MOR Journal EDITORIAL POLICY

Military Operations Research seeks to publish articles that describe operations research (OR) methodologies and theories used in key military applications. We specifically invite papers that present significant military OR applications. Of particular interest are papers that present case studies showing innovative OR applications, apply OR to major policy issues, introduce interesting problem areas, highlight educational issues, and document the history of military OR.

All submissions must include a statement of the major contribution. For applications articles, authors should submit a **letter** to the editor that includes excerpts to be published with the paper from a **senior decision-maker** (government or industry) stating the benefits received from the analysis described in the paper.

To facilitate the review process, authors should categorize their article by **application area** and **OR method**, as described in Table 1. Additional categories may be added.

INSTRUCTIONS TO *MILITARY OPERATIONS RESEARCH* AUTHORS

The purpose of these instructions is to expedite the review and publication process. If you have any questions, please contact Joan Taylor, MORS Technical Editor (joan@mors.org).

General

Authors should submit their manuscripts and associated materials by email to Dr. Richard F. Deckro, Editor, richard.deckro@afit.edu **AND** to joan@mors.org. Microsoft Word and Adobe Acrobat are the preferred file formats.

Per the editorial policy, please provide:

- Author statement of contribution (briefly describe the article's major contribution)
- Letter from a senior decision-maker (application articles only)
- Military OR application area(s)
- OR methodology (or methodologies)

Length of Papers

Submissions should range from 10 to 35 pages (double spaced, 12-point font), including illustrations. Exceptions will be made for applications articles submitted with a senior decision-maker letter signed by the Secretary of Defense.

Please use the following format for dividing the paper into sections and subsections:

SECTION TITLE

The major sections of the paper will be capitalized and be in bold type.

Title of Subsections. If required, major sections may be divided into subsections. Each subsection title will be bold type and Title Case.

Title Subsection of a Subsection. If required, subsections sections may be divided into subsections. Each subsection title will be Title Case. Bold type will not be used.

TABLE 1: APPLICATION AREAS AND OR METHODS

Composite Group	Application Area	OR Method
Strategic and Defense	• Strategic Operations • Nuclear Biological Chemical Defense • Arms Control and Proliferation • Air and Missile Defense	**Deterministic Operations Research** • Dynamic Programming • Inventory • Linear Programming Multiobjective Optimization Network Methods • Nonlinear Programming
Space/C4ISR	• Operational Contribution of Space Systems Battle Management/Command and Control ISR and Intelligence Analysis • Information Operation/Information Warfare • Countermeasures • Military Environmental Factors	**Probabilistic Operations Research** • Decision Analysis Markov Processes Reliability Simulation Stochastic Processes Queuing Theory
Joint Warfare	• Unmanned Systems • Land and Expeditionary Warfare • Littoral Warfare and Regional Sea Control • Strike Warfare • Air Combat Analysis and Combat ID Special Operations and Irregular Warfare Joint Campaign Analysis	
Resources	• Mobility and Transport of Forces Logistics, Reliability and Maintainability Manpower and Personnel	**Applied Statistics** • Categorical Data Analysis Forecasting/Time Series Multivariate Analysis Neural Networks • Nonparametric Statistics • Pattern Recognition • Response Surface Methodology
Readiness and Training	• Readiness • Analytical Support to Training Casualty Estimation and Force Health Protection	
Acquisition	• Measures of Merit Test and Evaluation Analysis of Alternatives Cost Analysis • Decision Analysis	
Advances in Military OR	• Modeling, Simulation and Wargaming • Homeland Defense and Civil Support • Computing Advances in Military OR • Warfighter Performance and Social Science • Methods • Warfighting Experimentation	**Others** • Advanced Computing Advanced Distributed Systems (DIS) • Cost Analysis • Wargaming

Paper Electronic Submission with Figures, Graphs and Charts

After the article is accepted for publication, an electronic version of the manuscript must be submitted in **Microsoft Word**. For each figure, graph, and chart, please include a camera-ready copy on a separate page. All figures must be in **grayscale**. The figures, graphs, and tables should be of sufficient size (300 dpi at full size) for the reproduced letters and numbers to be legible. Each illustration must be numbered and include a caption.

Mathematical and Symbolic Expressions

Authors should put mathematical and symbolic expressions in Microsoft Word or MathType equations. Lengthy expressions should be avoided.

Approval of Release

All submissions must be unclassified and be accompanied by release statements where appropriate. By submitting a paper for review, an author certifies that the manuscript has been cleared for publication, is not copyrighted, has not been accepted for publication in any other publication, and is not under review elsewhere. All authors will be required to sign a copyright agreement with MORS.

Abbreviations and Acronyms

Abbreviations and acronyms must be identified at their first appearance in the text. The abbreviation or acronym should follow in parentheses the first appearance of the full name. To help the general reader, authors should minimize their use of acronyms. If required, a list of acronyms can be included as an appendix.

Footnotes

We do not use footnotes. Parenthetical material may be incorporated into a notes section at the end of the text, before the acknowledgment and references sections. Notes are designated by a superscript letter at the end of the sentence.

Acknowledgements

If used, this section will appear before the references.

Author Statement

Any statement the author deems necessary to show ownership of paper while removing the formal organization. Example: (1) The views expressed in this paper are those of the author(s) and do not reflect the official policy or position of the [Insert Military Branch], Department of Defense or the US Government. (2) This paper is not a product of [Insert Organization Name].

References

References should be cited with the authors and year. For example, one of the first operations research texts was published with several good military examples (Morse & Kimball, 1951).

References should appear at the end of the paper. The references should be unnumbered and listed in alphabetical order by the name of the first author. Please use the following format:

For journal references, give the author, year of publication, title, journal name, volume, number, and pages. For example:

Harvey, R. G., Bauer, K. W., and Litko, J.R. 1996. Constrained System Optimization and Capability Based Analysis, *Military Operations Research*, Vol 2, No 4, 5-19.

For book references, give the author, year of publication, title, publisher, and pages-for example: Morse, P. M., and G. E. Kimball. 1951. *Methods of Operations Research*. John Wiley, 44-65.

For references to working papers or dissertations cite the author, title, type of document, department, university, and location, for example:

Rosenwein, M. 1986. *Design and Application of Solution Methodologies to Optimize Problems in Transportation Logistics*. Ph.D. Dissertation. Department of Decision Sciences, University of Pennsylvania, Philadelphia.

Appendices

If used, this section will appear after the references.