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Aims and Scope

**Systems Engineering** is a discipline whose responsibility it is to create and operate technologically enabled systems that satisfy stakeholder needs throughout their life cycle. Systems engineers reduce ambiguity by clearly defining stakeholder needs and customer requirements, they focus creativity by developing a system's architecture and design and they manage the system's complexity over time. Considerations taken into account by systems engineers include, among others, quality, cost and schedule, risk and opportunity under uncertainty, manufacturing and realization, performance and safety during operations, training and support, as well as disposal and recycling at the end of life. The journal welcomes original submissions in the field of Systems Engineering as defined above, but also encourages contributions that take an even broader perspective including the design and operation of systems-of-systems, the application of Systems Engineering to enterprises and complex socio-technical systems, the identification, selection and development of systems engineers as well as the evolution of systems and systems-of-systems over their entire lifecycle.

**Systems Engineering** integrates all the disciplines and specialty groups into a coordinated team effort forming a structured development process that proceeds from concept to realization to operation. Increasingly important topics in Systems Engineering include the role of executable languages and models of systems, the concurrent use of physical and virtual prototyping, as well as the deployment of agile processes. Systems Engineering considers both the business and the technical needs of all stakeholders with the goal of providing a quality product that meets the user needs. Systems Engineering may be applied not only to products and services in the private sector but also to public infrastructures and socio-technical systems whose precise boundaries are often challenging to define.

Call for Papers

**Systems Engineering**, the Journal of the International Council on Systems Engineering (INCOSE), has been published quarterly since 1997 by John Wiley and Sons, Inc., Hoboken, NJ 07030, U.S.A. It is the most focused, respected and forward-looking global archival publication for Systems Engineering and related fields. We seek high quality contributions from academic, industrial and government researchers and practitioners around the world in order to document and advance the state-of-the-art of Systems Engineering. INCOSE membership is not necessary to contribute to the journal.

Submissions should be in English and can take the following forms:

- **Regular Papers** are 10–15 published pages in length and represent a novel contribution that advances the state-of-the-art as a result of original research. Case studies based on practice in industry are also encouraged and published under this category.
- **Communications** are typically 3–5 published pages in length and may include responses to earlier published papers, book reviews, corrigenda, interviews and sharing of very recent emerging and important results.
- **Editorials** are 1–2 published pages in length and are typically written by members of the editorial board or invited guest editors.

Authors who wish to publish their contributions in Systems Engineering should first ensure that their manuscripts conform to the guidelines published on the journal's website located in the Wiley Online Library (click on Author Guidelines) and then submit their completed files to Manuscript Central at:

http://mc.manuscriptcentral.com/sys

During initial submission the manuscript should be classified by at least one of the theory and practice areas (SEE01 through SEE29) and one of the application sectors (AS01 through AS09) within Systems Engineering. This classification will facilitate the selection of the most appropriate and knowledgeable Associate Editor and referees for peer review. Every contribution will then be assigned to an Associate Editor and will undergo a rigorous peer review process with comments provided by at least three anonymous referees. Authors will normally be notified of an initial decision within 6–8 weeks after initial submission. All submissions and correspondence will be handled through Manuscript Central. Paper submissions and email attachments will not be accepted.

Occasionally Systems Engineering will publish special issues on current topics of interest to the Systems Engineering community. Invitations for special issues will be published in the journal and will be disseminated electronically on the Wiley Online Library website. Readers and authors interested in receiving automated content alerts from the journal may subscribe to this service free of charge at:

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Comments and suggestions for the journal Systems Engineering may be sent at anytime to the Editor-in-Chief.

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