

\*\*\*\*\* CALL FOR PAPERS \*\*\*\*\*

SUBMISSION DUE DATE: [30-11-2018]

SPECIAL SESSION ON “Green IT and Sustainability”

[INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND  
COMMUNICATION, ICICC---2019]

Guest Editors: <sup>1</sup> **Dr. Shalini Aggarwal**, <sup>2</sup> **Dr. Rudra Rameshwar**

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#### **INTRODUCTION:**

Computational Sustainability is a nascent and growing field of computing that is concerned with the application of computer science principles, methods, and tools to problems of environmental and societal sustainability. This is not a one-way street, however, because sustainability problems force computer scientists into new theory, as well as new practice. For example, sustainability problems require extraordinary attention to solution robustness (e.g., so that a so-called optimal solution doesn't catastrophically fail with an environmental change) and issues of uncertainty, ranging from uncertainties in environmental sensor readings to uncertainties in the budget awarded by a state legislative body for wildlife management.

The purpose of Green IT is to reduce the carbon footprint of IT system. The computer generates 2% of global emissions of greenhouse gases released into the atmosphere. Moreover computers and electronics generally contain a large number of hazardous substances to the body and the environment. We must recycle waste as computers and electronics is also required. The need of the hour is Green IT and Sustainability.

#### **RECOMMENDED TOPICS:**

Topics to be discussed in this special session include (but are not limited to) the following:

- Social Computing and Networking
- Cloud computing
- Robotics and Sensors

- Cyber-Physical Systems
- Intelligent Systems
- Mobile computing

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on [**Green IT and Sustainability**] *on or before*[30-11-2018]. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at [http://icicc-conf.com/paper\\_submission.html](http://icicc-conf.com/paper_submission.html). All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify [**Green IT and Sustainability**] at the top (above paper title) of the first page of your paper.

All inquires should be should be directed to the attention of:

**[Dr. Shalini Aggarwal and Dr. Rudra Rameshwar]**  
Guest Editors

**[Area: Green IT and Sustainability]**

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