

Recent Advances in Geoscience and Remote Sensing : Technologies, Standards and Applications

Hotel Grand Hyatt, Kochi, Kerala, India

October 17-20, 2019

Call for Papers

http://www.tencon2019.org/special_sessions.html

Invitation to TNGARSS 2019

TENCON is a premier international technical conference of IEEE Region 10. The Theme for TENCON 2019 is Technology, Knowledge, and Society. TENCON 2019 is expected to bring together researchers, educators, students, practitioners, technocrats and policymakers from across academia, government, industry and non-governmental organizations to discuss, share and promote current works and recent accomplishments across all aspects of its theme.

In Association with the IEEE Geoscience and Remote Sensing Society, IEEE Antennas and Propagation Society and IEEE Kerala Section the TENCON Geoscience and Remote Sensing Special Session will be held from Thursday October 17th through Sunday 20th October 2019 at the Hotel Grand Hyatt, Kochi, Kerala India. The main theme of the conference is Recent Advances in Geoscience and Remote Sensing : Technologies, Standards and Applications.

On behalf of IEEE Geoscience and Remote Sensing Society, IEEE Antennas and Propagation Society, and IEEE Kerala Section and the TNGARSS Organizing Committee we invite you to participate in TNGARSS 19. Hoping to meet you at the conference.

Organizing Committee

Special Session Chairs (TNGARSS)

Naresh K. Mallenahalli, National Remote Sensing Centre (ISRO), Hyderabad
Chinmoy Saha, Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram

TENCON 2019 General Chairs

K.R.Suresh Nair, CTO-NeST Group
Sameer S.M, NIT, Calicut

Vice Chairs

Prof. B S Daya Sagar, ISI, Bangalore
Dr. Shiv Mohan, Ahmedabad, India

Technical Program Chairs

Prof. Ashish Ghosh, ISI, Calcutta
Dr. Avik Bhattacharya, IIT, Bombay

Tutorial Chairs

Dr. S.S. Ramakrishnan, Anna University, Chennai
Dr. Pradipta Kumar Nanda, Bhubaneswar

Publicity and Sponsorship Chairs

Prof. Rama Rao, IIST, Thiruvananthapuram
Shri. Puneeth Mishra, URSC, Bangalore

Young Professionals Activity Chairs

Dr. Saurabh Das, IIT, Indore
Dr. Swaroop Sahoo, IIT Palakkad, Kerala

Finance Chairs

Shri. Munir Mohammad, IEEE India
Dr. Saroj Meher, ISI, Bangalore

Important Dates

Announcement of CFP : 17 April 2019

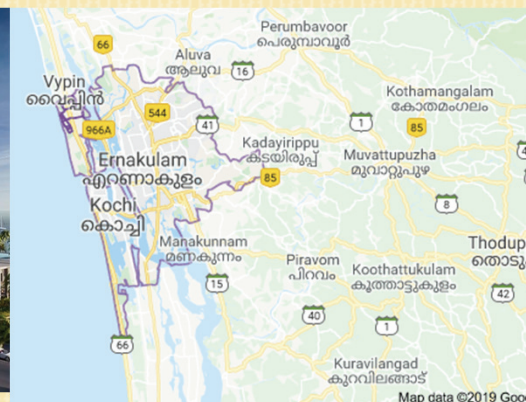
Paper Submission Deadline : 30 June 2019

Tutorial Submission Deadline : 30 April 2019

Acceptance Notification : 15 August 2019

Camera Ready : 30 August 2019

Location Kochi, Kerala



Technical Program

TNGARSS'19 provides a one stop opportunity for Sensor Developers, Data Analysts and Application Scientists to better understand and discuss new developments, future trends in the areas related to Remote Sensing and Geosciences. Also, it promotes exchange of ideas, networking with international community working in the areas of interest to Geoscience and Remote Sensing.

General Theme

The conferences encourages submissions in all areas of Geoscience and Remote Sensing pertaining to Earth System including data analytics, Big data, Technologies, Calibration, Standards and Applications.

Potential topics include but are not limited to the following:

DSS : Use of Remote Sensing in Monitoring, Mitigating Natural Hazards and Decision Support

Data Analytics : Advances in Statistical Analysis and use of Computational Intelligence in Remote Sensing Applications

Geo. Tech : Geospatial Data Visualization , Geo. Intelligence, Geo.AI, Drones/UAVs, Smart cities

Standards : Recent efforts in Calibration of Sensors and Development of Standards for Earth Observation.

Modeling : Mathematical and Statistical Modeling in Image Simulation, Image Understanding, Extreme events, Electromagnetics, retrieval of Geophysical Parameters, Earth System dynamics.

Radars : Recent advances in use of High Power Radars studies of Atmosphere and Ionosphere

GNSS : Advances in GNSS Reflectometry and Radio Occultation Science and Applications

Antennas : Improvements in design of Space borne Antennas and other Ground Systems for receiving Remote Sensing Satellite Data.

Ocean Applications: Advances and Challenges in Ocean Remote Sensing applications

Climate Change : Remote Sensing Indicators for Climate Change and Environmental Monitoring

Publication of Proceedings

Accepted papers will be published in the proceedings on IEEE Explore, only if presented at the Session by one of the authors duly registered. A proposal is in progress to invite extended versions of accepted papers for possible publication in Special Stream of IEEE Geoscience and Remote Sensing Letters and Journal of Earth System Science- Springer

Paper Submission

Authors who wish to give a presentation are requested to submit a paper (minimum of 2 pages; maximum of 4 pages) <http://www.tencon2019.org/submissions.html>

International Advisory Committee

Shri. AS Kiran Kumar, ISRO, India
Prof. Adriano Camps, CommSensLab, Spain
Prof. Paolo Gamba, Univ. of Pavia, Italy
Dr. Paul Rosen, JPL, NASA
Dr. Akira Hirose, University of Tokyo, Japan
Prof. Jocelyn Chanussot, Grenoble Institute of Technology, France
Prof Jasmeet Judge, Univ. Florida, USA
Prof. J. Senthilnath, A*STAR, Singapore
Prof. Siri Jodha Singh Khalsa, Univ. of Colorado
Prof. Alejandro C. Frery, Universidade Federal de Alagoas, Brazil
Dr. Ramakrishna Nemani, NASA Ames Research Center, CA
Prof. RR Naval Gund, ISRO, India
Dr. V Jayaraman, ISRO, India
Dr. VK Dadhwal, IIST, India
Dr. YVN Krishnamurthy, IIST, India
Shri. Santanu Chowdhury, NRSC, Hyderabad
Prof. Yahia MM Antar, RMC Canada, Kingston, ON, Canada
Prof. Tapan K. Sarkar, Syracuse University, USA
Dr. Goutam Chattopadhyay, JPL, NASA
Dr. Farid Melgani, University of Trento, Italy
Prof. D. Nagesh Kumar, IISC, Bangalore, India
Prof. Prasad Thenkabail, USGS, USA
Prof. Begüm Demir, Technical University of Berlin, Germany
Dr. Mario Montopoli, CNR-ISAC, Italy

Dr. P. Balarama Rao, NRSC, Hyderabad
Dr. OPN Calla, ICRS, Jodhpur
Dr. Radhika Ramachandran, SPL, Thiruvananthapuram
Dr. S Suresh Babu, SPL, Thiruvananthapuram
Prof. Animesh Maitra, University of Calcutta
Shri. Rohit Singh, ESRI, India
Dr. A. Senthil Kumar, CSSTEAP, Dehra Dun
Prof. NV Chalapathi Rao, BHU, Varanasi, India
Dr. Haiwen Liu, Jiaotong University, China
Dr. K.Ajith Joseph, Nansen, Kochi, India
Dr. Hareesh Kumar, NPOL, Kochi, India

National Organizing Committee

Dr. Amit Kumar Patra, NARL, Tirupathi
Prof. Kamla Prasan Ray, DIAT, Pune
Prof. Jawad Y. Siddiqui, University of Calcutta
Prof. Ashik Paul, University of Calcutta
Prof. P. N. Vinayachandran, IISC, Bangalore, India
Dr. V. Bhanumurthy, NRSC, Hyderabad
Dr. MVR Seshasai, NRSC, Hyderabad
Shri. Vinod Bothale, NRSC, Hyderabad
Dr. Balaji Narasimhan, IITM, Chennai, India
Dr. Sasmal, NRSC, Hyderabad

Local Organizing Committee

Dr. K.P. Reghunatha Menon, KSREC, India
Dr. Suresh Francis, KSREC, Thiruvananthapuram
Dr. Suresh Raju C, SPL, Thiruvananthapuram
Dr. Deepti K Das, CUSAT, India
Mr. V. Praveen, FISAT, Kerala
Mr. Anu Mohamed, GEC, Barton Hill
Dr. Hareef Baba Shaeb K, NRSC, India
Dr. Naveen Kumar, Osmania University
Dr. Hitendra Sarma, SRIT, Ananthpur

Volunteers for TS-GRS

Pranav Kumar J. Singh, IIST, Trivandrum
Gopika, IIST, Trivandrum
Keerthipriya, IIST, Trivandrum
Malika Somanath, IIST, Trivandrum
Elizabeth George, IIST, Trivandrum
Aditya Allamraju, IIRS, Deharadun
Sakshi M, RITW, Hyderabad
Naraiah Rairala, Osmania Univ., Hyderabad

Contact us:- nareshm@ieee.org,
csaha@ieee.org