MOR Journal EDITORIAL POLICY

The title of our journal is *Military Operations Research*. We are interested in publishing articles that describe *operations research* (OR) methodologies and theories used in key *military* applications. We specifically invite papers that are 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 new 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 are requested to submit a **letter** to the editor — 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 are requested to categorize their articles 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 the "instructions to *Military Operations Research* authors" is to expedite the review and publication process. If you have any questions, please contact Joan Taylor, technical editor for the *MOR* Journal at joan@mors.org.

General

Authors should submit their manuscripts (3 copies) to:

Dr. Richard F. Deckro
Editor, *Military Operations Research*
Military Operations Research Society
1703 N. Beauregard Street, Suite 450
Alexandria, VA 22311

Alternatively, manuscripts may be submitted electronically in Microsoft Word or Adobe Acrobat by emailing the manuscript and associated materials to richard.deckro@afit.edu **AND** to morsoffice@mors.org.

Per the editorial policy, please provide:

- authors statement of contribution (briefly describe the major contribution of the article)
- letter from senior decision-maker (application articles only)
- military OR application area(s)
- OR methodology (ies)

TABLE 1: APPLICATION AREAS & OR METHODS

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

Length of Papers

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

The following format will be used for dividing the paper into sections and subsections:

TITLE OF SECTIONS

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 be Title Case.

a. 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.

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 or Acrobat. For each figure, graph, and chart, please include high-resolution copy on a separate page. The figures, graphs, and tables should be of sufficient size for the reproduced letters and numbers to be legible. Each illustration must have a caption and a number. *MOR Journal* is published in black and white.

Mathematical and Symbolic Expressions

Authors should put mathematical and symbolic expressions in Microsoft Word or Acrobat 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 (A&A) 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.