

Special Issue

Cyber Attacks in Industrial Control Systems

Message from the Guest Editor

This Special Issue explores the growing concern and challenges posed by cyber-attacks targeting industrial control systems (ICS) as critical components of various industries such as energy, manufacturing, transportation, and healthcare. Industrial control systems are increasingly interconnected with information technology (IT) systems, which exposes them to potential cyber threats. Understanding and addressing the vulnerabilities, risks, and countermeasures related to ICS cyber attacks is of paramount importance. The topics of interest include, but are not limited to:

- The threat landscape and emerging trends in cyber attacks on industrial control systems.
- A vulnerability analysis and risk assessment of ICS components and networks.
- Intrusion detection and prevention techniques for ICS environments.
- Secure protocols and communication frameworks for protecting ICS from cyber attacks.
- Incident response and recovery strategies in the aftermath of ICS cyber attacks.
- Security standards, regulations, and best practices for securing industrial control systems.
- Emerging technologies and approaches for enhancing the resilience of ICS against cyber attacks.

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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