Special Session on
"Soft Computing for Environmental Applications and Remote Sensing"

(5th International Conference on Soft Computing for Problem Solving)
December 18-20, 2015 at SAHARANPUR CAMPUS, INDIAN INSTITUTE OF TECHNOLOGY
ROORKEE, INDIA

AIM: Remote sensing technology has increased manifolds in the recent years. Remote sensing data can be used if we are able to extract meaningful information from this data.   Interpretation and analysis of remote sensing imagery involves the identification and/or measurement of various targets in an image in order to extract useful information about them. Soft computing methods can be used in many applications and in many modules of a remote sensing systems to extract meaningful information from remote sensing imagery.

SCOPE: This special session aims at bringing together leading academicians, scientists, engineers, researchers and students to exchange and exhibit their contributions in the area of Soft Computing for Environmental Applications and Remote Sensing.

Topics of Interest: The topics of interest include but are not limited to:

➢ Preprocessing techniques for remote sensing images.
➢ Remote Sensing image Enhancement
➢ Remote sensing image classification
➢ Remote sensing image interpretation
➢ Change detection techniques
➢ Remotely sensed data collection, analysis, interpretation and display.
➢ Surveying from space, air, water and ground platforms.
➢ Imaging and related sensors.
➢ Image processing.
➢ Use of remotely sensed data.
➢ Economic surveys and cost-benefit analyses.
➢ Image processing and pattern recognition
➢ Data fusion and data assimilation
➢ Dedicated satellite missions
➢ Operational processing facilities
➢ Spaceborne, airborne and terrestrial platforms
➢ Remote sensing applications
➢ Evolutionary Algorithms for remote sensing applications

Important dates:
Paper Submission: ~~May 15, 2015~~ **June 15, 2015**
Acceptance notification: August 10, 2015
Registration: September 01, 2015

All the accepted papers of this session will be published in the proceeding of Springer series and the extended versions of the selected papers will be published in special issue of the International Journals. Kindly follow the springer format and submit your paper through easy chair link provided at the Conference website: http://easychair.org/conferences/?conf=socpros2015

Session Chairs

Dr.K.K.Singh
Head of Department, EEE Department
Dronacharya College of Engineering, Gurgaon
email: krishnaiitr2011@gmail.com
Phone: 8057655031

Dr. Akansha Singh
Associate Professor,
Department of CSE&IT,
ITM University, Gurgaon
email: akanshasing@gmail.com
Phone: 09599561472