



SYSTEMS THINKING? THINK OF **THE IEEE SYSTEMS JOURNAL!**

The *IEEE Systems Journal* publishes peer-reviewed technical papers dealing with many shared aspects and attributes of systems and system-of-systems across the many domains and applications, in particular: complexity, dynamics, integration, interoperability, adaptability, completeness, effectiveness, modeling, analysis, simulation, engineering, science, human factors, management, operations, communications, applications, ethics, education, and much more. The journal seeks papers which address solution to problems of national and global significance.

Typical domains include: disaster response, energy, environmental monitoring and control, exploratory exploration (space, terrestrial, underwater), global earth observation & prediction, Earth science, human health and life science, medical systems and applications, autonomous vehicles and systems, intermodal transportation systems, logistics, manufacturing and factory automation, agricultural systems, biological applications, communications, national defenses security, organizational internal, privacy & security, social and political systems, socio-economic (including trade & banking systems), educational systems, and many others in which the system perspective is fundamental.

Typical disciplines, processes, and skills include: automation & control, decision making and optimization, management of large-scale systems, control and automation, mission assurance, modeling and simulation, nanotechnology in system-of-systems, self-configuration and adaptation, product life cycle, regulatory compliance, reliability & availability, safety maintainability, quality, risk management, scholarship of systems engineering, systems engineering processes, systems-of-systems, and many other related to the analysis, design, implementation, and maintenance of complex systems.

The *IEEE Systems Journal* is intended to stimulate awareness, appreciation and utilization of systems thinking and the supporting systems engineering disciplines. This journal aims to be an archival publication for professional from industry, researchers, educators, and students, who are sharing a strong interest in complex systems and the system thinking perspective.

This journal will publish also special issues on hot topics with the systems thinking perspective. The following special issues are in progress: GEOSS: Creating a Global System of Systems, Grid Resource Management, Resilience Engineering, System Research on Service Systems, and Biometric Systems.

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