

# 2019 3RD IEEE INTERNATIONAL CONFERENCE ON GREEN ENERGY AND APPLICATIONS

(ICGEA 2019)

**Location:**  
Taiyuan University of  
Technology, China

**Date:**  
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## PROCEEDINGS

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## TOPICS

Greening the Fossil Fuels  
Sustainable coal use and clean coal technologies  
Natural gas research and development  
Carbon and Methane capture, storage and utilization  
Renewable Energy for Power and Heat  
Green Power  
Wind energy  
Hydropower  
Energy and Water  
Energy and Health  
Solar thermal and photovoltaics  
Biomass  
Geothermal energy  
Electric Power Generation, Transmission and Distribution  
Power system economics, operation and control  
Microgrid and active distribution network management  
FACTS and HVDC controllers  
Protection, reliability, and restructuring of power systems  
Smart Grid and Renewable Energy Integration  
Transformation of power grids to smart grids  
Regulatory policies and program for implementation and control  
Energy storage and cyber security

Energy efficiency in building designs and management  
Sustainable materials for buildings  
Integration of renewable energy sources in buildings  
Greening Urbanization and Urban Settlements  
Rapid urbanization and energy-environmental implications  
Settlement forms and functions and energy  
Low carbon city scenarios, plans and actions  
Green Policies and Programmes  
National bioenergy programmes: economic, political and social issues  
Bioenergy supply management strategies  
Mainstreaming low-carbon innovations  
MDGs and Green Energy  
Income generation with green energy  
Green energy and energy access  
Green energy and social benefits  
Increasing energy access with clean resources  
Rural Development  
Green Energy  
Energy in food production and processing  
Green Energy Education and Training