

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)

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Important Dates

Announcement of CFP : 17 April 2019

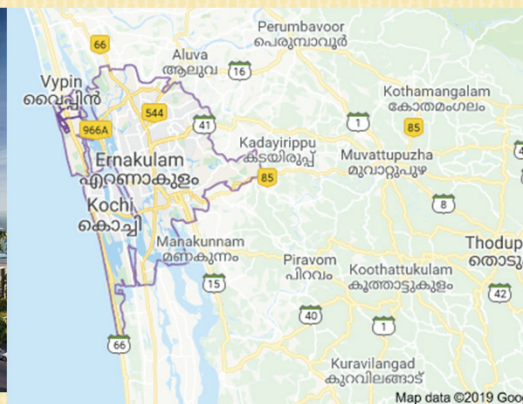
Paper Submission Deadline : 30 June 2019

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>

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