E., University of Texas, Austin

**DESCRIPTION:** Examines the administrative, economic, environmental, and social concerns relating to the use and conservation of water. The Journal reports on attempts to achieve environmental and social objectives in such areas as fish and wildlife management, water-based recreation, and wild and scenic river use. Additional discussions cover computer applications within water resource management along with cultural, ecological, and historical values of critical importance.

**INTENDED READERSHIP:** Engineers, researchers, all levels of government officials, and other professionals working in the interdisciplinary field of water resources management

ISSN: 0733-9496  
 CODE: JWRMD5  
 FREQUENCY: Bimonthly  
 ISSUES/YEAR: 6  
 2010 Volume 136  
 YEAR ESTABLISHED: 1875  
 Peer Reviewed

2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$573	\$603	\$143	\$173
Print	\$516	\$546	\$129	\$159
Online	\$487	\$487	\$122	\$122

FORMATS: Print (Trim Size: 8.5 x 11 inches), Online  
 Printed in the U.S.A. on acid-free paper



## Journal of Waterway, Port, Coastal, and Ocean Engineering

**EDITOR:** Vijay Panchang, Ph.D., P.E., Texas A&M University, Galveston

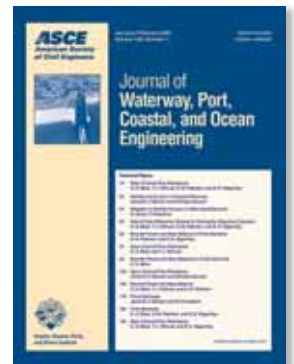
**DESCRIPTION:** Presents the most current reports on the engineering aspects of dredging, floods, ice, pollution, sediment transport, and tidal wave action that affect shorelines, waterways, and harbors. The journal also covers the development and operations of ports, harbors, and offshore facilities, plus deep ocean engineering and shore protection and enhancement. Additional issues include the regulation and stabilization of rivers and the economics of beach nourishment.

**INTENDED READERSHIP:** Civil, structural, environmental, and coastal engineers interested in pragmatic and reliable problem solving

ISSN: 0733-950X  
 CODE: JWPEd5  
 FREQUENCY: Bimonthly  
 ISSUES/YEAR: 6  
 2010 Volume 136  
 YEAR ESTABLISHED: 1875  
 Peer Reviewed

2010 RATES	Institutional		Member	
	U.S.A.	Other Countries	U.S.A.	Other Countries
Print + Online	\$460	\$490	\$115	\$145
Print	\$414	\$444	\$104	\$134
Online	\$391	\$391	\$98	\$98

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 Printed in the U.S.A. on acid-free paper



## Civil Engineering Magazine

**EDITOR:** Anne Elizabeth Powell, American Society of Civil Engineers

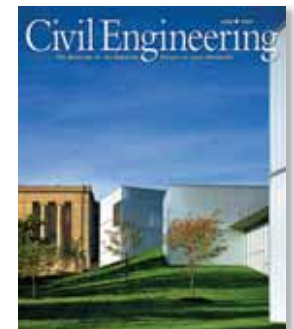
**DESCRIPTION:** Reports on a wide variety of pivotal civil engineering projects and structures that spotlight innovative and surprising solutions to difficult challenges. The magazine provides thought-provoking articles on contemporary issues, legal trends, new technology, and achievements in civil engineering. The award-winning magazine of the American Society of Civil Engineers.

**INTENDED READERSHIP:** The entire civil engineering community

ISSN: 0885-7024  
 FREQUENCY: Monthly  
 ISSUES/YEAR: 12  
 2010 Volume 80

2010 RATES	Institutional	
	U.S.A.	Other Countries
Print	\$230	\$275

Format: Print (Trim Size: 8.5 x 11 inches)



## ASCE News

**EDITOR:** Anne Elizabeth Powell, American Society of Civil Engineers

**DESCRIPTION:** Reports on activities of the Society and its members. Special emphasis is given to member activities, programs, and profiles. The classified section provides up-to-the-minute job listings, new software products, short courses, and more.

**INTENDED READERSHIP:** The entire civil engineering community

ISSN: 0197-4076  
 FREQUENCY: Monthly  
 ISSUES/YEAR: 12  
 2010 Volume 35

2010 RATES	Institutional	
	U.S.A.	Other Countries
Print	\$66	\$90

FORMATS: Print (Trim Size: 11 x 17 inches)



## Transactions of the ASCE 2009, Volume 174

**DESCRIPTION:** Contains abstracts for all ASCE journal papers and technical notes, Civil Engineering magazine feature articles, and other ASCE publications issued during the year. Back issues available: Please contact ASCE at 1-800-548-2723 or 1-703-295-6300. Send e-mail inquiries to marketing@asce.org.

ISSN: 0066-0604  
 FREQUENCY: Annual  
 ISSUES/YEAR: 1  
 2010 Volume 174

2010 RATES	Institutional	
	U.S.A.	Other Countries
Print	\$383	\$408

FORMATS: Print (Trim Size: 6 x 9 inches)

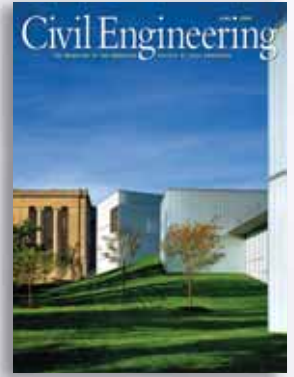
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