informs COMMUNITIES

WELCOME!

We are so excited that you are interested in learning more about our INFORMS Communities.

At INFORMS, we are dedicated to promoting excellence and innovation in various special interest areas within our Communities. Each Community serves as a platform for enthusiasts, scholars, and experts to share their passion, research, and expertise.

- **Sections** are technical interest groups devoted to advancing the professional interests of members in specialized and technical aspects of our profession.

- **Societies** are the flagship of INFORMS communities. Societies are significantly larger than the sections, chapters, or fora, and focus on a common theme.

- **Forums** bring together colleagues with professional interests that are neither disciplinary nor geographic.

- **Chapters** unite colleagues in particular geographical areas, offer the opportunity to gain immediate access to advances in the field, and establish a personal networking system.

INFORMS Communities are all about celebrating and rewarding excellence! They offer chances to apply for and win awesome awards, including cash prizes, complimentary conference registration, travel grants, recognition, and more. Join us and let your achievements shine!

Add a Community to your INFORMS membership and fill out an application today!

For membership rates and more, please email Beth West at bwest@informs.org.

SECTIONS AND SOCIETIES

Analytics Society

Focuses on promoting the use of data-driven analytics and fact-based decision-making in practice. Recognizes that analytics is seen as both (1) a complete business problem-solving and decision-making process, and (2) a broad set of analytical methodologies that enable the creation of business value.

Applied Probability Society

Promotes the development and use of methods for the improvement of evaluation, control, and design of these systems. Such methods include (stochastic) dynamic programming, queuing theory, Markov decision process, discrete event dynamic systems, point processes, large deviations, reliability, and more.

Artificial Intelligence Section

This section brings together researchers and practitioners interested in the theories, applications, and methodologies of artificial intelligence.

Auctions and Market Design Section

Market mechanisms such as auctions and matching markets are widely used to solve resource allocation problems with multiple decision-makers. Market design is concerned with the design of real-world markets and considers criteria such as allocative efficiency, stability, fairness, truthfulness, and computational complexity.

Aviation Applications Section

Encourages the development and dissemination of applications and research in areas relating to aviation, including, but not limited to, airline planning and operations, air traffic control, airport planning, aviation financial, economic and policy analysis, aviation forecasting, and aviation human factors.

Behavioral Operations Management Section

Provides a continuing, specialized focus within INFORMS aimed at leading the development of research into behavioral dynamics in operations management modeling, policy prescription, and practice.

Computing Society

Major interests include algorithms and software for modeling, optimization, and simulation, as well as the leading edge of computing and how it affects O.R. (e.g., XML modeling standards, O.R. services offered over the web, open source software, constraint programming, massively parallel computing, high performance computing).

Data Mining Society

Promotes and disseminates research and applications among professionals interested in theory, methodologies, and applications in data mining and knowledge discovery.

Decision Analysis Society

Promotes the development and use of logical methods for improving decision-making in public and private enterprise. Such methods include models for decision-making under conditions of uncertainty or multiple objectives; techniques of risk analysis and assessment; experimental and descriptive studies of decision-making behavior; economic analysis of competitive and strategic decisions; techniques for facilitating decision-making by groups; and computer modeling software and expert systems for decision support.

eBusiness Section

Promotes research, teaching, and networking among academics and practitioners in eBusiness technology, theory, measurement, and applications.

Energy, Natural Resources, and the Environment Section

This section promotes the development and application of OR/MS methods, techniques, and tools to the solution of problems relating to Energy, Natural Resources, and the Environment (ENRE), encourages the exchange of information among practitioners in ENRE applications areas, and promotes the maintenance of high professional standards in the application of OR/MS to problem areas in ENRE.

Finance Section

This section provides a continuing, specialized focus within INFORMS on the topic of financial services, with the aim of identifying current and potential problems and contributions to their solutions; to lead in the development, dissemination, and implementation of knowledge, basic and applied research and technologies in the area of finance and financial services; and promote high professional standards and integrity in all work done in the field.

Group Decision and Negotiation Section

Emerges from evolving, unifying approaches to group decision and negotiation processes. These processes are complex and self-organizing involving multiplayer, multicriteria, ill-structured, evolving, dynamic problems.

Health Applications Society

Focuses on the topics of health applications, with the aim of identifying current and potential problems and contributions to their solutions; to lead in the development, dissemination, and implementation of knowledge and advancing the basic and applied research technologies on health applications.

Information Systems Society

Seeks to foster, promote, and disseminate research on the use and impact of information technology in organizations. Provides a forum for researchers and practitioners in information systems to interact and further their interests in the area. Encourages interdisciplinary research by leveraging connections between other societies and colleges within the INFORMS environment.

Location Analysis Section

This section promotes the development of analytical methods, techniques, and tools in the tradition of OR/MS as applied to the study of facility location. "Facility location" is defined as the choice of location(s) for entities at which services are provided in order to optimize measures of efficiency and possibly equity and effectiveness, subject to resource constraints and institutional considerations.

Manufacturing & Service Operations Management Society

Promotes the enhancement and dissemination of knowledge and the efficiency of industrial practice related to the operations function in manufacturing and service enterprises. The methods used to help the operations function add value to products and services are derived from a wide range of scientific fields, including operations research and management science, mathematics, economics, statistics, information systems, and artificial intelligence.

Marketing Science Society

This society fosters the development, dissemination, and implementation of knowledge, basic and applied research, and science and technologies that improve the understanding and practice of marketing.

Military and Security Society

Promotes the development and application of OR/MS/analytics methods, techniques, and tools to the solution of problems in the military and security areas, encourages the exchange of information among practitioners and more interest by practitioners and students, and promotes the maintenance of high professional standards in the application of OR/MS/analytics methods to the military and security areas.

Multiple Criteria Decision Making Section

This section focuses on methodologies such as multiple objective optimization (including goal programming and evolutionary multiobjective optimization) and discrete choice problems (including multi attribute utility theory-based methods, outranking methods, and optimization-based interactive methods), as well as support for the decision-maker and the decision-making process in such problems with computer-based models.

Optimization Society

Promotes the development and application of optimization methods and software tools for the solution of problems in OR/MS, and encourages the exchange of information among practitioners and scholars in the optimization area.

Organization Science Section

This section brings together scholars and practitioners interested in organizational behavior, organization theory, and strategic management to further the theoretical understanding of organizations and help put theory into practice.

The Practice Section

Serves the entire community of full- and part-time practitioners. Concentrates on practical applications, but has wide interests that encompass the full scope of OR/MS methods and fields of application.

Public Sector O.R. Section

This section is dedicated to "doing good with good O.R." by advancing the use of OR/MS in the following areas: public policy, public programs, public safety, public service, and public needs.

Quality, Statistics, and Reliability Section

Comprised of members from industrial engineering, statistics, and business communities from many different countries, this section encourages discussion and interaction among individuals with interest in Quality, Statistics and Reliability research.

Railway Applications Section

Provides a forum to bring together practitioners, consultants, and academics interested in applying operations research (O.R.) and management science techniques to the railroad industry. Promotes the interaction and exchange of ideas among railroad operations research personnel, consultants, and members of academia; explores the potential for increasing railroad productivity through the application of O.R. techniques; and disseminates information regarding current O.R. applications in the rail industry.

Revenue Management & Pricing Section

Advances the development and application of O.R. methods, techniques, and tools as they apply to the field of revenue management; promotes the development and application of revenue management in new industries; encourages the exchange of information among practitioners, users, and researchers in the area of revenue management; and promotes high professional standards in the application of revenue management.

Service Science Section

Promotes and disseminates research and applications among professionals interested in theory, methodologies, and applications in service science, which cuts across the fields of service business strategy and modeling, service operations research and management, information systems, marketing science and analytics, management science, e-commerce and e-business, industrial engineering, and social and cognitive science.

Simulation Society

Organized and operated exclusively for educational and scientific purposes to encourage the development and dissemination of knowledge in the area of simulation, and promotes communication and interaction among individuals and organizations who share an interest in simulation.

Social Media Analytics Section

Brings together: researchers to exchange new analytical methods and discuss newly formed problems; educators at the graduate and undergraduate level to learn about evolving challenges and solutions being developed and bring them back to the classroom; different domains of application of social media to identify potential for the cross-fertilization of ideas; vendors and potential buyers of new tools that analyze social media to encourage innovation; and social media service providers and researchers to promote the exploration of new algorithms.

SpORts Section

The Section on O.R. in Sports (SpORts) promotes and disseminates research and applications among professionals interested in theory, methodologies, and applications of OR/MS to sports problems.

Strategy Science Section

Supports a community of researchers within INFORMS with an interest in questions of business strategy and offers a "big tent" that accommodates scholars across a variety of methodological and theoretical approaches, but who share a concern with enhancing the understanding of key questions in the strategy field.

Technology, Innovation Management & Entrepreneurship Section

Encourages discussion and interaction among individuals with an interest in technology management research. Topics of interest include R&D management, technology and organizational change, technology and strategy, technology and resources, product development, and entrepreneurship.

Telecommunications and Network Analytics

This section provides a forum in which researchers exchange experiences and ideas for innovative network planning, operation, and management. From a methodological perspective, research reported by the membership uses a variety of optimization, simulation, and stochastic models.

Transportation Science & Logistics Society

Provides a sustained, specialized focus on Transportation Science & Logistics topics, including current and potential problems and contributions to their solution, and supports efforts to extend, unify, and integrate related branches of knowledge and practice. The editorial home of one of INFORMS' flagship journals, *Transportation Science*, includes five special interest groups: Air Transportation, Freight Transportation and Logistics, Urban Transportation Planning and Modeling, Facility Logistics, and Intelligent Transportation Systems.

FORUMS

Women in OR/MS

Encourages discussion and interaction among individuals having an interest in the issues facing women and their relationship to the profession of operations research and the management sciences.

Junior Faculty Interest Group

Encourages discussion and interaction among junior faculty in OR/MS.

Military Veterans Interest Forum

Promotes the development and application of OR/MS/analytics methods, techniques, and tools to the solution of problems in the Military Veterans area.

Minority Issues Forum

Fosters minority representation in OR/MS to develop ties between those interested in increasing the number of minority participants in the community. Disseminates information about the issues facing minority researchers and practitioners

PRIDE Forum

Encourages membership of any member of INFORMS who self identifies as Lesbian, Gay, Bisexual, Transgender, Queer, and other (LGBTQ+) community member or an ally of the LGBTQ+ community. An ally is an individual who is not a member of the LGBTQ+ community themselves but is motivated to support and help advance the interests of LGBTQ+ community.

CHAPTERS

Chapters unite colleagues in particular geographical areas, offer the opportunity to gain immediate access to advances in the field, and establish a personal networking system. Explore each one for more information.

U.S. Chapters

Atlanta	**Dallas/Fort Worth**	**Pacific Northwest**	**Rocky Mountain**
Boston	**Houston**	**Philadelphia**	**Southeastern**
Chicago	**New Jersey**	**Pittsburgh**	**Southeastern Michigan**
Cincinnati/Dayton	**New York Metro**	**Richmond/Tidewater**	**Washington, DC**

International Chapters

Korea	**Poland**	**Taiwan**