

# CALL FOR PAPERS

## 2021 International Conference on Green Research & Technology

MNTC Center, Oklahoma City, OK, USA & Online, November 15-18, 2021

Oklahoma International Publishing (OkIP) is pleased to host the 1<sup>st</sup> International Conference on Green Research and Technology (CGRT). The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research and development in the field. Proposals are solicited describing original works in fields below and related technologies. CGRT will include a peer-reviewed program of technical, industrial and poster sessions. Accepted and presented full papers from the tracks below will be published by OkIP and submitted for indexation in major abstract and citation databases of peer-reviewed literature. Extended version of best papers will be considered for the inaugural issue of the International Journal of Information Technology Research ISSN 1553-653X.

### Green Generation/Management

- Energy Management/Storage/Recycling
- Electric/Hybrid Vehicles | Green Energy Boost
- Hydrogen, Fuel cells, Energy Carriers
- Energy Harvesting | Biofuel Generation
- Wind/Geothermal Power | Efficient Lighting
- Solar/Biomass Energy | Efficient Power
- Combustion Fuels and Renewable Sources
- Uninterruptible Power Supply
- Grid-Oriented Energy Systems
- Circuitry for Energy Harvesting/Scavenging
- Energy Reduction/Conservation
- Innovative HVAC Systems | Photovoltaic Cells
- Power Quality/Filtering Techniques
- Energy System Operational Strategies
- Advanced Metering Infrastructure
- Power Distribution Grids | Hydropower
- Sustainable School/Education
- Battery Materials/Mechanisms/Optimization
- Pervasive Energy Services

### Sustainable Designs/Innovations

- Strategies for Sustainability
- Performance Evaluation | Wearable Electronics
- Green Building-Components/Systems-Mngmt
- Efficient Circuit Design for Energy Harvesting
- Ergonomics and Sustainability
- Building and Low Environmental Impact
- Sustainable Building Design/Construction
- Home and Commercial Automation
- Ocean-Wave/Under-Water Energy Harvesting
- Energy Efficient Renovation
- Clean Energy Architectural Solutions

### Technical Research & Industry Contribution

**Full Paper:** Accomplished research results (6 pages)

**Short Paper:** Work in progress/fresh developments (3 pages)

**Poster/Journal First:** Displayed/Oral presented (1 page)

### Corporate Showcase & Exhibition

**Booth:** Display product and/or service offerings (1 page)

**Oral:** Present product and/or service offerings (1 page)

### Smart Systems/Infrastructures

- Smart Construction/City/Vehicle
- Grid Modernization | Efficient Wind Turbines
- Digital Communication and Control
- Evolution/Integration of Renewable Energy
- Reduction of Emission Energy Sources
- Smart Grids/Microgrids/Meters/Appliances
- Internet of Things (IoT) and Sustainability
- Smart Energy Management Systems
- Smart Urban Development
- Intelligent Transportation Systems
- Smart Manufacturing/Factory
- Unmanned Aerial Systems and Sustainability

### Legal/Social/Economic Issues

- Emerging Standards | Ecosystem Monitoring
- Carbon footprints and Metering
- Reduced Carbon Emission | Climatic Data
- Regulatory Issues and Standards
- Safety and Protection of the Environment
- Developed/Emerging Country Tech./Issues
- Spill Prevention and Control
- Deregulation and Electric Power Market
- Climate Change | Renewable Energy Sources
- Green Business Practices | Airborne Substances
- Environmental Pollution Issues
- Ecosystem Modeling | Green Protocols
- Nuclear and the Environment

### Green IT/Computing

- Energy-efficient Protocols and Networking
- IT de-Manufacturing | Disaster Control
- Legitimate IT Recycling | Sustainable Software

- Energy Efficient IT solutions & Algorithms
- Green Software Design/Development
- Energy Efficient Algorithms
- Sensor Networks Usage | Sustainable Big Data
- Network Concepts | Efficient Data Centers
- Climate and Disaster Monitoring
- AI & Expert Systems for Sustainability
- Optimization techniques for energy applications
- Green Cloud/IoT/Communication Technologies
- Energy-Efficient Data-Centers/Networks
- Energy-Efficient Machine Learning Approach

### Biomedical/Biotechnology

- Digital Health/Wellness
- Advances in Pharmaceutical-Industry/Imaging
- Environmental Protection | Biodegradation
- Portable Medical/Biomedical Devices
- Chemical/Agro-Chemical Safety
- Devices for Disabled/Handicapped
- Marine Microalgae Harvesting | Detoxification
- Biodiesel Production/Agricultural Crop
- Electrochemistry Renewable Fuel
- Pollution Biodegradation | Soil Contamination
- Organic Photovoltaic Cells | ...

### Forecasting/Water/Sanitation

- Forecasting Techniques and Predictions
- Weather Analysis | Life/Property Protection
- Societal impacts of weather | climate monitoring
- Weather Accessibility and Understandability
- Water Systems and Sustainability
- Sanitation/Water supply| Sinkhole Identification
- Gaseous Benzene Remediation

### Student Poster & Career Fair

**Graduate & Doctoral:** Peer-reviewed Poster (1 page)

**Undergraduate/High School:** Selected Poster (1 page)

**Recruiter Booth:** Product/Service & Job offerings (1 page)

### Workshop, Tutorial, Forum & Panel

**Workshop, Tutorial & Tour:** Proposal (1 page)

**Executive Forum, Panel & Talk:** Proposal (1 page)

For more information, submission details and important dates visit or contact:

[EVENTUTOR.COM/E/CGRT001](http://EVENTUTOR.COM/E/CGRT001)

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