

# Renewable Energy and Sustainability (RES)

## Objectives

Renewable energy and biobased technologies are important to create a clean and sustainable energy future for the world. The Symposium is intended to provide opportunities for collaborative renewable energy and sustainability research activities among experts and researchers from both U.S. and Korea. The RES Symposium is also intended to motivate experts and scientists from Korea and the U.S. to contribute with their papers and expertise to the interdisciplinary and comprehensive consideration of all implications connected with renewable energy and biobased products. Discussion of timely topics by key scientists and professionals assures that this symposium will be informative and productive.

## Scope

This symposium will focus on alternative and renewable energy, sustainability, and any related topics including bioenergy, solar energy, hydrogen & fuel cells, waste-to-energy, bio-based technologies and products. This symposium (RES) is meant to not only account for research progress, but also promote collaborative research activities among the researchers in Korea and the United States.

## Titles and Topics

Two-day symposium consists of 3 sub-sessions and 1 panel discussion:

- 1) Bioenergy (biofuels) and bio-based products
- 2) Solar energy
- 3) Hydrogen & Fuel cells
- 4) Panel Discussion

## Symposium Chair and Co-chair:

- Chair: **Tae Hyun Kim** (Iowa State University)
- Co-Chairs (Korea)
  - Kee Suk Nahm** (Chonbuk National University)
  - Jun Seok Kim** (Kyonggi University)
  - Jae Sung Lee** (POSTECH)
- Co-Chairs (USA)
  - Michael Hyun Chul Jin** (University of Texas, Arlington)
  - Burt Lee** (Clemson University)