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DESCRIPTION

The *European Journal of Operational Research (EJOR)* publishes high quality, original papers that contribute to the methodology of **operational research (OR)** and to the practice of **decision making**. *EJOR* contains the following types of papers:

- Invited Reviews, explaining to the general OR audience the developments in an OR topic over the recent years
- Innovative Applications of OR, describing novel ways to solve real problems
- Theory and Methodology Papers, presenting original research results contributing to the methodology of OR and to its theoretical foundations,
- Short Communications, if they correct important deficiencies of papers previously published in *EJOR*

The Theory and Methodology Papers are classified into one of the seven headings:

- Continuous Optimization
- Discrete Optimization
- Production, Manufacturing and Logistics
- Stochastics and Statistics
- Decision Support
- Computational Intelligence and Information Management
- Interfaces with Other Disciplines

In addition to these types of papers, *EJOR* contains Book Reviews.

Benefits to authors

We also provide many author benefits, such as free PDFs, a liberal copyright policy, special discounts on Elsevier publications and much more. Please click here for more information on our [author services](#).

Please see our [Guide for Authors](#) for information on article submission. If you require any further information or help, please visit our [Support Center](#)

AUDIENCE

Researchers and practitioners working in the area of operational research/management science

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GUIDE FOR AUTHORS

INTRODUCTION

Editorial policies

The *European Journal of Operational Research* (EJOR) publishes high quality, original papers that contribute to the methodology of operational research (OR) and to the practice of decision making. The relation with ongoing research should be demonstrated by providing proper reference to the recent OR literature. With application papers, originality should be demonstrated by applying OR to a problem with interesting new aspects or by providing fresh insights leading to successful implementation. Practitioners often suffer from the need to conceal commercial secrets. Referees will take this into sympathetic consideration when advising on an application paper, but it will not be allowed to detract from the clarity of the presentation.

Types of paper

EJOR includes the following types of papers:

• **Theory and Methodology Papers**

Papers presenting original research results contributing to the methodology of OR and to its theoretical foundations. The Theory and Methodology Papers will be classified by the Editors into one of seven sub-headings, based on the List of EJOR Keywords:

1. Continuous Optimization
2. Discrete Optimization
3. Production, Manufacturing and Logistics
4. Stochastics and Statistics
5. Decision Support
6. Computational Intelligence and Information Management
7. Interfaces with Other Disciplines

• **Innovative Applications of OR**

Papers describing novel ways to solve real problems. A paper presenting an Innovative Application of OR may be worthy of publication simply because it can be used to convince managers of the value to be gained by applying OR to particular problems.

• **Short Communications**

Short Communications are considered, only if they correct important deficiencies of papers published in EJOR during the last 5 years.

• **Invited Reviews**

Review papers, submitted by invitation only, which explain to the general OR audience the developments in an OR topic over recent years. An Invited Review may be either on a specific research topic, a tutorial, or a bibliographic survey. Note: Anyone interested in writing a review is requested to suggest a topic to one of the Editors, or to a member of the editorial board of EJOR before submitting a paper. If the topic is considered suitable, an invitation to submit will then be given. Unsolicited review papers will be returned to the authors.

• **Special Issue Papers**

EJOR occasionally publishes groups of papers on topical themes. Submissions are handled by one or more Guest Editors. Special issues that are open for new submissions will each have their own paper type available in the submission system. Please visit the current list of [Calls for Papers](#) to see which special issues are open for new submissions.

Advice from the Editors

EJOR has a very high volume of submissions and acceptance is competitive. Therefore, papers that do not contain a major new research finding, or novel approach to the application of OR, are likely to be rejected. A paper may also be rejected because- in the opinion of the Editor- it does not make a sufficient scientific contribution.

All papers will be subject to an initial screening and technical check by the Journals Managing Editor. Please carefully read the guidelines for **NEW SUBMISSIONS**, below. If your article is written in poor English or does not contain all of the required components, it will not progress to peer review stage.

Articles that do not pass the Managing Editors screening or do not conform to the Editorial Policy are likely to be rejected without peer review.

• **Are you making a new submission?**

All papers will be screened by EJORs Managing Editor to make sure they conform to the Journals requirements. Please carefully read the **PREPARATION** section of this Guide for Authors for more details on each of the required components for New Submissions. We recommend you check this even if you have submitted to EJOR recently, as some requirements may have changed.

• **Has your submission been returned by the Managing Editor?**

The Editorial Policy of EJOR is such that your paper will not be able to progress to peer review until it is of a good standard of English and contains all of the required components. If you have received the message Send Back to Author then your paper has not passed the technical checks and unfortunately does not comply with one or more of the Journals policies. Please read the Managing Editors feedback carefully to establish the reason your paper was returned, then consult the relevant **PREPARATION** section below for more information on how to improve and progress your paper.

• **Have received an Editorial decision of Revise?**

If an Editor has made the decision that you need to revise your paper, for example Minor Revision or Major Revision, please carefully read the decision letter and any Editor and reviewer comments in order to make the required changes to your paper. When you are ready to resubmit, visit the **REVISED SUBMISSIONS** section. It contains advice, and details of the extra components required with your resubmission.

BEFORE YOU BEGIN

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Please see our information pages on [Ethics in publishing](#) and [Ethical guidelines for journal publication](#).

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PREPARATION

NEW SUBMISSIONS

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If your source files are in LaTeX, please visit our [LaTeX site](#).

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Your article will be screened by EJORs Managing Editor and must conform to the following guidelines in order to progress:

1. Standard of English

Please write your text in good English (American or British usage is accepted, but not a mixture of these). Authors who feel their English language manuscript may require editing to eliminate possible grammatical or spelling errors and to conform to correct scientific English may wish to use the English Language Editing service available from Elsevier's WebShop.

Papers written in poor English will immediately be returned to the authors.

2. Article format

• Page extent

The article should not exceed 30 pages (or 10 pages for Short Communications).

If necessary, Appendices can be uploaded as Supplementary Materials

• Format of text

The article should be A4 or letter size, in single column pages, with 11pt font and 1.5 line spacing.

Please do not use double column format or line numbering; line numbers will be added to your paper by the submission system.

• Figures and tables

Please ensure that figures and tables embedded in the single manuscript file are placed next to the relevant text in the article, not at the bottom or top of the file.

Figures should be of a high enough quality for refereeing.

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For accepted articles, the journals reference style will be applied by Elsevier at proof stage.

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The structure should be easy to follow. Sections should be clearly defined and numbered, with headings on separate lines.

Please include the following sections, taking into account the requirements for each:

• **Title Page**

Article Title. Please avoid formulae wherever possible. Abbreviations and acronyms are not permitted.

All author names and affiliations, including email addresses and postal addresses.

Clearly indicate which author is the **corresponding author**.

• **Abstract**

A 50-250 word summary of the article.

Please do not include formulae.

Please do not include unqualified abbreviations or acronyms.

Any abbreviation or acronym that you have defined in the abstract should be redefined in the manuscript text.

• **Keywords**

The first keyword should be selected from the list of EJOR Keywords.

Please note that the first keyword should also be **entered separately under Section/Category in the submission system**.

Please include up to 4 additional keywords of your choice.

4. Supplementary materials

If your article contains any videos or other supplementary materials, these should be included in your initial submission for peer review purposes.

Please upload supplementary materials as separate files. Note that they will be available in the online version only.

File inventory for New Submissions

Mandatory

- Manuscript file in PDF or Word format

Optional

- Cover letter
- Manuscript source files
- Graphical abstract*
- Highlights*
- Supplementary materials*

Checklist for New Submissions

Before submitting a new manuscript to EJOR, please ensure that your article:

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- Has figures and tables embedded next to relevant text
- Includes a Title Page, containing all of the essential title page information*
- Includes one keyword from the list of EJOR Keywords and no more than 4 additional keywords
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- Does not contain formulae or unqualified abbreviations or acronyms in the Abstract
- Does not contain unqualified abbreviations or acronyms in the main text
- Uses a consistent, complete format for references
- Is in a single PDF or Word document (source files and/or supplementary materials* can be uploaded separately if needed)

*Please see the relevant sections in **MORE INFORMATION** for details.

Peer review

This journal operates a single blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. [More information on types of peer review.](#)

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At revision stage, several additional components are needed. These should be submitted as separate files:

• **Highlights**

A short collection of bullet points that convey the core findings of the article.

Please see the Highlights section in **MORE INFORMATION** for details.

• **Comments to reviewers**

A separate document containing author responses to each of the Editor and/or reviewer queries and suggestions.

• **Manuscript source files**

Regardless of the file format of the original submission, at revision stage authors must provide editable files of the entire manuscript.

These source files (e.g. Word, LaTeX) are required to typeset your article for final publication, in the event that an editorial decision of "Accept" is later made.

Revised submissions: file inventory

Mandatory

- Manuscript file, with changes clearly shown
- Highlights*
- Comments to reviewers
- Manuscript source files

Optional

- Cover letter
- Graphical abstract*
- Supplementary materials*

Revised submissions: checklist

Before submitting a revised manuscript to EJOR, please ensure that your article (still):

- Conforms to Elsevier's Ethical Guidelines for Journal Publication
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- Does not exceed 30 manuscript pages (or 10 pages if a Short Communication)
- Uses single column formatting, 11pt font, 1.5 line spacing, and has no line numbers
- Has figures and tables embedded next to relevant text
- Includes a Title Page, containing all of the essential title page information*
- Includes one keyword from the list of EJOR Keywords and no more than 4 additional keywords
- Does not contain formulae, abbreviations or acronyms in the Title
- Does not contain formulae or unqualified abbreviations or acronyms in the Abstract
- Does not contain unqualified abbreviations or acronyms in the main text
- Uses a consistent, complete format for references
- **Shows changes made to the manuscript**

- Includes a separate **Highlights*** file
- Includes a separate **Comments to Reviewers** file
- Includes separate source files

*Please see the relevant sections in **MORE INFORMATION** for details.

MORE INFORMATION

Essential title page information

- **Title.** Concise and informative. Titles are often used in information-retrieval systems. Abbreviations, formulae and acronyms are not permitted.
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A concise and factual abstract of between 50 and 250 words is required for all New and Revised Submissions. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, References should be avoided, but if essential, then cite the author(s) and year(s).

Abstracts should not contain any formulae, or any unqualified abbreviations or acronyms. Abbreviations and acronyms used and defined within the abstract should be defined for a second time within the manuscript main text.

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Although a graphical abstract is optional, its use is encouraged as it draws more attention to the online article. The graphical abstract should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership. Graphical abstracts should be submitted as a separate file in the online submission system. Image size: Please provide an image with a minimum of 531 × 1328 pixels (h × w) or proportionally more. The image should be readable at a size of 5 × 13 cm using a regular screen resolution of 96 dpi. Preferred file types: TIFF, EPS, PDF or MS Office files. You can view [Example Graphical Abstracts](#) on our information site.

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Highlights must not contain acronyms, abbreviations, or formulae.

Keywords

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The letters before the keywords represent the Editor who will receive the paper, if it progresses through the initial screening process.

Codes of Editors: (I) - Immanuel Bomze; (B) - Emanuele Borgonovo; (D) - Robert Dyson; (O) - José Fernando Oliveira; (S) - Roman Slowinski; (T) - Ruud Teunter

List of EJOR keywords

- (D) Analytics
- (I) Applied probability
- (S) Artificial intelligence
- (S) Assignment
- (D) Auctions/bidding
- (D) Behavioural OR
- (I) Bioinformatics
- (S) Branch and bound
- (O) Combinatorial optimization
- (D) Community operational research
- (S) Complexity theory
- (B) Computing science
- (I) Conic programming and interior point methods
- (O) Constraint programming
- (I) Control
- (I) Convex programming
- (D) Cost benefit analysis
- (O) Cutting
- (D) Data envelopment analysis
- (I) Data mining
- (B) Decision analysis
- (D) Decision processes
- (S) Decision support systems
- (B) Distributed decision making
- (O) Distribution
- (S) Dynamic programming
- (D) E-commerce
- (O) Education
- (D) Ethics in OR
- (S) Evolutionary computations
- (I) Facilities planning and design
- (B) Finance
- (O) Flexible manufacturing systems
- (T) Forecasting
- (I) Fractional programming
- (S) Fuzzy sets
- (I) Game theory
- (O) Genetic algorithms
- (I) Global optimization
- (S) Goal programming
- (I) Graph theory
- (S) Group decisions and negotiations
- (O) Heuristics
- (D) Human resource planning
- (O) Humanitarian logistics
- (B) Integer programming
- (T) Inventory
- (B) Investment analysis
- (S) Knowledge-based systems
- (I) Large scale optimization
- (I) Linear programming
- (O) Location
- (T) Logistics
- (T) Maintenance
- (T) Manufacturing
- (I) Markov processes

- (O) Metaheuristics
- (D) Multi-agent systems
- (S) Multiple criteria analysis
- (S) Multiple objective programming
- (I) Multivariate statistics
- (I) Networks
- (I) Nonlinear programming
- (D) OR in agriculture
- (I) OR in airlines
- (B) OR in banking
- (T) OR in defence
- (O) OR in developing countries
- (O) OR in disaster relief
- (I) OR in energy
- (B) OR in entertainment
- (D) OR in environment and climate change
- (D) OR in government
- (O) OR in health services
- (O) OR in maritime industry
- (D) OR in marketing
- (S) OR in medicine
- (D) OR in natural resources
- (B) OR in organization theory
- (D) OR in research and development
- (I) OR in scientometrics
- (O) OR in service industries
- (D) OR in societal problem analysis
- (D) OR in sports
- (I) OR in telecommunications
- (O) Packing
- (S) Preference learning
- (D) Pricing
- (D) Problem structuring
- (O) Production
- (D) Productivity and competitiveness
- (B) Project management
- (S) Project scheduling
- (T) Purchasing
- (I) Quality control
- (T) Quality management
- (I) Queueing
- (B) Reliability
- (I) Replacement
- (O) Retailing
- (D) Revenue management
- (B) Risk analysis
- (B) Risk management
- (B) Robustness and sensitivity analysis
- (S) Rough sets
- (T) Routing
- (B) Scenarios
- (S) Scheduling
- (I) Semi-infinite programming
- (B) Simulation
- (I) Stochastic processes
- (I) Stochastic programming
- (D) Strategic planning
- (T) Supply chain management
- (D) System dynamics
- (O) Timetabling

- (I) Traffic
- (O) Transportation
- (O) Travelling salesman
- (B) Uncertainty modelling
- (B) Utility theory
- (O) Validation of OR Computations

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