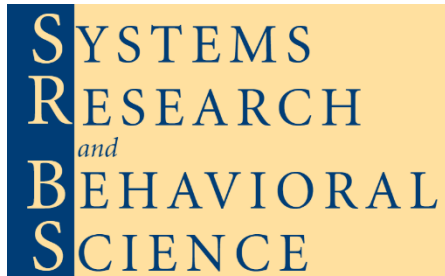


# CALL FOR PAPERS



## Special Issue on Emerging Technology and Systems Thinking

***Guest Editor: Professor Li Xu (Old Dominion University)***

***Systems Research and Behavioral Science*** is a research journal that provides a system-level focused forum for the application of the theory of systems and addressing complex systems of significance. One of the main application areas is emerging technology.

Technology today is evolving at a rapid pace, enabling faster change and progress, causing an acceleration of the rate of change. However, it is not only emerging technologies that are evolving, but a lot more has also changed, including social impact and complexities. Scientists and engineers realize that their role will not stay the same in the world tomorrow; they will constantly be learning, including systems thinking and systems approach. For example, the American Multimodal Energy System (AMES) is a system-of-systems comprised of four separate but interdependent infrastructure enterprises. Elon Musk called for a systematic “regulatory structure” for artificial intelligence after warning about risks posed by the nascent technology.

Top new technology trends include datafication, artificial intelligence and machine learning, extended reality, new energy solutions, robotic process automation (RPA), quantum computing, virtual reality and augmented reality, blockchain, Internet of Things (IoT), 6G, etc.

*Systems Research and Behavioral Science* will publish a special issue dedicated to the topic of “Emerging Technology and Systems Thinking”. This special issue aims to provide researchers and practitioners an opportunity to share the most recent advances in emerging technologies at the systems level. Papers should present systems approaches to or systems perspectives on emerging technologies. The special issue is interested in topics related to all aspects of emerging technologies. It links the disciplines of engineering, science, and systems engineering in systems perspectives. It also addresses the systems

issues involved in the planning, development, and implementation of technological capabilities involved with emerging technologies.

Topics of interest include, but are not limited to:

- Systems issues in emerging technologies
- Systems perspectives on emerging technologies
- System-of-systems
- Emerging technologies as a “whole” in a systems perspective
- Systems science methods needed to manage complex emerging technologies

All submissions must be prepared according to [Systems Research and Behavioral Science submission guidelines](#). The guest editor welcomes the submissions of research papers or survey papers. If authors are interested in discussing other forms of submission other than research notes or research papers, then authors can contact the guest editor (Professor Li Xu [lxu@odu.edu](mailto:lxu@odu.edu)) to discuss. Please note all special issue papers must be submitted through the submission site at: <https://wiley.atyponrex.com/journal/SRBS>

Authors should indicate that their manuscript is being submitted for the Special Issue on Emerging Technology and Systems Thinking.

**Deadline:** All manuscripts for this special issue should be submitted by **29 February 2024**.