



# ICOSSE '18

International Congress on  
Sustainability Science & Engineering

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Abstract by  
April 30

AUGUST 12-15, 2018  
CINCINNATI, OH



## CALL FOR ABSTRACTS NOW OPEN

### ICOSSE '18: Industry, Innovation and Sustainability

You're invited to the **7th International Congress on Sustainability Science & Engineering**, focusing on industrial and environmental sustainability areas such as manufacturing, bioproducts & resilient socio-environmental systems.

#### Sustainability Topics include:



#### Food, Energy, Water, and the FEW Nexus

Food, energy, water, and their intersections offer fertile ground for breakthrough advances toward sustainability, while simultaneously older technologies and focus areas (fracking, water systems, etc.) reemerge to prominence.



#### Industrial Innovation

Sustainable manufacturing, circular economy, environmental product declarations, and life cycle assessment highlight the broad area of industrial innovation, where product, process, and system areas are the focus of efforts on the economic, environmental and social aspects of sustainability.



#### Bioenergy

A multi-disciplinary systems approach is essential for development of a sustainable biofuels and bioenergy sector. Explore innovative solutions to socioeconomic and environmental challenges and opportunities for commercialization of emerging advanced biofuels and bioenergy.



#### Modeling and Simulation

Evaluating the sustainability of new or existing systems, processes, or products involves modeling methods and simulation tools that vary widely in levels of scale and detail. Examples include high-level ecosystem health and community resilience down to process life cycle assessments and even individual product design.

#### Chairs:

- Raymond Smith  
*U.S. EPA*
- David Shonnard  
*Michigan Technological University*
- Wendy Young  
*Chemstations, Inc.*

Select presenting authors will have the opportunity to submit a manuscript to be considered for publication in a special issue of *Environmental Progress & Sustainable Energy*.

For more information  
about ICOSSE '18, visit  
[www.icosse.org/2018](http://www.icosse.org/2018)

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\*as of March 12, 2018