



Jamaica Institution of Engineers

JIE ENGINEER'S WEEK 2014 CONFERENCE

CALL FOR PAPERS

The Jamaica Institution of Engineers, JIE Engineers' Week 2014 Conference will be held from Monday, September 22 - Wednesday, September 24, 2014, in Kingston, Jamaica under the theme "Engineering Change".

The JIE Engineers' Week 2014 Conference is aimed at providing a platform for engineers, researchers, architects, planners, academicians and industry professionals to share, promote and discuss new ideas, concepts, innovations and developments in engineering and related fields.

The Jamaica Institution of Engineers: Civil; Electrical; Mechanical and Aeronautical, Agricultural, Chemical & Industrial Divisions are pleased to invite papers relevant to the theme and additional areas of interest which include but are not limited to the following;

ENERGY

- Energy Generation
- Renewable Energy
- Real Options for Reducing the Cost of Electricity
- Alternative Energy Solutions and Affordability
- Green Energy for Maritime Ports

REGIONAL DEVELOPMENT

- Building Information Modeling
- Geographical Information Systems Applications to Engineering
- Architects in the World of Engineering
- Urban Renewal
- Traffic Management through Technology
- Telecommunications, Cyber and Networks Security
- Flood Analysis and Mapping: A look at State of the Art Technology Being Used to Improve Engineering Design and Efficiency
- Climate Change Evaluation and Adaptation
- Climate Change and Agriculture
- The Jamaica Logistic Hub Initiative
- The Goat Island Port Development
- Water and Waste Water Management
- Road Maintenance and the Economy
- Maintenance of Critical Infrastructure

CODES AND STANDARDS

- The Jamaica National Building Code
- Standards for Infrastructure Development
- Standards and Risk Reduction
- Regional Engineering Practices: Are we on the Right Track
- The importance of Occupational Health and Safety
- Current Road Design Maintenance and Repair Practices: Are they Producing the Most Sustainable Roads
- The Need for Road Design and Safety Standards for Jamaica
- Continuing Education for Engineers
- Building Intelligent Buildings
- Green Construction

CONTRACT ADMINISTRATION, INSURANCE & RISK MANAGEMENT

- Earthquake and Tsunami Risk Assessment
- Hazard Mitigation and Management
- Communications and Management of Hazards
- Project, Engineering & Maintenance Management
- Hazard Mitigation and Planning for the Whole Project Life Cycle



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CALL FOR PAPERS (cont'd)

REGIONAL DEVELOPMENT (cont'd)

- The Panama Canal and the Global Shipping Industry: The Potential Economic Benefits for Jamaica
- Development of Harbours, Marinas, Ports, and Dry Docks: A look at the Business Potentials in Jamaica and Wider Caribbean
- A Comparative Analysis of Concrete Roads vs. Asphaltic Concrete Roads for Jamaica
- Geotechnical Investigations - Knowing Where Your Project Stands
- Expanding the Jamaica Maritime industry
- The Business of Engineering: A look at the Current State of the Engineering Consultancy Business in Jamaica

CONTRACT ADMINISTRATION, INSURANCE & RISK MANAGEMENT (cont'd)

- Hazard Mapping and Risk Assessment
- Natural Hazards and Insurance
- Managing Risk - Construction Insurance
- Construction Project Risk Sharing
- Contract Administration and Management
- Insurance and Risk Reduction

DESIGN & MANUFACTURING

- Manufacturing and the Cost of Electricity
- Design and Operation of Manufacturing Systems
- Revitalizing the Manufacturing and Agro Processing Industry Through Sound Engineering
- Agro Processing Industry Practices
- Emerging Technologies in Design and Manufacturing
- Innovative Products for the Caribbean

*Abstracts of not more than 300 words should be submitted for consideration by **May 22, 2014**, to the **JIE Conference Committee at 54 Molynes Road** or by email to jiengweek@gmail.com. Abstracts should be in English and contain a title, author's name and full contact detail(s). Successful authors will be notified by **June 23, 2014** and will be required to submit an electronic copy of the paper (not exceeding 10 pages) along with a passport size photograph and a brief resume or biography, including affiliation. Full papers should be submitted no later than **July 31, 2014**. Papers should focus on applied research, case studies and lessons learnt.*

Full papers will be posted on the JIE conference website after the conference.

[Jamaica Institution of Engineers](#)

Suite #7, 54 Molynes Road
Kingston 10
E-mail: jie@cwjamaica.com
Tel: (876) 758-8248, 758-5559
Fax: (876) 758-7412