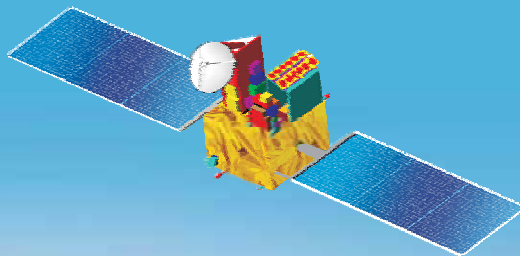


November 05-09, 2012
Kochi, Kerala, India



**Second Circular
Call for Abstracts**

**Pan Ocean Remote Sensing
Conference - 2012**



Conference Information

Conference Theme

'Ocean Remote Sensing for Well-being of All'

The rapid progress in ocean remote sensing in the 1980s provided the stimulus for constituting the Scientific Organizing Committee (SOC) of the Pacific (Pan) Ocean Remote Sensing Conference (PORSEC) during the International Space Year 1990.

PORSEC is an organization dedicated to helping developing nations stimulate their science programs focused on the applications of remote sensing technology to Ocean Sciences. PORSEC has provided over a decade of effort with over thirty countries and agencies participating to advance the science capabilities in developing countries by organizing conferences once in two years.

The Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, Ministry of Earth Sciences, Government of India is privileged to host PORSEC-2012, the Eleventh Biennial Conference with the Theme '*Ocean Remote Sensing for Well-being of All*' in Kochi, Kerala, India during November 05-09, 2012.

The conference will review and discuss the state of the art ocean remote sensing and will help scientists and students involved in ocean-atmosphere studies using remote sensing techniques to benefit from interactions with the experts participating from all over the globe. The conference will also provide an opportunity to showcase the research work carried out using remote sensing techniques from various satellite missions and the applications of ocean remote sensing for societal benefits.

Call for Abstracts

The conference will be conducted through several plenary talks and presentation of scientific papers (oral and poster) organized under special and general sessions relevant to the conference theme '*Ocean Remote Sensing for Well-being of All*'.

We are now inviting papers for special and general scientific/technical sessions that are relevant to all areas of ocean remote sensing.

The abstracts/papers should be submitted online at <http://www.porsec2012.incois.gov.in>.

Last date for the submission of Abstracts: 15 March 2012.

Special Sessions

Session	Convener/s
Space Agencies: Future Ocean Remote Sensing Missions by various space agencies	Dr. Kristina Katsaros (USA) Dr. V.K. Dadhwal (India)
Societal Applications of Ocean Remote Sensing	Dr. T. Srinivas Kumar (India) Mr. E. Pattabhi Rama Rao (India)
Contributions of Oceansat-2 (Sensor, Retrieval, Cal/Val & Applications)	Dr. Raj Kumar (India)
In-situ Radiance measurements for Ocean Colour Remote Sensing in coastal waters	Dr. K.H. Rao (India) Dr. T. Srinivasa Kumar (India) Dr. A.K. Shukla (India)
Trichodesmium phenomenon	Dr. Jim Gower (Canada) Dr. Ajit Subramanian (USA) Dr. Aneesh A. Lotliker (India)
Bio-optical Properties and Algorithms for the coastal and estuarine waters	Dr. H.B. Menon (India)
Remote Sensing Applications in Marine Ecosystem Studies including Algal Bloom Monitoring	Prof. N.R. Menon (India) Dr. Lasse H. Pettersson (Norway) Prof. Trevor Platt (UK)
Precision Fisheries and Aquaculture using Remote Sensing and GIS	Dr. Sei-Ichi Saitoh (Japan) Dr. Beena Kumari (India) Dr. Ming-An (Taiwan)
Air-Sea Interactions	Dr. Naoto Ebuchi (Japan) Dr. Masahisa Kubota (Japan)
Tropical Cyclones	Prof. Leonard Mitnik (Russia) Dr. Peter Black (USA) Dr. M. Mohapatra (India)
Role of Ocean Thermal Structure on Tropical Cyclone Intensification	Dr. M. M. Ali (India) Dr. Gustavo Goni (USA)
Turbulent and Radiative Fluxes Estimated from Remotely Sensed Data	Dr. Abderrahim Bentamy (France) Dr. A. M. Mestas-Nuñez (USA) Dr. K. Katsaros (USA) Dr. R. T. Pinker (USA)
Intra-seasonal variability of Asian Summer Monsoon	Prof. P.V. Joseph (India) Prof. Ola M. Johannessen (Norway) Dr. Annalisa Cherchi (Italy)
Aerosols and Climate	Dr. H.B. Menon (India)

Session	Convener/s
Ocean Winds	Dr. Werner Alpers (Germany) Dr. B.S. Gohil (India)
Calibration and validation of satellite data	Dr. R. Venkatesan (India) Dr. A.K. Shukla (India)
Satellite Altimetry from the open ocean to coast	Dr. Guoqi Han (Canada) Dr. Stefano Vignudelli (Italy)
Satellite Altimetry	Dr. H. Bonekamp (Germany) Dr. Raj Kumar (India) Prof. D. Stammer (Germany)
SARAL-Altika (ISRO-CNES Joint Programme on Altimeter)	Dr. R.M. Gairola (India) Dr. Jacques Verron (France)
Oceanographic Applications of SAR - I	Dr. Andrei Ivanov (Russia) Dr. Antony K. Liu (USA) Prof. Ming-Kuang Hsu (Taiwan)
Oceanographic applications of SAR - II	Dr. Xiaofeng Li (USA)
Satellite-based research on Oceanic Planetary Waves: Recent Advances and open questions	Dr. Tatyana Belonenko (Russia) Dr. P. Cipollini (UK)
Observed Changes in the Frozen Oceans	Joey Comiso (USA)
Remote Sensing for Polar Sciences	Prof. P C Pandey (India) Dr. A.J. Luis (India) Prof. Ola M. Johannessen (Norway) / Prof. Stein Sandven (Norway)
Tsunami Disasters, Impacts and Early Warning	Dr. Ramesh Singh (USA) Dr. Y. Tony Song (USA) Dr. T. Srinivasa Kumar (India)
Role of Oceans in Carbon and Water Cycle	Dr. W. Timothy Liu (USA) Dr. V.V.S.S. Sarma (India)
Indian Ocean Observations and Modelling	Dr. D. Shankar (India) Dr. P.N. Vinayachandran (India)
Ocean Remote Sensing Data Management and Dissemination	Mr. E. Pattabhi Rama Rao (India) Dr. T.V.S. Udaya Bhaskar (India)
Operational Oceanography / Ocean Forecasting	Dr. M. Ravichandran (India) Dr. T. M. Balakrishnan Nair (India)
Megha-Tropiques	Dr. Pradip K Pal (India) Dr. Remy Roca (France)

Topics of General Sessions

- Multi-sensor studies in ocean remote sensing
- Remote sensing for hazard warnings and mitigation
- Climate change and oceans
- Remote sensing and GIS for coastal zone management
- Remote sensing of atmospheric aerosols
- Monsoons
- Oceanic processes
- Remote sensing of estuaries and coastal seas
- Acoustic Oceanography
- Ocean Observations



Pre-Conference Tutorial

A pre-conference tutorial is planned for the students/ young researchers from Universities/Institutes across the globe. The faculty of the tutorial will include eminent scientists in ocean remote sensing from India and abroad.

Duration: 5 Days

Dates: 29 October to 02 November 2012

Number of participants: 25

Venue: Centre for Marine Living Resources and Ecology (CMLRE), Ministry of Earth Sciences, Kochi.

Course will stress on the hands-on-training on the applications of altimeter, scatterometer and ocean colour data for oceanographic applications including the remote sensing of marine fishery resources. The training will also include the training on board a research vessel on the usage of in situ radiometer and collocation and analysis of water samples for the estimation of chlorophyll content.

The registration for the pre-conference tutorial is free. The participants need to cover their travel, accommodation and food. However, the Organizing Committee would provide partial funding for selected participants depending on the availability of funds. More details on the pre-conference tutorial will be posted soon on this web-site. The registration for the pre-conference tutorial will be opened soon.

Interested participants may contact Chairman, Organizing Committee at porsec2012@incois.gov.in for further details.

Exhibition

About 450 participants from all over the world are expected to participate in the conference. The participants include researchers, students and industry from various fields of ocean remote sensing and technology.

An exhibition has been planned during the conference to showcase emerging technologies in the field of ocean science & technology, ocean remote sensing, sensors, products developed by researchers, and premier public and private organizations. The exhibition will also provide an opportunity to the exhibitors to showcase their products, services and explore the business opportunities.

The agencies involved in the remote sensing technology and allied sciences are invited to participate in the exhibition associated with the conference.

Facilities

Number of Stalls available: 20 booths (Size: 3m X 3m X 2.5m)

Each Stall will be provided with 2 spot lights, 1 table, 2 chairs, Facia (up to a maximum of 26 characters), two 5 amp power points (220 V, 50 Hz).

Fees

Stall Size	Foreign companies	Indian companies
3m x 3m x 2.5m (L x W x H)	\$ 6000/-	₹ 3,00,000/-
6m x 3m x 2.5m (L x W x H)	\$ 10000/-	₹ 5,00,000/-

Stall set up: 4th Nov 2012

Stall dismantling: 9th Nov 2012

Booking deadline: 30th Apr 2012

The exhibition stalls will be allocated on first come first served basis. The fees will cover the registration and participation for two participants per booth during the Conference. The exhibition registration fees are payable by demand draft/bankers cheque in favour of PORSEC-2012 to "The Chairman, Local Organising Committee, PORSEC-2012, INCOIS, Ocean Valley, Pragathi Nagar (SO), Nizampet (BO), Hyderabad- 500090". Payment can also be made to PORSEC-2012 by bank transfer.

Other Details

The PORSEC Exhibition will have a 24 hour security service during the period 4th to 9th Nov 2012. Exhibitors are responsible for protection of their equipment and insuring them if necessary. Exhibitors are advised to close down their booth after the Exhibition closing time at 18:00 hrs each day of the Conference.

Interested exhibitors can contact the Chairman, Organizing Committee at porsec2012@incois.gov.in for further details.

Venue

PORSEC-2012 conference will be organized at IMA House which is right in the centre of the Kochi city. The IMA House is located behind the Jawaharlal Nehru International Stadium, Palarivattom, Kochi and is about 35 km from the Kochi Airport. The venue offers choice of stylish halls ideal for conferences, exhibitions, corporate meetings and cultural events.



Accommodation

Accommodation for the participants will be available on payment at special rates for PORSEC2012, in different hotels surrounding the venue.

In addition to the hotels, a few guest houses of state and central government organizations will be booked to accommodate the student participants at concessional rates.

Further details on accommodation will be updated soon on PORSEC-2012 web-site.

Registration Fee

		Early-Bird Registration (Till 30 Apr 2012)	Late Registration (Till 31 Jul 2012)	On-Site Registration
PORSEC Members	Foreign	USD 220	USD 250	USD 300
	Indian	₹ 5,000	₹ 6,000	₹ 7,000
Ordinary Participants	Foreign	USD 250	USD 300	USD 350
	Indian	₹ 6,000	Rs. 7,500	₹ 9,000
Students	Foreign	USD 150	USD 180	USD 200
	Indian	₹ 1,500	₹ 2,500	₹ 3,000
Industry Participants	Foreign	USD 400		
	Indian	₹ 10,000		

(The registration includes registration kit, admission to all scientific sessions, lectures, inaugural function, lunch, coffee breaks)

On-line registration will be launched soon.

Important Dates

Event	Date
Submission of Abstracts	15 March 2012
Acceptance of Abstracts	01 April 2012
Early Bird Registration	30 April 2012
Late Registration	30 September 2012
Submission of full papers for inclusion in the proceedings	31 August 2012
Conference	05-09 November 2012

Local Tours

A half-day local tour during the conference will be arranged for interested participants. Further, paid local tours will be organized for interested groups/individuals participating in the conference. More details on local tours will be published soon.



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Contact us:

Chairman, Local Organizing Committee

PORSEC-2012

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Hyderabad-500 090, India

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E-mail: porsec2012@incois.gov.in

URL: <http://www.porsec2012.incois.gov.in>

Organizer



PORSEC

Host



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Ocean Information Services (INCOIS)**

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