

Special Issue

Process Systems Engineering for Environmental Protection

Message from the Guest Editor

Process systems engineering (PSE) integrates chemical engineering, systems engineering, intelligent engineering, control engineering, information technology, computer technology, management science and other disciplines of theory and technology for system optimization and sustainability. With the development of artificial intelligence, 5G technology, big data, blockchain and robots, PSE aims to save energy, protect the environment, achieve safety control, optimize operation and strengthen the process of complex process production systems. This Special Issue seeks high-quality articles focusing on the latest novel developments in process systems engineering, with regard to environmental protection and sustainable development. It focuses on advances in process design, product design, and process dynamics and control toward sustainability. Research endeavors contributing to this quest have already expanded the boundary of PSE to consider economic, environmental, and societal aspects of processes, products, and their life cycles.

Guest Editor

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