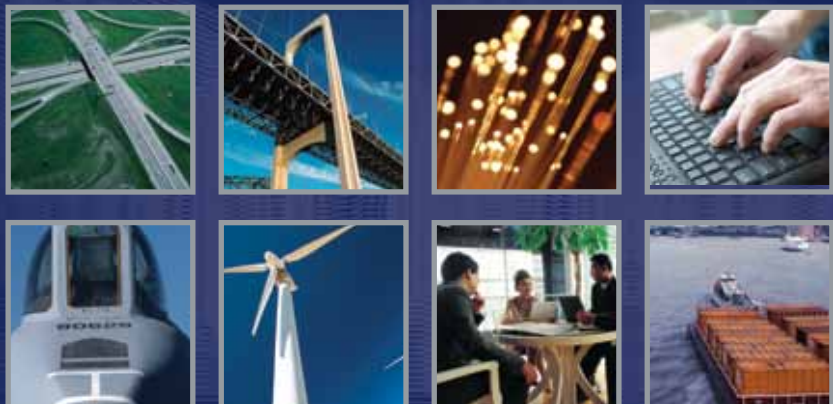


INFORMS PUBLICATIONS



- DECISION ANALYSIS
- INFORMATION SYSTEMS RESEARCH
- INFORMS JOURNAL ON COMPUTING
- INFORMS TRANSACTIONS ON EDUCATION
- INTERFACES
- MANAGEMENT SCIENCE
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A JOURNAL OF THE INSTITUTE FOR OPERATIONS RESEARCH AND THE MANAGEMENT SCIENCES

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Metrics—When and Why Nonaveraging Statistics Work
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A MESSAGE FROM THE DIRECTOR OF PUBLICATIONS

Dear Reader,

INFORMS, a professional society and independent publisher, publishes 12 journals that demonstrate the quality of academic authority in business and engineering specialties. INFORMS journals regularly appear in the top 10 lists of the business, management, operations research and management science, transportation science, and information science subject rankings prepared by Journal Citation Reports, the recognized authority for evaluating scholarly journals.

INFORMS' scholarly journals provide readers with access to the latest applications and theory in the increasingly important field of operations research and the management sciences (OR/MS). These peer-reviewed publications are widely used by academics, faculty, students, and researchers in business and engineering schools. Practitioners of OR/MS who read INFORMS journals are in the military, management consulting groups, marketing, logistics and qualitative departments at corporations and manufacturers.

Leading business publications also recognize the important contributions of INFORMS journals. Among the 20 journals that *BusinessWeek* uses to help rank the nation's best business schools, 4 are INFORMS journals, making INFORMS the most referenced publisher on the *BusinessWeek* list. Similarly, *Financial Times* consults 5 INFORMS journals in its ranking of top MBA programs, tying INFORMS with a leading commercial publisher as most cited.

Eleven INFORMS journals are available in both print and electronic formats. University libraries and institutions can access our electronic journals at <http://institutions.informs.org>. Our open access journal, also peer-reviewed, is published in electronic format only. Additional information about INFORMS journals is available at www.informs.org/Pubs.

In 2008 INFORMS introduced the Journals Archive (1952-1997), which provides access to over 197 total volumes, 1,243 issues, 15,000 articles, and 177,000 pages covering operations research and its historical impact within the archives.

I hope you will find this catalog a useful source of information about our publications. Please contact us at 1-800-446-3676 or 443-757-3500 to learn more about our journals, products and services.

Yours truly,



Patricia S. Shaffer
Director of Publications, INFORMS



<http://da.pubs.informs.org>

DECISION ANALYSIS

In 2004 INFORMS introduced its newest peer-reviewed journal, *Decision Analysis*, dedicated to advancing the theory, application, and teaching of all aspects of decision analysis.

The primary focus of the journal is to develop and study operational decision-making methods. The journal bridges theory and practice, facilitating communication and the exchange of knowledge among decision analysts in academia, business, industry, and government.

Topics covered in *Decision Analysis* include:

- Behavioral Decision Theory
- Behavioral Finance
- Consumer Analysis
- Decision Analysis
- Decision Theory
- Experimental Economics
- Game Theory
- Neuroeconomics
- Operational Decision Making

The *Decision Analysis* audience includes a broad community of those interested in the practical aspects of decision analysis and decision theory which include specialists, practitioners, consultants, and in-house experts within organizations, as well as instructors of decision analysis or decision making courses.

Frequency: Quarterly
 ISSN: 1545-8490 (Print), 1545-8504 (Online)

INFORMATION SYSTEMS RESEARCH (ISR)

Information Systems Research (ISR) is a leading peer-reviewed, international journal of theory, research, and intellectual development focused on information systems in organizations, institutions, the economy, and society. It is dedicated to furthering knowledge in the application of information technologies to human organizations and their management and, more broadly, to improving economic and social welfare.

Topics covered in *Information Systems Research* include:

- Computer-mediated Communication
- Data Communications
- Decision Support Systems
- E-Learning
- Electronic Commerce
- Information Systems Research
- Information Technology
- IT Diffusion and Adoption
- Knowledge Management
- Network Economics
- Outsourcing
- Software Development Methodologies
- Systems Design and Implementation
- Virtual Teams
- Workflow and Process Management

The journal serves the interests of the information systems research and practitioner communities, providing an effective forum for the timely dissemination of research and addressing prominent and topical issues that are relevant to executives in practice.

Frequency: Quarterly
 Institute for Scientific Information (Thomson ISI)
 Social Science Citation Index (SSCI) category: Information Science & Library Science, Management
 ISSN: 1047-7047 (Print), 1526-5536 (Online)



<http://isr.pubs.informs.org>

INFORMS JOURNAL ON COMPUTING (JOC)

INFORMS Journal on Computing publishes a collection of papers on the broad intersection of O.R. and computing.

In addition to research papers, the journal publishes special papers in a variety of forms, including feature articles on timely topics, comprehensive surveys of specific subject areas, and reviews that collect and integrate recent streams of research.

Topics covered in *INFORMS Journal on Computing* include:

- Computational Biology and Medical Applications
- Computational Probability and Analysis
- Computer Science
- Computing
- Constraint Programming and Optimization
- Design and Analysis of Algorithms
- Heuristic Search and Learning
- Knowledge and Data Management
- Modeling: Methods and Analysis
- Simulation
- Telecommunications and E-Commerce

The audience for *INFORMS Journal on Computing* includes academics who teach computer science and O.R. and those in the practice world who benefit from the additional insights that O.R. offers to computer scientists.

Frequency: Quarterly

Institute for Scientific Information (Thomson ISI)

Science Citation Index (SCI) categories: Computer Science, Interdisciplinary Application; Operations Research & Management Science

ISSN: 1091-9856 (Print), 1526-5528 (Online)



<http://joc.pubs.informs.org>



<http://interfaces.pubs.informs.org>

INTERFACES

Interfaces is dedicated to improving the practical application of O.R. to decisions and policies in today's organizations and industries. The journal strives to encourage the exchange of information between O.R. managers and professionals and to inform the academic community about the practice of O.R. in diverse areas such as commerce, industry, government, and education.

Interfaces is the exclusive outlet for the award-winning finalist papers from two prominent best-case competitions, the Franz Edelman Award for Achievement in Operations Research and the Daniel H. Wagner Prize for Excellence in Operations Research.

Topics covered in *Interfaces* include:

- Education
- Finance
- Management Science
- Marketing
- Military
- Management Information Systems
- Novel Applications
- Operations Management
- Operations Research
- Public Sector
- Quality
- Strategy
- Supply Chain Management

The audience for *Interfaces* includes analysts, engineers, project managers, consultants, students, researchers, and educators.

Frequency: Bimonthly

Institute for Scientific Information (Thomson ISI)

Social Science Citation Index (SSCI) category: Management

Science Citation Index (SCI) category: Operations Research & Management Science

ISSN: 0092-2102 (Print), 1526-551X (Online)



<http://mansci.pubs.informs.org>

MANAGEMENT SCIENCE

Management Science is one of the association's flagship publications. Appearing monthly, *Management Science* is a scholarly journal that publishes scientific research of the problems, interests, and concerns of managers.

The scope includes research that addresses management issues using tools from traditional fields, such as OR/MS, mathematics, statistics, industrial engineering, psychology, sociology, and political science, as well as cross-functional, multi-disciplinary research that reflects the diversity of the management science professions.

Topics covered in *Management Science* include:

- Business Strategy
- Decision Analysis
- Entrepreneurship
- Management Science
- Operations
- Optimization and Modeling
- Produce Development
- Simulation
- Social Networks
- Stochastic Models
- Supply Chain Management

Management Science also strives to stimulate research in emerging domains created by economic globalization, public policy shifts, technological improvements, and trends in management practice. Its audience includes academics at business and engineering schools and managers open to the application of quantitative methods in business.

Frequency: Monthly

Institute for Scientific Information (Thomson ISI)

Social Science Citation Index (SSCI) category: Management

Science Citation Index (SCI) category: Operations Research & Management Science

ISSN: 0025-1909 (Print), 1526-5501 (Online)

MANUFACTURING & SERVICE OPERATIONS MANAGEMENT (M&SOM)

Manufacturing & Service Operations Management (M&SOM) is the premier journal of the operations management research community.

Launched in 1999, *M&SOM* publishes a wide range of research related to the production and operations management of goods and services.

Topics covered in *Manufacturing & Service Operations Management* include:

- Control and Improvement
- Operational Decision Making
- Operations Management
- Operations Strategy
- Process Design
- Supply Chain Coordination

The *M&SOM* audience includes the broad community of academic and industry researchers and practitioners who work at the interface of research and implementation.

Frequency: Quarterly

Institute for Scientific Information (Thomson ISI)

Social Science Citation Index (SSCI) category: The Science Citation Index Expanded,

Current Contents/Social & Behavioral Sciences, and Current Contents/Engineering, Computing & Technology

ISSN: 1523-4614 (Print), 1526-5498 (Online)



<http://msom.pubs.informs.org>

MARKETING SCIENCE

Marketing Science, at the upper echelon of business and marketing journals, addresses current questions in marketing and introduces cutting-edge research as well as new insights and approaches to current marketing-related problems. Research is supported by detailed results prepared through rigorous scientific methodology and reviewed by prestigious scholars in the field of marketing science.

Topics covered in *Marketing Science* include:

- Advertising
- Buyer Behavior
- Channels
- Competitive Strategy
- Forecasting
- Marketing
- Marketing Research
- New Product Development
- Pricing
- Promotions
- Sales Force Management
- Segmentation
- Services Marketing
- Targetability

Other subjects include models of consumer perceptions, purchasing behavior, electronic commerce, market research, and interactions between manufacturers and retailers.

The audience for *Marketing Science* includes academics in business schools and marketing professionals who use sophisticated analysis to do market research.

Frequency: Bimonthly

Institute for Scientific Information (Thomson ISI)

Social Science Citation Index (SSCI) category: Business

ISSN: 0732-2399 (Print), 1526-548X (Online)



<http://mktsci.pubs.informs.org>



<http://mor.pubs.informs.org>

MATHEMATICS OF OPERATIONS RESEARCH

Mathematics of Operations Research publishes excellent foundational studies with significant mathematical content and relevance to OR/MS.

Topics covered in *Mathematics of Operations Research* include:

- Continuous Optimization
- Discrete Optimization
- Game Theory
- Machine Learning
- Mathematical Programming
- Operations Research
- Simulation Methodology
- Stochastic Models

Research articles also include innovative and mathematical theories of inventory, manufacturing, and distribution; organization, finance, and marketing; routing, queuing, and scheduling; data and storage management; location, reliability, search, measurement, and service; and artificial intelligence.

The audience for *Mathematics of Operations Research* includes academics at engineering schools, mathematics departments, and research centers.

Frequency: Quarterly

Institute for Scientific Information (Thomson ISI)

Science Citation Index (SCI) category: Mathematics (Applied),

Operations Research & Management Science

ISSN: 0364-765X (Print), 1526-5471 (Online)



<http://or.pubs.informs.org>

OPERATIONS RESEARCH

Operations Research, along with *Management Science*, is an INFORMS flagship journal serving the broad OR/MS community, including practitioners, researchers, educators, and students. *Operations Research* strives to publish results that are truly insightful with substantial scientific contributions that will stand the test of time. Each issue offers a balance of well-written studies that span the wide array of creative activity in OR/MS.

Topics covered in *Operations Research* include:

- Computing and Information Technologies
- Decision Analysis
- Environment, Energy, and Natural Resources
- Financial Engineering
- Marketing Science
- Military and Homeland Security
- Operations Research
- Optimization
- Policy Modeling
- Public Sector O.R.
- Revenue Management
- Simulation
- Stochastic Models
- Supply Chain
- Telecommunications and Networking
- Transportation

Research articles concern the definition of new problem domains for the field, innovative conceptualizations and mathematical formulations of problems, development of new methodologies to attack known and new problems, creative applications of O.R. methods to interesting application areas, and important historical surveys and overviews of the O.R. profession and intellectual heritage.

Frequency: Bimonthly

Institute for Scientific Information (Thomson ISI) Index/Category

Science Citation Index (SCI) category: Operations Research & Management Science

ISSN: 0030-364X (Print), 1526-5463 (Online)

ORGANIZATION SCIENCE

Organization Science is widely recognized as one of the top journals in the fields of strategy, management, and organization theory. The journal publishes groundbreaking research about organizations, including their processes, structures, technologies, identities, capabilities, forms, and performance.

Topics covered in *Organization Science* include:

- Artificial Intelligence
- Communication Theory
- Economics
- History
- Information Science
- Organization Theory
- Political Science
- Psychology
- Sociology
- Strategic Management
- Systems Theory

The audience for *Organization Science* includes students and teachers in business schools and those who consult and advise regarding the behavior of businesses and governmental organizations.

Frequency: Bimonthly

Institute for Scientific Information (Thomson ISI) Index/Category

Social Science Citation Index (SSCI) category: Management

ISSN: 1047-7039 (Print), 1526-5455 (Online)



<http://orgsci.pubs.informs.org>

TRANSPORTATION SCIENCE

Transportation Science is the foremost journal in the field of transportation analysis. The journal features comprehensive, timely articles and surveys that cover all modes of transportation, present and prospective, and researches planning and design issues and the related economic, operational, and social concerns.

Topics covered in *Transportation Science* include:

- Bidding Systems
- Fleet Management
- Inventory Routing
- Logistics
- Risk Pooling
- Transportation Planning
- Transportation Science
- Transportation Systems
- Transportation Systems Design
- Vehicle Routing
- Waiting Strategies

Transportation Science is especially international in scope, with editors from nations around the globe. The audience includes academics teaching quantitative approaches to transportation and practitioners who work on problems in supply chain management, logistics, aviation, railroads, highway traffic, public transportation, and military transport.

Frequency: Quarterly

Institute for Scientific Information (Thomson ISI) Index/Category

Social Science Citation Index (SSCI) category: Transportation

Science Citation Index (SCI) category: Operations Research & Management Science,

Transportation Science & Technology

ISSN: 0041-1655 (Print), 1526-5447 (Online)



<http://transci.pubs.informs.org>

INFORMS TRANSACTIONS ON EDUCATION (ITE)



<http://ite.pubs.informs.org>

INFORMS Transactions on Education is a peer-reviewed, open-access electronic journal on education in management science and operations research. The mission of *INFORMS Transactions on Education* is to advance O.R. education at all levels worldwide.

Topics covered in *INFORMS Transactions on Education* include:

- Teaching of OR/MS Cases
- Impacts of New Technologies
- New Methods of Assessment on OR/MS Education
- Spreadsheet Applications
- Review and Opinion Articles
- Resource Reviews

The electronic format of the journal allows innovations in content and reader involvement not possible in a print journal, such as immediate electronic access to data sets, software, Java applications, interactive graphics, multimedia applications, hypertext links, and full-text searching.

The *INFORMS Transactions on Education* audience includes professors of operations research and management science at engineering and business schools.

Frequency: Three times a year

ISSN: 1532-0545 (Online)

Topics in Operations Research is the INFORMS series of research monographs for O.R. professionals. Visit <http://topicsinor.pubs.informs.org/titles.htm> for pricing information.

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<http://topicsinor.pubs.informs.org>

TutORials—The *INFORMS Tutorials in Operations Research* series—is a collection of tutorials designed for students, faculty, and practitioners that provide in-depth instruction in significant specialties in O.R. The tutorials in this series were presented at INFORMS annual meetings.

These books, which are also available on CD, are designed to cover current trends in applications, methodologies, and the theories of O.R. and contain contributions from some of the preeminent leaders in the field.

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Tutorials Co-Chairs and Volume Editors

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Theodore Klastorin, Tutorials Chair and Volume Editor

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<http://tutorials.pubs.informs.org>

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Each year the finest examples of the practice of operations research are presented for the Franz Edelman Award for Achievement in Operations Research. This award recognizes and honors important use of the operations research in practice and requires that the implemented work has had significant, proven benefits. All presentations are captured on film and made available through the Franz Edelman Award DVDs.

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The ISMS DVD is perfect for the classroom and work place. O.R. professionals and students can use the practice prize DVDs for case studies and classroom examples. The DVDs provide innovative and high-impact PowerPoint presentations that are great for educators or practitioners who are looking for new and exciting ways to illustrate marketing science in action.

Visit <http://marketing.society.informs.org> to find out more about our DVD selection and how to place your order.

INFORMS MAGAZINES

OR/MS Today

INFORMS' member magazine is a bimonthly print publication that provides a comprehensive look at the operations research and management science profession through news stories, feature articles, case studies, software reviews, and surveys. Written by leaders in the field, *OR/MS Today* provides those interested in pursuing a career in operations research and the management sciences an inside look at key happenings within and outside the premier organization for advancing the profession.

Frequency: Bimonthly
ISSN: 1085-1038
Institutional rates available



<http://lionhrtpub.com/ORMS>

Analytics

INFORMS' open-access outreach magazine is produced quarterly in digital format. *Analytics* provides readers with a better understanding of how data, modeling and mathematical analysis is used to drive effective business decisions and provide concrete competitive advantage. Written by leaders in the field, *Analytics* provides a comprehensive look at the overall analytics industry through news articles, features, columns, and departments.

Frequency: Quarterly
ISSN: 1938-1697
Open-access, digital publication



<http://analyticsmagazine.com>

INFORMS JOURNALS ARCHIVE for Institutional Subscribers – 1952-1997

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- Keywords and abstract searching of the entire collection before accessing full-text PDFs,
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Members of INFORMS work in business, government, and academia and represent fields as diverse as aviation, health care, law enforcement, the military, finance, marketing, and telecommunications.

INFORMS serves the scientific and professional needs of O.R. analysts, consultants, scientists, students, educators, and managers, as well as their institutions, by publishing a variety of journals that describe the latest research in O.R.

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