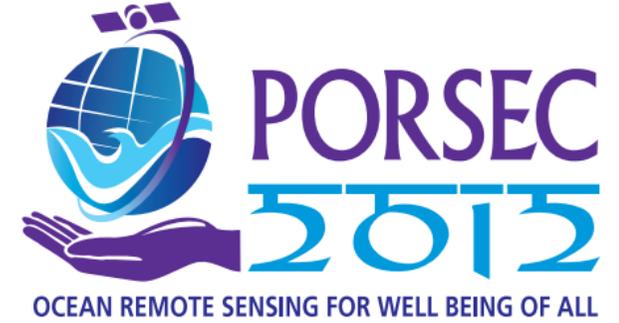




Indian National Centre for
Ocean Information Services (INCOIS)



PORSEC



11th Biennial
Pan Ocean Remote Sensing Conference
PORSEC - 2012

November 05-09, 2012 | Kochi, Kerala

www.porsec2012.incois.gov.in





Welcome to Kochi!

INCOIS is proud to host the world's largest interdisciplinary scientific conference on Ocean remote sensing, the PORSEC-2012 at Kochi.

Team “Scientific sessions and posters” of LOC is very motivated to offer every participant the opportunity to interact each other and also with the veterans of their research interest through PORSEC-2012.

Enjoy your stay at Kochi, the “Queen of Arabian Sea” in “God's own Country”!

Team “Scientific sessions and posters”

Day-1

5th November 2012

0900-1100 Hrs : Inauguration

Venue : Aryabhata Hall (Floor 4)

Day-1, 5th November 2012

ARYABHATTA HALL (FLOOR-4)

Session 1: Space Agencies: Future Ocean Remote Sensing Missions by various space agencies

PORSEC2012-01-00002	Vittorio Barale	Ocean-related remote sensing experience, missions and plans in Europe	oral	11.30-11.50
PORSEC2012-01-00007	Agus Hidayat	Remote Sensing for Marine and Fishery Application Activities in Indonesia	oral	11.50-12.10
PORSEC2012-01-00006	AS Kiran Kumar	Indian Future Ocean and Atmosphere Missions	oral	12.10-12.30
PORSEC2012-01-00004	Haruhisa Shimoda	JAXA's ongoing and the future earth observation	oral	12.30-12.50
PORSEC2012-01-00003	Elizaveta Belonenko	Analysis of the accuracy of projective transformations of sea charts in GIS MapInfo Professional and GeoMedia Professional	poster	Precis poster presentation: 12.50-13.00
PORSEC2012-31-00006	M Srikanth	Youthsat mission planning, analysis outline of key components	poster	
PORSEC2012-31-00017	Kota Prasad	TeraScan® Direct Reception of NPP: Post-Launch Results	poster	Poster display 05-11-2012

Session 17: Satellite altimetry from the open ocean to coast &
Session 18: Satellite Altimetry

PORSEC2012-18-00002	Detlef Stammer	Statistical Parameters Of The Geostrophic Ocean Flow Field, Estimated From The Jason-1-Topex/Poseidon Tandem Mission	oral	14.00-14.12
PORSEC2012-18-00004	Jacques Verron	On the inversion of submesoscale information from SST and Ocean Color to improve larger scale dynamics deduced from altimetry	oral	14.12-14.24
PORSEC2012-18-00006	Shyni TN	Influence of Mesoscale eddies on current field and thermohaline structure of Southeastern Arabian Sea.	oral	14.24-14.36
PORSEC2012-18-00007	Fabrice Papa	Satellite altimeter derived monthly discharge of the Ganga-Brahmaputra River and its seasonal to interannual variations from 1993 to 2012	oral	14.36-14.48
PORSEC2012-18-00009	Sugata Hazra	Monitoring Sea Level Variability in the Bay of Bengal: using Altimeter and other Complementary Techniques	oral	14.48-15.00
PORSEC2012-18-00016	KM Sreejith	High-Resolution geoid and gravity anomaly data from satellite altimetry and its geological significance- A case study from northern Indian Ocean	oral	15.00-15.12

PORSEC2012-17-00001	Jonson Lumban Gaol	Sea Level Rise derived Satellite Altimetry and Tide Gauge data and Its Impact on the Coastal Zone of Indonesia	oral	15.12-15.24
PORSEC2012-17-00007	Nathan Paldor	Rossby waves in the ocean: Satellite observations and a new non-harmonic theory	oral	15.24-15.36
PORSEC2012-18-00005	Alexander Demidov	Detection of Mediterranean lenses in the Atlantic Ocean by Argo project buoys and satellite altimetry data	oral	16.00-16.12
PORSEC2012-18-00017	Raj Kumar	Inter-comparison of ENVISAT Wind Wave and SLA with Jason-1 and Jason-2 Altimeters	oral	16.12-16.24
PORSEC2012-18-00001	Sannasiraj	Wind-Wave Climate Along Indian Coasts Using Satellite Altimeter Data	oral	16.24-16.36
PORSEC2012-17-00004	Kaoru Ichikawa	Coastal Sea Surface Height Measurements by GPS mounted on a ferryboat	poster	Precis poster presentation: 16.36-17.00 Poster display 05-11-2012
PORSEC2012-18-00010	A Raghunadha Rao	Annual and interannual variability of propagating waves along the west coast of India and their influence on the intensity and number of eddies observed in the Northeastern Arabian Sea	poster	
PORSEC2012-18-00012	S Chander	Identification of Rain events over Indian tropical region using Jason-2 & Envisat altimeter towards development of a Rain flagging algorithm	poster	
PORSEC2012-18-00013	Rajesh Kumar Pandey	Water Stage by Altimetry over Indian Rivers	poster	
PORSEC2012-18-00014	D Swain	A view of Cyclone Thane with satellite altimetry	Poster	

PISHAROTY HALL (FLOOR-2)

Day-1, 5th November 2012

Session 23: Observed Changes in the Frozen Oceans &
Session 24: Remote Sensing for Polar Sciences

PORSEC2012-24-00008	Ola M Johannessen	Greenland Ice Sheet Outlet Glaciers	oral	14.00-14.24
PORSEC2012-23-00003	Andrey A.Bobkov	Variability of Arctic ice cover as consequence of change of circulation epoch in Northern Hemisphere	oral	14.24-14.36
PORSEC2012-24-00005	SM Pednekar	Trends and Interannual Variability of Satellite-based Wind and Sea Surface Temperature over the Southern Ocean in the recent Decade	oral	14.36-14.48
PORSEC2012-23-00001	Natalia Ivanova	Passive microwave sea ice retrievals and validation	oral	14.48-15.00
PORSEC2012-23-00010	Racheal Chacko	Variability of the Polar Front in the Indian sector of the Southern Ocean during austral summer	oral	15.00-15.12
PORSEC2012-24-00009	Puneeta Naik	Bio-optical properties in the southeastern Bering Sea	oral	15.12-15.24
PORSEC2012-24-00002	Bobylev Leonid	Using Satellite Passive Microwave Data to Study Arctic Polar Lows	oral	16.00-16.12
PORSEC2012-24-00004	C Kalyani Devasena	Biogeochemical cycle study in Southern Ocean using model and data	oral	16.12-16.24

Day-1, 5th November 2012

PORSEC2012-23-00005	Rajkumar Kamaljit Singh	Long-term analysis of the Arctic Ocean sea surface temperature and height	oral	16.24-16.36
PORSEC2012-23-00006	Megha Maheshwari	30-years extended analysis of turbulent heat fluxes, sea surface temperature and salinity in the Southern Ocean	oral	16.36-16.48
PORSEC2012-23-00009	Divya David T	Stratification variability in the Indian sector of Southern Ocean associated with climatic events	oral	16.48-17.00
PORSEC2012-24-00010	Abhinav Srivastava	30-years investigation of the sea ice concentration, ice albedo and active/ passive microwave signatures in the Arctic and the Antarctic polar regions	oral	17.00-17.12
PORSEC2012-23-00008	N Anilkumar	Environmental influence on biological production in the coastal and oceanic regions off Antarctica	poster	Precis poster presentation: 17.12-17.20 Poster display 05-11-2012
PORSEC2012-23-00007	P Sabu	Variability of Dicotermal Layer in the Indian Sector of Southern Ocean during Austral Summer	poster	
PORSEC2012-24-00007	Alvarinho J. Luis	Warming Mechanisms of South Indian Subtropical Gyre	poster	
PORSEC2012-24-00006	SD Jawak	Hyperspatial WorldView-2 Satellite Remote Sensing Data for Polar Geospatial Information Mining of Larsemann Hills, East Antarctica	poster	

Session 6: Bio-optical properties and algorithms for the coastal and estuarine waters

PORSEC2012-06-00001	Sumisha Velloth	Eco-morphological classification of coral reefs using EO-1 Hyperion data: A case study of the Flat Island in the Andaman Islands	oral	14.00-14.12
PORSEC2012-06-00013	Hiroto Higa	Development of estimation model for high concentrated Chlorophyll-a and SS using the correction term of estimated error in coastal area	oral	14.12-14.24
PORSEC2012-06-00002	KV Sanilkumar	Empirical relation between in-situ SST and Ocean Colour Sensor data off the southwest coast of India during the upwelling period	oral	14.24-14.36
PORSEC2012-06-00003	Sweety Halarnekar	Variability of bio-optical properties of coastal waters along the eastern Arabian Sea and the implications to primary productivity	oral	14.36-14.48
PORSEC2012-06-00006	SP Tiwari	Remote-Sensing Retrieval of Inherent Optical Properties in Oceanic / Coastal Waters	oral	14.48-15.00
PORSEC2012-06-00008	Nagur Cherukuru	Variability of specific inherent optical properties of Australian coastal waters and their influence on underwater light propagation and ocean colour models.	oral	15.00-15.12
PORSEC2012-06-00011	Jim Gower	Monitoring the spring bloom on the west coast of Canada	oral	15.12-15.24
PORSEC2012-06-00012	Prince Prakash	Seasonal and interannual variability of diffuse attenuation coefficient (Kd490) in the Arabian Sea	oral	15.24-15.36

Day-1, 5th November 2012

PORSEC2012-06-00016	Ji-Eun Park	Short-term variability of chlorophyll-a concentration using Geostationary Ocean Color Imager data	oral	16.00-16.12
PORSEC2012-06-00018	A Mascarenhas	An Autonomous Underwater Vehicle MAYA, for Monitoring Of Coastal waters, Dams, Rivers and Estuaries.	oral	16.12-16.24
PORSEC2012-06-00019	Pavel Salyuk	The development of empirical biooptical algorithms which most effectively separate contribution of phytoplankton and dissolved organic matters into ocean color	oral	16.24-16.36
PORSEC2012-31-00014	Nutan Sangekar	Seasonal Variability of Radiant Heating Rate of Euphotic zone along the Coastal Waters of Eastern Arabian Sea.	oral	16.36-16.48
PORSEC2012-06-00004	Minu P	Effect of optically active substances and atmospheric correction schemes on remote sensing reflectance at a coastal site off Kochi	poster	Precis poster presentation: 16.48-17.15 Poster display 05-11-2012
PORSEC2012-06-00007	J Nasiha	Model for estimating the particulate bulk refractive index for a wide range of particles in coastal waters	poster	
PORSEC2012-06-00009	Hajime Fukushima	Spectral Consistency Test for Near-cloud pixels in Satellite Ocean Color Imagery	poster	

PORSEC2012-06-00010	Pravin Jeba Dev	Dependence of scattering by absorption ratio and sun's angle on f-function of the diffuse reflectance	poster	Precis poster presentation: 16.48-17.15 Poster display 05-11-2012
PORSEC2012-06-00014	Vidya Shree Bharti	Decadal changes in the bio-optical fields of the coastal waters off Mumbai, India	poster	
PORSEC2012-06-00015	Min-Sun Lee	Suspended Sediment Movement Induced by Tidal Current using Geostationary Ocean Color Imager	poster	
PORSEC2012-06-00017	Raghavendra S Mupparthy	Hyperspectral Remote Sensing for Water Quality and Ocean Color	poster	
PORSEC2012-06-00020	Shailendra Mohan Raut	Assessment of Eutrophication of Ulhas River Estuary, Mumbai	poster	
PORSEC2012-31-00009	Gunjan motwani	Phytoplankton Community Structure and Associated Optical Characters in Coastal Waters of Gujarat	poster	
PORSEC2012-31-00029	Srikanth A Somayajula	In vivo spectrophotometric analysis of chlorophyll pigments in intact phytoplankton cultures in coastal waters of Bay of Bengal	poster	

Day-1, 5th November 2012

PANICKER HALL (FLOOR-3)

Session 2: Societal applications of Ocean Remote Sensing

PORSEC2012-02-00003	Wang-Kun Chen	Forecasting the Economic Impact of Natural Disaster with Non-Linear Time Series Characterized by Remote Sensing – A Case Study of Price Index Subject to Typhoon Morak	oral	14.00-14.12
PORSEC2012-02-00004	R Harikumar	INCOIS offshore wind farm advisory services based on bias-corrected satellite data to combat future energy crisis	oral	14.12-14.24
PORSEC2012-02-00006	Vittorio Barale	Integrated Maritime Policy-Making Requirements in the EU: a New Frontier for Remote Sensing of Coastal and Marine Regions	oral	14.24-14.36
PORSEC2012-31-00058	K Somasundar	Benefits Of Desalination technology to the Marine Environment	oral	14.36-14.48
PORSEC2012-02-00005	Sumisha Velloth	Hyperspectral Classification of Coral Reef Environs	oral	14.48-15.00
PORSEC2012-02-00012	JV Thomas	Climate Change and Natural Disasters: Is the worst over?	oral	15.00-15.12

PORSEC2012-02-00002	Suping Zhang	A Comprehensive Dynamic Threshold Algorithm for Daytime Sea Fog Retrieval	poster	Precis poster presentation: 15.12-15.30 Poster display 05-11-2012
PORSEC2012-02-00007	Preetha G Nair	Economic evaluation of Potential Fishing Zone (PFZ) advisories along Kerala coast.	poster	
PORSEC2012-02-00008	Ashwini S	Retrieval Of CDOM, Chl-A and TSM From a Mooring Station: Vertical Variations Off Mangalore, Eastern Arabian Sea	Poster	
PORSEC2012-02-00010	KC Sahu	Landform Morphology of the outer channel of the Chilika Lagoon, East Coast of India	Poster	
PORSEC2012-31-00028	Mirza Muhammad Waqar	Development Of New Indices For Extraction Of Built-Up Area & Bare Soil From Landsat data	Poster	
PORSEC2012-31-00038	Subhasis Pradhan	Geomatic Based Mapping of Aquatic Vegetation A Case Study of Chilika Lake, A Ramsar Site	Poster	
PORSEC2012-31-00054	Zimin Petr S	Coastal monitoring of Peter the Great Bay (Sea of Japan) using web camera	Poster	

Session 25: Tsunami Disasters, Impacts and Early Warning

PORSEC2012-25-00008	N Kiran Kumar	Using Geospatial Intelligence for Dissemination of Tsunami Advisories from the Indian Tsunami Early Warning Centre	oral	16.00-16.12
PORSEC2012-25-00004	G Gopinath	Tsunami Wave Propagation and Inundation Modeling using MIKE21 HydroDynamic model	oral	16.12-16.24
PORSEC2012-25-00007	B Ajay Kumar	Importance of Sea Level Observations for Tsunami Early Warnings	oral	16.24-16.36
PORSEC2012-25-00002	S Sivagnanam	Environmental influence on climate changes and its impacts on productivity	oral	16.36-16.48
PORSEC2012-25-00009	Sunanda MV	Application of the OLR variability as an earthquake precursor	poster	Precis poster presentation: 16.48-16.50 Poster display 05-11-2012

Day-2

6th November 2012

0900-1030 Hrs : Plenary Talks

Venue : Aryabhata Hall (Floor 4)

1. Ocean-Colour data for climate-change studies

Shubha Sathyendranath

Plymouth Marine Laboratory (PML), UK

2. Remote Sensing of the Indian Ocean : Indian Perspective

RR Navalgund

Indian Space Research Organisation, Bangalore, India

Day-2, 6th November 2012

ARYABHATTA HALL (FLOOR-4)

Session 3: Contributions of Oceansat-2 (Sensor, Retrieval, Cal/Val & Applications)

PORSEC2012-03-00003	SVSSS Srikanth	In-Orbit Performance Of Oceansat - 2 Payload and Platform Systems	oral	11.00-11.24
PORSEC2012-03-00004	Naoto Ebuchi	Self-consistency of Marine Surface Vector Winds Observed by Oceansat-2 Scatterometer	oral	11.24-11.36
PORSEC2012-03-00005	Vittorio Barale	Algal Blooming in Regional Eddies due to Air-Sea Transfers	oral	11.36-11.48
PORSEC2012-03-00011	W Timothy Liu	OSCAT Contribution to Diurnal Cycle and Hurricane Studies	oral	11.48-12.00
PORSEC2012-03-00013	Rajesh Sikhakolli	North Indian Ocean Surface Currents from OSCAT winds and Merged Altimeter Data	oral	12.00-12.12
PORSEC2012-03-00014	Rahul Rajan	Estimation of Oceanic Primary Production in the Northern Arabian Sea using Oceansat 2 OCM-2	oral	12.12-12.24
PORSEC2012-03-00021	Indira Rani S	Assessing the impact of assimilation of ASCAT and Oceansat-2 surface winds in NCMRWF Global Data Assimilation System (GDAS)	oral	12.24-12.36

Session 3: Contributions of Oceansat-2 (Sensor, Retrieval, Cal/Val & Applications)

PORSEC2012-03-00026	I Venkata Ramana	Retrieval and validation of ocean surface pressure fields using Scatterometer wind data	oral	12.36-12.48
PORSEC2012-03-00033	Arun Chakraborty	Response of Oceansat II winds in the Bay of Bengal Circulation	oral	12.48-13.00
PORSEC2012-03-00034	N Srinivasa Rao	A Complimentary Approach in Identifying Coastal Currents in the Bay of Bengal Using Ocean Colour Data	oral	14.00-14.12
PORSEC2012-31-00059	K Somasundar	Meso-Scale Eddies In The Northern Arabian Sea During The Winter.	oral	14.12-14.24
PORSEC2012-03-00006	Bankim S Shah	Geometric and Radiometric quality assurance for OCM-2 data products	oral	14.24-14.36
PORSEC2012-03-00023	Deepthi T	TSM Distribution and R-MODE Cluster Association Of Oceanographic Parameters: Karwar to Bekal, Eastern Arabian Sea	oral	14.36-14.48
PORSEC2012-03-00008	Ratheesh Ramakrishnan	Suspended Sediment Concentration Profiles from Synoptic Satellite Observations	oral	14.48-15.00

Session 3: Contributions of Oceansat-2 (Sensor, Retrieval, Cal/Val & Applications)

PORSEC2012-03-00028	Raj Kumar	Generation and Validation of analyzed surface winds over global oceans	oral	15.00-15.12
PORSEC2012-03-00031	HU Solanki	Remote sensing of marine copepod biomass using remotely	oral	15.12-15.24
PORSEC2012-03-00032	Vivek Sharma	Observing Oceans and Generating Digital Data Products for Oceansat-II Mission	oral	15.24-15.36
PORSEC2012-03-00010	SG Prabhu Matondkar	Phytoplankton, bacteria and Heterotrophic Nanoflagellates studies using ship and OCM-2 data along a coastal transect in the Arabian Sea	oral	16.00-16.12
PORSEC2012-03-00001	Sudha AK	Effect of temporal and spatial window sizes for collocation and comparison of scatterometer winds with Insitu data	poster	Precis poster presentation: 16.12-16.40 Poster display 06-11-2012
PORSEC2012-03-00002	S Indira Rani	Validation of Oceansat-2 Winds against various In-situ, Satellite Observations and NWP Products	poster	
PORSEC2012-03-00007	Satyanarayana Ch	Study of Coastal circulation using Satellite-Derived sediment as Tracer	poster	

PORSEC2012-03-00009	Smitha Ratheesh	Data adaptive prediction of OSCAT winds in the North Indian Ocean	poster	<p>Precis poster presentation: 16.12-16.40</p> <p>Poster display 06-11-2012</p>
PORSEC2012-03-00012	Ratheesh Ramakrishnan	Detection of Oil Seepages using Multi-spectral OCM-2 images	poster	
PORSEC2012-03-00022	Muthumani Rajan	Characterisation of Oceansat-2 Payloads on Ground.	poster	
PORSEC2012-03-00024	Palleyi S	Geo-Physical Data Validation of OCEANSAT- 2 OCM Sensor at Estuarine Water System in a Temporal Scale	poster	
PORSEC2012-03-00025	Chang S. Kim	Application of GOCI satellite data to numerical ocean modeling	poster	
PORSEC2012-03-00027	Bhasha M Mankad	Assessing the relative performance of OSCAT and NCEP re-analysis winds through simulations by an OGCM	poster	
PORSEC2012-03-00029	Raj Kumar	Calibration of the OceanSAT -2 scatterometer using Natural Terrestrial Targets	poster	
PORSEC2012-03-00030	Mruga Dabholkar	Autonomous Vertical Profiler as a data acquisition tool for Satellite validation	poster	

PISHAROTY HALL (FLOOR-2)

Session 11: Role of Ocean Thermal Structure on Tropical Cyclone Intensification

PORSEC2012-11-00004	S Neetu	Upper ocean stratification influence on Tropical Cyclones Intensity for the North Indian Ocean	oral	11.00-11.12
PORSEC2012-11-00006	MM Ali	Need to Assimilate Sea Surface Height Anomalies into the Atmospheric Models	oral	11.12-11.24
PORSEC2012-11-00010	KC Gouda	Simulation Experiment of Cyclone Nargis using a Non Hydrostatic Mesoscale Model	oral	11.24-11.36
PORSEC2012-11-00011	Gustavo J. Goni	Upper ocean heat content for tropical cyclone studies.	oral	11.36-11.48
PORSEC2012-11-00012	Manisha P Santoki	Influence of thermocline on the heat content variations of upper north Indian Ocean	oral	11.48-12.00
PORSEC2012-11-00013	Lengaigne Matthieu	Air-sea coupling negative feedback on South Indian Ocean tropical cyclones in a regional coupled model	oral	12.00-12.12
PORSEC2012-11-00001	Madhavan Nair Rajeevan	On the Inter-annual Variation of the Intensity of Tropical Cyclones in the Arabian sea	oral	12.12-12.24
PORSEC2012-11-00015	PV Nagamani	The Tropical Cyclone Heat Potential (TCHP) and Intensification of Cyclone Intensity: A Case Study -NISHA Cyclone	oral	12.24-12.36

PORSEC2012-11-00016	Neeru Jaiswal	Cyclone Intensity Estimation using similarity of satellite IR images based on Histogram Matching Approach	oral	12.36-12.48
PORSEC2012-11-00005	Neerja Sharma	An Artificial Neural Network Approach to Predict Cyclone Intensity	oral	12.48-13.00
PORSEC2012-11-00008	CH Venkata Ramu	Role of Upper Ocean Thermal features in Rapid Intensification of Tropical Cyclones over North Indian Ocean	Poster	Precis poster presentation: 13.00-13.10 Poster display 06-11-2012
PORSEC2012-11-00009	Mr. Y. Steeven Paul	Upper ocean stratification, cyclogenesis and heat content variability in the Bay of Bengal from SODA reanalysis data	Poster	
PORSEC2012-11-00014	Venugopal R.T	Inter-annual variability of TCHP over North Indian Ocean during 1993-2011	Poster	
PORSEC2012-11-00017	Muraleedharan KR	Barrier Layer and Role of Positive Water Balance on Inversion Layer Dynamics in The Bay of Bengal	Poster	

Session 10: Tropical cyclones

PORSEC2012-10-00009	Leonid M Mitnik	Indian Ocean Tropical Cyclone Study Using Adeos-II Amsr and Aqua Amsr-e Observations	oral	14.00-14.24
PORSEC2012-10-00006	Xiaofeng Yang	Tropical cyclone morphology from spaceborne synthetic aperture radar	oral	14.24-14.36
PORSEC2012-10-00010	Kristina B. Katsaros	Microwave Instruments for Observing Tropical Cyclones; some remaining air-sea interaction issues	oral	14.36-14.48
PORSEC2012-10-00014	RD Kanase	Role of Four Dimensional Data Assimilation on Track & Intensity of Severe Cyclonic storms	oral	14.48-15.00
PORSEC2012-10-00015	Lakshmi Srikanth	Ocean heat potential and boundary layer characteristics during the life cycle of Bay of Bengal cyclones	oral	15.00-15.12
PORSEC2012-10-00016	P Byju	An investigation to tropical cyclone induced physical and biogeochemical responses in the Arabian Sea during 2000-2010	oral	15.12-15.24
PORSEC2012-10-00002	S Narendra	Variations of sea surface temperatures over Bay of Bengal during pre and post period of tropical cyclone Laila and rainfall classifications over Andhra Pradesh	poster	Precis poster presentation: 15.24-15.30
PORSEC2012-10-00003	K Muni Krishna	Bio-physical changes due to the severe cyclonic storms in the Arabian Sea	poster	
PORSEC2012-10-00011	Sumesh KG	Tropical cyclones over north Indian Ocean during the IOD years	poster	Poster display 06-11-2012

PORSEC2012-10-00008	Gang Pan	Comparative study of two different phytoplankton blooms triggered by two similar typhoons using satellite observations and model simulations	oral	16.00-16.12
PORSEC2012-10-00018	Manu P John	Observing Indian Ocean Tropical Cyclone Thane using Coastal High Frequency Radars	oral	16.12-16.24
PORSEC2012-10-00019	M Mohapatra	Role of Remotely Sensed Observations for Monitoring and Prediction of Tropical Cyclones over the North Indian Ocean	oral	16.24-16.36
PORSEC2012-10-00004	CM Kishtawal	Prediction of Tropical Cyclogenesis in North Indian Ocean using OSCAT Data	oral	16.36-16.48
PORSEC2012-10-00005	BS MURTHY	Influence of tropical cyclone 'AILA' on atmospheric surface layer turbulence and fluxes at Ranchi during its landfall	oral	16.48-17.00
PORSEC2012-10-00013	SK Dube	Storm surge in North Indian Ocean under climate change scenarios	oral	17.00-17.12
PORSEC2012-10-00017	SD Kotal	The Unusual Characteristics of Severe Cyclone JAL over the Bay of Bengal - A Diagnostic Study	oral	17.24-17.36

SARABHAI HALL (FLOOR-1)

Session 4: In-situ radiance measurements for ocean colour remote sensing in coastal waters

PORSEC2012-04-00002	Saumi Syahreza	Evaluation of Suspended Sediment and Chlorophyll Concentrations in the Strait of Malacca Retrieved from Oceansat-2 Data	oral	11.00-11.12
PORSEC2012-04-00003	Nutan Prakash Sangekar	Spatial and temporal variability of Remote sensing reflectance (Rrs) in Mandovi and Zuari estuaries.	oral	11.12-11.24
PORSEC2012-04-00015	KH Rao	Study of Distribution of Radiance Field using in-situ hyper spectral measurements in the coastal waters off Godavari coast,	oral	11.24-11.36
PORSEC2012-09-00036	Alexey V Bulanov	Application of laser-induced breakdown spectroscopy for express control of seawater impurities	oral	11.36-11.48
PORSEC2012-31-00023	Mira Morovic	Ocean color variability of the Adriatic Sea	oral	11.48-12.00
PORSEC2012-31-00056	Mira Morovic	Space and time structure of the Adriatic Sea color satellite data	oral	12.00-12.12
PORSEC2012-04-00010	PV Nagamani	In-situ Radiance Measurements in the Coastal Waters of Bay of Bengal for Ocean Colour Remote Sensing	oral	12.12-12.24
PORSEC2012-04-00008	Srikanth Ayyala Somayajula	Estimating chlorophyll-a concentration using first - derivative spectra in coastal waters of Bay of Bengal along East coast of India	oral	12.24-12.36

PORSEC2012-04-00004	SK Dash	A new dimension for measurement of Photosynthetic Active radiation (PAR) measurement in Chilika Lagoon, India	oral	12.36-12.48
PORSEC2012-04-00001	Shalin S	Empirical relation between diffuse attenuation coefficient and beam attenuation coefficient off Kochi	poster	Precis poster presentation: 12.48-13.05 Poster display 06-11-2012
PORSEC2012-04-00005	Sonia Murgaonker	Spatial and temporal Variation of Chromophoric Dissolved Organic Matter in Mandovi and Zuari estuaries	poster	
PORSEC2012-04-00006	Sundarabalan VB	Rendering of Underwater Lightfield using Radiative Transfer Model	poster	
PORSEC2012-04-00007	Babu CA	Active-weak monsoon situations and associated bio-productivity of coastal waters in the south peninsular India	poster	
PORSEC2012-04-00011	PV Nagamani	Time Series Analysis of in-situ Chlorophyll-a Concentration and Phytoplankton Cell Count at Dhamra and Mahanadi Regions	poster	
PORSEC2012-04-00012	Wang sufen	Preliminary remote sensing observation of sea surface temperature increase during <i>Ulva prolifera</i> blooms	poster	
PORSEC2012-04-00013	PV Nagamani	Monitoring and Identification of Algal Blooms in the north Indian Ocean using OCM-2 and In-situ Measurements	poster	
PORSEC2012-04-00014	Gokulnath	ORZES: An Optimized Routing using Zone to Establish Security in Sensor nodes	poster	

Session 7: Remote Sensing Applications in Marine Ecosystem studies including algal bloom monitoring

PORSEC2012-07-00043	Shubha Sathyendranath	Remote sensing of the assimilation number for marine phytoplankton in the Northern Indian Ocean	oral	14.00-14.24
PORSEC2012-07-00003	Ranith R	An Investigation On Coupled Role Of SST, PAR and CDOM In 2010 Lakshadweep Coral Bleaching And Preceded Recovery During 2011 Using MODIS Ocean Color Observation	oral	14.24-14.36
PORSEC2012-07-00004	Elena A. Shtraikhert	Study of inter-annual phytoplankton bloom variability on shelf of Peter the Great Bay and the zone of the Primorye Current (Sea of Japan) in winter-spring	oral	14.36-14.48
PORSEC2012-31-00018	Rahul Rajan	Phytoplankton Community Structure and Food Preference of Indian Oil Sardine along West Coast of India; Implications for Ocean Color Remote Sensing	oral	14.48-15.00
PORSEC2012-07-00007	P Nammalwar	Studies on the applications of satellite remote sensing based Potential Fishing Zones (PFZ) advisories and benefits derived by the user fishing community along North Tamil Nadu coast, India.	oral	15.00-15.12
PORSEC2012-07-00008	DanLing Tang	Chlorophyll-a bloom in both surface and subsurface water induced by Typhoons in the South China Sea	oral	15.12-15.24
PORSEC2012-07-00009	Shalin S	Variability in chlorophyll-a at coastal and offshore areas off the Southwest coast of India	oral	15.24-15.36

PORSEC2012-31-00008	Neera Chaturvedi	Bio-physical impact of Climate change on Indian Ocean	oral	16.00-16.12
PORSEC2012-07-00013	Arvind Sahay	Absorption of phytoplankton in Arabian Sea during Noctiluca miliaris blooms from in-situ measurements	oral	16.12-16.24
PORSEC2012-07-00025	Anna Antonyuk	Multispectral, Multisensor, Multiplatform Approach to the Black Sea Satellite Monitoring	oral	16.24-16.36
PORSEC2012-07-00015	Neha Nandkeolyar	Spatial and temporal analysis of the impact of changing SST and wind pattern on the phytoplankton biomass in the Western Indian Ocean using Remote Sensing Data	oral	16.36-16.48
PORSEC2012-07-00016	Tholkapiyan M	Oceanographic and atmospheric factors influencing spatial and seasonal variations of algal blooms in Gulf of Mannar	oral	16.48-17.00
PORSEC2012-07-00018	Rajeshwary Chauhan	Noctiluca Scintillans Bloom and Zooplankton Relationship in the Northern Arabian Sea Using in situ and Remotely Sensed Data	oral	17.00-17.12
PORSEC2012-07-00019	RK Sarangi	Remote sensing observations of ocean surface chlorophyll with the impact of cyclones and depressions in the Bay of Bengal	oral	17.12-17.24
PORSEC2012-07-00012	M Mahapatrah	Applications of Remote Sensing and GIS Techniques for Potential Site Selection for Mangrove Plantations along the Kachchh Coast, Gujarat	oral	17.24-17.36

PANICKER HALL (FLOOR-3)

Session 29: Operational Oceanography/ Ocean Forecasting

PORSEC2012-29-00002	V Ganesh	Diurnal variation of Sea Surface Temperature (SST) using NOAA-AVHRR data over North Indian Ocean	oral	11.00-11.12
PORSEC2012-31-00026	Dennis Trizna	Coherent Marine Radar for Ocean Wave Spectra and Surface Current Mapping	oral	11.12-11.24
PORSEC2012-31-00027	V Ranga Rao	A Study on Wind, Wave and Tidal Influences on Shoreline Character around Kavaratti, the Lakshadweep Island (India)	oral	11.24-11.36
PORSEC2012-31-00046	Rajanish kumar	Atmospheric Influence on Coastal High-Frequency Radar	oral	11.36-11.48
PORSEC2012-29-00006	Annette Samuelsen	The TOPAZ North Atlantic biogeochemical forecast evaluated against remote sensing data	oral	11.48-12.00
PORSEC2012-07-00008	M Kalyani	Performance analysis of Multiple Buoy Data Assimilation into Wave Model in Indian seas	oral	12.00-12.12
PORSEC2012-29-00009	Sandhya K G	Set up and Validation of SWAN model for Indian coast	oral	12.12-12.24

PORSEC2012-29-00010	SJ Prasad	Oil Spill Trajectory Prediction System For Indian Coast-Model Setup and Validation	oral	12.24-12.36
PORSEC2012-29-00011	Priyanka Banerjee	Nature of biological response of the Arabian Sea to February 2008 dust storm	oral	12.36-12.48
PORSEC2012-29-00014	Chan-Su Yang	Production of SST Using Multi-satellite Data and Its Assimilation for Korea Operational Oceanography	oral	12.48-13.00
PORSEC2012-29-00015	NK Hithin	Preliminary Validation of the Satellite-based and INDOFOS-forecasted Significant Wave Heights using Ship-mounted Wave Height Meter	oral	14.00-14.12
PORSEC2012-29-00016	R Anoop	Comparison of NCMRWF and ECMWF Forecasted Winds with RAMA Buoys and Ship-mounted AWSs	oral	14.12-14.24
PORSEC2012-29-00018	K Srinivas	The Indian Ocean Forecasting System (INDOFOS) at INCOIS, Hyderabad, India	oral	14.24-14.36

Day-2, 6th November 2012

PORSEC2012-29-00003	P Anand	Software for operational oceanography for reliable sonar range prediction	oral	14.48-15.00
PORSEC2012-29-00004	PA Maheswaran	Wave hind-casting in the north Indian Ocean using QuikSCAT winds	oral	15.00-15.12
PORSEC2012-29-00005	DR Fernandez	Simulation of oceanographic conditions using HYCOM model in the Indian Ocean	oral	15.12-15.24
PORSEC2012-29-00012	Eun-Young Lee	Techniques for the Quality Improvement of SST for Support of the Operational Ocean Forecasting in the Northwest Pacific	oral	15.24-15.36
SOC Session				16.00-17.30

Day-3

7th November 2012

0900-1030 Hrs : Plenary Talks

Venue : Aryabhata Hall (Floor 4)

1. Observing Ocean Surface Salinity and Water Balance from Space

W. Timothy Liu

Jet Propulsion Laboratory, California Institute of Technology

2. Monsoonal Estuaries of the West Coast of India

Satish R. Shetye

Former Director, National Institute of Oceanography, Goa, India
Vice-Chancellor, Goa University, India

ARYABHATTA HALL (FLOOR 4)

Session 19: SARAL-Altika (ISRO-CNES Joint Programme on Altimeter)

PORSEC2012-19-00014	RM Gairola	Model Function for Wind Speed Retrieval from SARAL-Altika Radar Altimeter Backscatter: Case Studies with TOPEX and JASON Data	oral	11.00-11.24
PORSEC2012-19-00003	Jacques Verron	Monitoring of the Northern Current in the Gulf of Lions with an observing system simulation experiment including the forthcoming SARAL/Altika altimeter data	oral	11.24-11.36
PORSEC2012-19-00004	T N Shyni	Validation of OSTM/Jason-2 bathymetry with observation off Kochi and Vizag	oral	11.36-11.48
PORSEC2012-19-00005	Ananda Pascual	On the use of SARAL/Altika products for coastal and Mesoscale studies in the BAlearic Sea: synergy with other sensors (SAMEBA)	oral	11.48-12.00
PORSEC2012-19-00013	M Salim	Intra-seasonal variability of sea surface height in the tropical Indian Ocean	oral	12.00-12.12
PORSEC2012-19-00008	Bonnefond	Absolute Calibration of SARAL/Altika in Corsica	oral	12.12-12.24
PORSEC2012-19-00009	KVSR Prasad	Application of Altimetry in assessing extreme winds and waves during cyclone period – a case study of LAILA cyclone	oral	12.24-12.36

Day-3, 7th November 2012

PORSEC2012-19-00010	Testut L	Tidal modeling and satellite altimetry along the Arabian Sea Coast	oral	12.36-12.48
PORSEC2012-19-00016	Soumya Muralidharan	Evolution of anticyclones in the eastern Tropical Indian Ocean anomalies	oral	12.48-13.00
PORSEC2012-19-00007	S Chander	Generation and utilization of simulated SARAL altimeter data for geological interpretation over the 85oE ridge and its surroundings	oral	14.00-14.12
PORSEC2012-19-00002	K N Babu	SARAL CAL-VAL preparedness over Indian Sub-continent	oral	14.12-14.24
PORSEC2012-19-00012	Satya Prakash	Sea surface salinity and freshwater flux in the tropical Indian Ocean using multi-satellite measurements	oral	14.24-14.36
PORSEC2012-19-00015	C. Mahesh	Hydrological Processes Over Indian Ocean During Anomalous and Normal Monsoon Years	poster	Precis poster presentation: 14.36-14.40 Poster display 07-11-2012
PORSEC2012-19-00017	Verron, Jacques	Altika on SARAL as an ERS-Envisat follow-on mission for ice sheet survey.	poster	

Session 15: Ocean Winds

PORSEC2012-15-00010	Kunio Kutsuwada	Construction and Validation of Gridded Data set of Global Surface Wind/Wind-stress Field	oral	16.00-16.12
PORSEC2012-15-00007	Rajesh Sikhakolli	High-Spatio-density Ocean surface vector winds from Oceansat-2 Scatterometer	oral	16.12-16.24
PORSEC2012-15-00003	Werner Alpers	Investigation of a winter monsoon wind front over the South China using multi-sensor satellite and weather radar data and a numerical model	oral	16.24-16.36
PORSEC2012-15-00001	Sudha A. K.	Comparison of Oceansat-2 derived winds with buoy data over the Indian Ocean and Pacific Ocean	oral	16.36-16.48
PORSEC2012-15-00011	C.M. Kishtawal	Bias Correction of Infrared Image Based Tropical Cyclone Geolocation using OSCAT Observations	oral	16.48-17.00
PORSEC2012-15-00005	Mati Kahru	Global correlations between winds and ocean chlorophyll	poster	Precis poster presentation: 17.00-17.10
PORSEC2012-15-00006	T N Shyni	On the possible role of winds over the equatorial Indian Ocean on the monsoon onset over Kerala	poster	
PORSEC2012-15-00008	Suguru Kameda	Analysis of Long-term Variation using Satellite-derived Wind Data Set/J-OFURO in the Recent Decade	poster	Poster display 07-11-2012
PORSEC2012-15-00013	Werner Alpers	High resolution wind fields over the Black Sea derived from Envisat ASAR data using an advanced wind retrieval algorithm	poster	

PISHAROTY HALL (FLOOR-2)

Day-3, 7th November 2012

Session13: Intra-seasonal variability of Asian Summer Monsoon

PORSEC2012-13-00013	Porathur V. Joseph	Active and Break days of the Indian summer monsoon during July and August of 1901 to 2009	oral	11.00-11.24
PORSEC2012-13-00003	P.M.Muraleedharan	Active-break cycles of Indian Summer Monsoon during contrasting years	oral	11.24-11.36
PORSEC2012-13-00010	M R Ramesh Kumar	Is an Onset Vortex Important for Monsoon Onset over Kerala ?	oral	11.36-11.48
PORSEC2012-13-00001	Mathew Roxy	Spatial variability of intraseasonal SST-precipitation relationship over the Indian Ocean and South China Sea.	oral	11.48-12.00
PORSEC2012-13-00007	Suresh Raju C	Microwave Radiometer and GPS Observations of Precipitable Water Vapor during Indian Monsoon over tropical costal station Trivandrum	oral	12.00-12.12
PORSEC2012-13-00009	Ms. Swati Shewale	Simulation of Indian Summer Monsoon Rainfall in NCEP Climate Forecast System (CFSv2)	oral	12.12-12.24
PORSEC2012-13-00006	Hamza Varikoden	Variations of Intraseasonal Oscillation During Wet and Dry Monsoon Years	oral	12.24-12.36
PORSEC2012-13-00014	Nizy Mathew	Detection of deep convection over the Indian region using AMSU-B water vapour sounding channels: In prespective of monsoon studies	oral	12.36-12.48

Day-3, 7th November 2012

PORSEC2012-13-00011	Jayakumar.A	Signature of intra-seasonal variability in the Somalian Upwelling region from different satellite observations during boreal summer	oral	12.48-13.00
PORSEC2012-13-00002	N.Puvirasan	South-West Monsoon Onset, Advance and Withdrawal over Indian subcontinent A study from PW measurements using ground based GPS	poster	Precis poster presentation: 13.00-13.10 Poster display 07-11-2012
PORSEC2012-13-00008	Sachiko Mohanty	Hindcast Skill of Indian Summer Monsoon Rainfall in Coupled and Uncoupled version of NCEP Climate Forecast System	poster	
PORSEC2012-13-00012	S Ramalingeswara Rao	Variability and Extreme Heavy Northeast Monsoon Rainfall over Tamilnadu Meteorological Sub-division	poster	
PORSEC2012-31-00048	MVS Ramarao	Future changes in land - atmosphere processes over Indian monsoon region in LMDz high resolution climate projections	poster	

Session 9: Air-Sea Interactions &
 Session 12: Turbulent and Radiative Fluxes Estimated from Remotely Sensed Data

Day-3, 7th November 2012

PORSEC2012-12-00003	A Bentamy	Enhancement of oceanic turbulent fluxes estimated from remotely sensed data	oral	14.00-14.24
PORSEC2012-09-00004	KV Chacko	Annual and Inter-annual Variation of Arabian Sea Warm Pool and Monsoon Onset over Kerala.	oral	14.24-14.36
PORSEC2012-09-00005	Hiroto Abe	Sea surface current variations around the Kuroshio Extension induced by the West Pacific tele connection pattern	oral	14.36-14.48
PORSEC2012-09-00008	Latha R	Influence of air-sea interaction on observed CO2 trend at a tropical coastal site, Goa, India	oral	14.48-15.00
PORSEC2012-09-00007	Soumi Chakravorty	Spring asymmetric mode in the tropical Indian Ocean: Role of El Niño and IOD	oral	15.00-15.12
PORSEC2012-09-00012	Atsushi Okuro	Inter comparison of various global sea surface temperature products	oral	15.12-15.24
PORSEC2012-09-00019	S Rahul	Uncertainties in the net heat flux trend over the Indian Ocean	oral	15.24-15.36
PORSEC2012-09-00026	MV Rao	Inter and intra seasonal variation of evaporation rates over North Indian Ocean using satellite data during summer monsoon periods of 2001-2005	oral	16.00-16.12

Day-3, 7th November 2012

PORSEC2012-09-00024	Alexander Soloviev	Effect of Surfactants on Sea Surface Temperature and Salinity Under Low Wind Speed Conditions	oral	16.12-16.24
PORSEC2012-09-00009	Gibies George	Identify the regions of strong dynamic coupling between Ocean and Atmosphere related to the seasonal prediction of South Asian Monsoon	Poster	Precis poster presentation: 16.24-17.30 Poster display 07-11-2012
PORSEC2012-09-00013	Tsutomu Hihara	Improvement of an algorithm estimating surface air specific humidity from satellite data	Poster	
PORSEC2012-09-00014	Vijaykumar P	Cloudiness in the windward and leeward sides of Western Ghats using Kalpana-1 VHRR IR Data	Poster	
PORSEC2012-09-00015	Denny P. Alappattu	Air Sea fluxes over Indian Sector of Southern Ocean using satellite and in-situ data	Poster	
PORSEC2012-09-00016	Yashvant Das	Studies on some aspects of meteorological parameters associated with Tropical cyclone 05B 1999 using model output and satellite data	Poster	
PORSEC2012-09-00017	GR Chinthalu	La-Nina its role in excess rainfall and flooding during India summer monsoon	Poster	
PORSEC2012-09-00018	Jayakrishnan PR	Variability of Heat budget components over the Arabian Sea and Bay of Bengal during active and weak phases of monsoon	Poster	

PORSEC2012-09-00027	Navaneeth KN	Ocean-atmosphere interaction over tropical Indian Ocean during ENSO and IOD years	Poster	Precis poster presentation: 16.24-17.30 Poster display 08-11-2012
PORSEC2012-09-00028	Kiran Salunke	Diurnal cycle induced amplification of Sea Surface Temperature Intraseasonal Oscillation over the Bay of Bengal in Summer Monsoon Season	Poster	
PORSEC2012-09-00031	S Meenu	Satellite observations of the dependence of cloud occurrence on the SST and large scale atmospheric dynamics over the tropical Indian Ocean	Poster	
PORSEC2012-09-00033	Sivakumar KU	Long term trends of moisture flux and monsoon rainfall over the peninsular India	Poster	
PORSEC2012-09-00035	Nuncio Murukesh	High frequency variability of the subtropical front	Poster	
PORSEC2012-12-00001	Ruchith R D	Fine structure and Time evolution of Monsoon LLJ: An observational study	Poster	
PORSEC2012-12-00006	RT Pinker	Estimating Accuracies in the Net Heat Flux over the Atlantic Ocean	Poster	
PORSEC2012-31-00002	Ipsita Putatunda	Vertical Profiles Of Latent Heating In TRMM data	Poster	

SARABAH I HALL (FLOOR-1)

Session 7 (continued..)

Remote Sensing Applications in Marine Ecosystem studies including algal bloom monitoring

PORSEC2012-07-00001	Marlon Lewis	Integrating Global Phytoplankton data from 1890 to 2010	oral	11.00-11.12
PORSEC2012-07-00027	Nandini Menon N	Variability in Indian oil sardine landings in the coastal waters off Kerala – A Remote sensing analysis	oral	11.12-11.24
PORSEC2012-07-00042	N Srinivasa Rao	Fresh Water Plume Tracers in the Bay of Bengal - A Remote Sensing Perspective	oral	11.24-11.36
PORSEC2012-07-00036	Ramesh Singh	Atmosphere-Ocean Coupling Associated with Dust Events	oral	11.36-11.48
PORSEC2012-07-00022	Stephanie King	Temporal and spatial variability of Sargassum in the Gulf of Mexico and Atlantic	oral	11.48-12.00
PORSEC2012-07-00023	Anton Korosov	Mapping of zones with coherent dynamics of satellite derived variables for studying spring phytoplankton bloom	oral	12.00-12.12
PORSEC2012-07-00028	Legendre, Louis	An optical-based approach to estimate carbon sequestration in the deep ocean from surface export	oral	12.12-12.24

PORSEC2012-07-00014	Rahul Rajan	Physical and biological Parameters in relation to Indian Oil Sardine fishery along West coast of India.	oral	12.24-12.36
PORSEC2012-07-00002	Lix	Effect of coastal sedimentary processes on the Pulicat lagoon water quality	poster	Precis poster presentation: 12.36-13.00 Poster display 07-11-2012
PORSEC2012-07-00005	Bijeesh Kozhikkodan Veettil	Study of recent shrinkage of the Dead Sea - A remote sensing approach	poster	
PORSEC2012-07-00021	D Swain	Cyclone Edzani induced biophysical processes over the oligotrophic waters of South Indian Ocean subtropical gyre	poster	
PORSEC2012-07-00032	D Ruby	Marine Litter Monitoring A Green Programme For Conservation Of Coastal Ecosystem Using Gis	poster	
PORSEC2012-07-00033	J Kishore Ananth	Geological Oceanography monitoring by GIS and Remote sensing	poster	
PORSEC2012-07-00037	M N Raghavendra Sreevathsa	Assimilation Experiments Using Satellite Derived Sea Surface Salinity From Aquarius In a OGCM	poster	

Day-3, 7th November 2012

PORSEC2012-07-00038	Hsueh-Jung Lu	Changes in sea surface temperature and biodiversity from a set-net catch in the northeastern Taiwan during 1993-2011	poster	Precis poster presentation: 12.36-13.00 Poster display 07-11-2012
PORSEC2012-07-00040	Ety Parwati	Integrated Management Model Of Watershed Coastal and Marine (Case Study of Berau Delta, East Kalimantan).	poster	
PORSEC2012-07-00026	Ajith Joseph K	Synergistic use of Altimeter and Ocean colour data to study the role of geostrophic currents in modulating surface chlorophyll distribution along the SW coast of India.	poster	
PORSEC2012-07-00029	Jenson V. George	Physical control on the chlorophyll variability in the Seychelles Chagos Thermocline Ridge	oral	14.00-14.12
PORSEC2012-07-00030	Lix John K	Study of Thermal Stress over the Coral reef regions in the North Indian Ocean: A comparative study between the year 2010 and 2011.	oral	14.12-14.24
PORSEC2012-07-00031	Shambarova Julianna	Primary production distribution by satellite data in the Sea of Japan from 2003 to 2010	oral	14.24-14.36
PORSEC2012-07-00034	Dmytro Solovyov	Influence of the Anomalous Atmospheric Impacts on Marine Ecosystems of the Black and Caspian Seas Detected by Remote Sensing Data	oral	14.36-14.48

Day-3, 7th November 2012

PORSEC2012-07-00041	Wikanti Asriningrum	Reef landforms identification in Wakatobi, Indonesia using Landsat imagery	oral	16.00-16.12
PORSEC2012-07-00010	SG Prabhu Matondkar	The bloom of the dinoflagellate (<i>Noctiluca miliaris</i>) in the North Eastern Arabian Sea: Ship and Satellite study	oral	16.12-16.24
PORSEC2012-07-00024	KVK Rama Krishna Patnaik	Study on the variability of chlorophyll-a concentration in the Bay of Bengal and in particular along the east coast of India in changing climatic conditions.	oral	16.24-16.36
PORSEC2012-07-00020	B Jena	Satellite observations of oligotrophic gyre variability in the southern Indian Ocean	oral	16.36-16.48
PORSEC2012-07-00017	Chen Yongqiang	Satellite remote sensing monitoring 2010 Zhongsha Islands coral bleaching event in the South China Sea	oral	16.48-17.00
PORSEC2012-07-00011	Gay Jane P Perez	Phytoplankton Blooms and Primary Productivity Around the Philippines	oral	17.00-17.12

Panicker Hall (Floor-3)

Session 27: Indian Ocean Observations and Modelling

PORSEC2012-27-00014	Julian P McCreary	Oxygen Minimum Zones in the Northern Indian Ocean	oral	11.00-11.24
PORSEC2012-27-00031	Laure Resplandy	Physical and biogeochemical processes controlling the OMZ in the Arabian Sea.	oral	11.24-11.36
PORSEC2012-27-00032	Satya Prakash	Oxycline variability in the Arabian Sea	oral	11.36-11.48
PORSEC2012-27-00021	Rajeshwary Chauhan	Biomass, Production and Trophic Role of Copepod in the Arabian Sea	oral	11.48-12.00
PORSEC2012-27-00009	Simi Mathew	Freshening Of The Northern Bay By High River Discharges During The Southwest Monsoon Of 2011	oral	12.00-12.12
PORSEC2012-27-00011	Rachid Benshila	The upper Bay of Bengal salinity structure in a high-resolution model	oral	12.12-12.24
PORSEC2012-27-00012	VP Akhil	Processes driving the seasonal salinity evolution in the Bay of Bengal	oral	12.24-12.36

PORSEC2012-21-00001	Alexander Soloviev	Signatures of Near-Surface Buoyancy-Driven Currents and Internal Waves in SAR Imagery and Magnetic Field	oral	12.36-12.48
PORSEC2012-27-00022	Anuradha Modi	Indian Ocean response to atmospheric freshwater fluxes during coupled ocean atmospheric variability	oral	12.48-13.00
PORSEC2012-27-00007	PSV Jagadeesh	Eddy effect on salinity structure off Visakhapatnam during winter	oral	14.00-14.12
PORSEC2012-27-00010	Goutam Kumar Sen	Nonlinear Interaction of Tide in Estuarine Sundarban	oral	14.12-14.24
PORSEC2012-27-00018	A Raghunadha Rao	Why the cyclonic eddy embedded in the Laccadive high is present during December?	oral	14.24-14.36
PORSEC2012-27-00020	PA Maheswaran	Observed intra-seasonal variability of water properties in the South-Eastern Arabian Sea between the fall inter-monsoon, winter monsoon of 2000 and summer monsoon of 2001	oral	14.36-14.48
PORSEC2012-27-00044	A.Mukherjee	Near Inertial currents off the east coast of India	oral	14.48-15.00
PORSEC2012-27-00027	VSN Murty	Seasonal cycle of zonal currents from ADCP observations in the equatorial Indian Ocean	oral	15.00-15.12

Day-3, 7th November 2012

PORSEC2012-27-00042	Gad Levy	Diagnosing ITCZ structure over the Indian Ocean from Satellite Observations	oral	15.12-15.24
PORSEC2012-27-00057	P Divakaran	Mesoscale circulation of the Southeast Indian Ocean	oral	15.24-15.36
PORSEC2012-27-00003	MV Martin	Unusual Surface Chlorophyll-a Bloom in the Southwestern Bay of Bengal During Winter 2005	Poster	Precis poster presentation: 16.00-17.30 Poster display 07-11-2012
PORSEC2012-27-00023	Arthi Simon J R	A model to derive Bioluminescence field in coastal waters	Poster	
PORSEC2012-27-00034	Abhisek Chatterjee	North Indian Ocean Atlas of Temperature and Salinity	Poster	
PORSEC2012-27-00037	Rajeshwary Chauhan	Secondary Production and Transfer Efficiency of Copepod in the Arabian Sea	Poster	
PORSEC2012-27-00047	Chinnu S	Seasonal variability of zonal currents in the Eastern Equatorial Indian Ocean using ADCP observations.	Poster	
PORSEC2012-27-00053	Gokul Chenthamara	Oxygen minimum zone in Bay of Bengal: an analysis of Argo-oxygen data	Poster	

PORSEC2012-31-00019	Jineesh VK	Meso-scale process induced variation in the West Indian Coastal Current structure during winter monsoon	Poster	<p>Precis poster presentation: 16.00-17.30</p> <p>Poster display 08-11-2012</p>
PORSEC2012-31-00040	PraveenKumar	Spatial variability of the seasonal cycle of temperature and salinity in the Arabian Sea	Poster	
PORSEC2012-31-00049	Smitha B R	Coastal dynamics of South Eastern Arabian Sea during Fall Inter Monsoon (FIM)	Poster	
PORSEC2012-27-00008	Keerthi M G	Interannual and Intraseasonal Variability of Mixed Layer Depth in Tropical Indian Ocean	Poster	
PORSEC2012-27-00016	Miss Fousiya T.S	The subsurface processes associated with Intra-seasonal Oscillations in the Bay of Bengal	Poster	
PORSEC2012-27-00017	Arun Kumar SVV	Application of Cross-calibrated multi-platform (CCMP) winds in Numerical wave modeling	Poster	
PORSEC2012-27-00019	J.Vimala	Classification of deep and shallow water wave spectrum using Beaufort scale	Poster	
PORSEC2012-27-00048	V Vijith	Tidal currents along the east coast of India	Poster	

Day-3, 7th November 2012

PORSEC2012-31-00030	Parvathi V	Effect of pressure biases on temperature and salinity profiles from Argo profiling floats in the Bay of Bengal	Poster	
PORSEC2012-31-00037	Joshua Rosario D Mello	Spatially-differentiated warming signal in the Arabian Sea	Poster	
PORSEC2012-31-00039	Anoopa Prasad C	Evolution of Arabian Sea Watermass and its inter-annual variability	Poster	

Day-4

8th November 2012

0900-1030 Hrs : Plenary Talks

Venue : Aryabhata Hall (Floor 4)

1. Pathways of extended 'breaks' in the Indian summer monsoon

R Krishnan

Indian Institute of Tropical Meteorology (IITM), Pune, India

2. Predictability of the Subtropical Dipole Modes in the Atlantic and Indian Oceans

Toshio Yamagata

Application Laboratory, JAMSTEC, Yokohama, Japan

ARYABHATTA HALL (FLOOR-4)

Session 16: Calibration and validation of satellite data

PORSEC2012-16-00002	Vladimir Karaev	First algorithm for retrieval the variance of slopes of sea waves by altimeter data	oral	11.00-11.12
PORSEC2012-16-00003	Panfilova Mariya	The two-parameter algorithm for wind speed retrieval by PR data	oral	11.12-11.24
PORSEC2012-16-00004	Joel Rojas Acuna	Estimation and Validation of the Peruvian Sea Surface Temperature using imagery from AVHRR/NOAA and in situ data with Pacha Ricaj Software	oral	11.24-11.36
PORSEC2012-16-00009	Utkarsh Tyagi	Multi Mission In-situ Data Archival & Dissemination over WWW for Calibration & Validation	oral	11.36-11.48
PORSEC2012-16-00010	D Poornima	Validation of Ocm-2 Sensor Performance in Retrieving Chlorophyll and TSM along The Southwest Bay of Bengal Coast	oral	11.48-12.00
PORSEC2012-16-00011	Hiroto Abe	Evaluation of sea surface salinity observed by Aquarius	oral	12.00-12.12
PORSEC2012-16-00012	Ch Ramu	Validation of Microwave Remote sensing data with Argo near Surface Temperature over the Indian Ocean	oral	12.12-12.24

PORSEC2012-16-00013	Smitha Ratheesh	Validation of satellite derived ocean surface salinity in the Indian Ocean	oral	12.24-12.36
PORSEC2012-16-00015	N Sravanthi	Validation of Suspended Sediment Concentrations derived from Satellite Data with in-situ Measurements	oral	12.36-12.48
PORSEC2012-16-00019	SB Choudhury	Validation of Chlorophyll-a algorithms in the coastal estuarine waters along the east coast of India using OCM-2	oral	11.24-11.36
PORSEC2012-16-00020	Madan Mohan Mahanty	Comparison of ASCAT derived winds with in-situ buoy measured winds during JAL cyclone	oral	14.00-14.12
PORSEC2012-16-00017	Susan Thomas	Sensor Characterization of the Clouds and the Earth's Radiant Energy System (CERES) sensors on EOS-Terra, EOS-Aqua and NPP Spacecraft	oral	14.12-14.24
PORSEC2012-16-00018	G.Mary Diviya Suganya	Qualitative and Quantitative Analysis of Coastal Land use / Land cover Change for Mahanadi delta - Orissa Coast	oral	14.24-14.36
PORSEC2012-16-00023	Gad Levy	Validation of MODIS Aerosol Optical Thickness (OAT) over the Indian Ocean with Field Observations	oral	14.36-14.48
PORSEC2012-16-00016	Yogdeep Desai	Post-launch calibration of OCM-2 using moon	oral	14.48-15.00

PORSEC2012-16-00001	Titchenko Yu.	The use of an underwater acoustical wave gauge for measurement of sea surface parameters	oral	15.12-15.24
PORSEC2012-16-00005	C.P. Simha	Validation of OCM-II AOT over EEZ and Coastal Region in Arabian Sea	oral	15.24-15.36
PORSEC2012-16-00006	K N Babu	OCM2 vicarious calibration over Kavaratti CAL-VAL site	oral	16.00-16.12
PORSEC2012-16-00007	K N Babu	OCM2 geo-physical products validation over Kavaratti CAL-VAL site	oral	16.12-16.24
PORSEC2012-16-00021	Ch V Chiranjivi Jayaram	Validation of salinity from SMOS satellite using Argo near surface salinity in the Tropical Indian Ocean	oral	16.24-16.36
PORSEC2012-16-00008	Viju Oommen Joh	Inter-calibrated radiance data set of microwave humidity sounders for climate monitoring	oral	16.36-16.48
PORSEC2012-31-00057	Sampad Kumar Panda	GPS Derived Ionospheric Tec Response Over Southern Part Of Indian Subcontinent Due to Solar Activity Events	oral	16.48-17.00
PORSEC2012-16-00014	VR Shamji	Validation Of OMNI Buoy SST With AMSRE During Summer Monsoon In Bay Of Bengal	oral	17.00-17.12

PISHAROTY HALL (FLOOR-2)

Session 9&12 (continued..)

Session 9: Air-Sea Interactions &

Session 12: Turbulent and Radiative Fluxes Estimated from Remotely Sensed Data

PORSEC2012-09-00029	J Venkata Ratnam	Simulations of the Indian Ocean Dipole and its impacts with WRF coupled to a simple mixed layer model	oral	11.00-11.12
PORSEC2012-09-00030	CW June Chang	Oceanic Dynamics Associated With ENSO In Affecting The SST Variation In The Western Pacific / Philippine Sea Sector	oral	11.12-11.24
PORSEC2012-12-00002	Hiroyuki Tomita	Evaluation of satellite derived surface turbulent heat flux over the Kuroshio Extension region	oral	11.24-11.36
PORSEC2012-09-00003	R Harikumar	Validation of computed air-sea heat fluxes from NCMRWF using RAMA buoy observations	oral	11.36-11.48
PORSEC2012-09-00025	Ramesh Kumar Yadav	Emerging role of Indian Ocean on Indian winter precipitation	oral	11.48-12.00

Day-4, 8th November 2012

PORSEC2012-09-00010	Vikram M. Mehta	Interannual Variability of Tropical Warm Pools in Remote Sensing Based and ECCO-assimilated Oceanographic Data Sets	oral	12.00-12.12
PORSEC2012-12-00004	Pradeep Kumar Thapliyal	A 10-year Database of Net Surface Shortwave Radiation over the Tropical	oral	12.12-12.24
PORSEC2012-12-00005	A Mestas-Nunez	What have we learned so far from climatic applications of air-sea satellite turbulent fluxes?	oral	12.24-12.36
PORSEC2012-12-00007	Rachel T Pinker	Cloud and Radiation Variability over the Indian Monsoon Region as Observed from Satellites	oral	12.36-12.48

PISHAROTY HALL (FLOOR 2)

Day-4, 8th November 2012

Session 14: Aerosols and Climate

PORSEC2012-14-00001	Pavel Kishcha	Population Growth over the Indian Subcontinent and Aerosol Optical Thickness Trends over the Surrounding Sea Areas	oral	14.00-14.12
PORSEC2012-14-00002	Shalin S	Temporal variability of aerosol optical depth over coastal area off the southwest coast of India	oral	14.12-14.24
PORSEC2012-14-00004	Shilpa Shirodker	Interannual variability of aerosol radiative properties over Goa	oral	14.24-14.36
PORSEC2012-14-00005	Binita Pathak	Absorbing and scattering properties of boundary layer aerosols over Dibrugarh, North East India	oral	14.36-14.48
PORSEC2012-14-00009	Mahesh P	Observations of aerosol optical properties over Hyderabad using one year sun/sky radiometer measurements	oral	14.48-15.00
PORSEC2012-14-00014	Trisanu Barik	Effect of Atmospheric Aerosol on Lightning activity during 1998-2011 over North -East India	oral	15.00-15.12
PORSEC2012-14-00013	Manabendra Maiti	Dual Frequency Radiometric Estimation of Water Vapour and Liquid Water Content over Tropical locations	oral	15.12.-15.24

Day-4, 8th November 2012

PORSEC2012-14-00006	Moussa GUEYE	Modelling Of Desert Dust Cycle And Its Impact On West African Monsoon	oral	15.24-15.36
PORSEC2012-14-00010	Treeza James	Effects of Aerosol Optical properties on Surface Fluxes	poster	Precis poster presentation: 16.00-16.10 Poster display 08-11-2012
PORSEC2012-14-00011	S.D Sanap	Aerosol induced radiative forcing over Arabian sea and its impact on sea surface temperature.	poster	
PORSEC2012-14-00012	Manabendra Maiti	Ground Based Microwave Radiometric Sensing of Rain Structure	poster	

IOCCG Session	16.10-17.00
Mentorship Programme	17.00-18.00

SARABHAI HALL (FLOOR-1)

Session 8: Precision Fisheries and Aquaculture using Remote Sensing and GIS

PORSEC2012-08-00006	Hiomichi Igarashi	Modeling of habitat suitability index for neon flying squid in the North Pacific by using satellite datasets and 3-dimensional ocean data assimilation product	oral	11.00-11.24
PORSEC2012-08-00003	VR Madhu	Observations on simultaneous trawling experiments carried out, in and outside the INCOIS notified Potential Fishing Zones (PFZ) locations along Veraval coast, Gujarat	oral	11.24-11.36
PORSEC2012-08-00014	Irene D. Alabia	Potential habitat distribution of neon flying squid in the western North Pacific from Maximum Entropy (MaxEnt) models	oral	11.36-11.48
PORSEC2012-08-00005	N Madhavan	A comparative Artificial Neural Network (ANN) and ARIMA model to forecast Sardine fish catch in Bay of Bengal.	oral	11.48-12.00
PORSEC2012-08-00002	Dhiju Das PH	Seasonal effect of Physico-Chemical Parameters in Distribution of Chlorophyll-a Concentration in Sardine shoal sited areas of South Eastern Arabian Sea, Kerala	oral	12.00-12.12
PORSEC2012-08-00007	Chia-Wei Hu	Long-term observation of Kuroshio Front and its impact on fishery dynamics in the northern Taiwan	oral	12.12-12.24

Day-4, 8th November 2012

PORSEC2012-08-00009	Kuo-Wei Yen	Spatial and temporal variation of primary productivity and skipjack tuna (<i>Katsuwonus pelamis</i>) stock in the Western and Central Pacific Ocean	oral	12.24-12.36
PORSEC2012-08-00008	Gokulnath T	A Cost Efficient Fish Locator in Marine Salt Water Using Ultrasonic Sensor and LED	poster	Precis poster presentation: 12.36-13.00 Poster display 08-11-2012
PORSEC2012-08-00015	Sei-Ichi Saitoh	Potential impact of climate variability on Japanese scallop aquaculture in southern Hokkaido, Japan	poster	
PORSEC2012-31-00012	Pravakar Mishra	Spatio-temporal geomorphological analysis of the olive ridley turtle nesting habitats at Rushikulya river mouth, Odisha, India.	poster	
PORSEC2012-31-00021	V.P.Sathiyabama	Assessment of coastal pollution using Remote sensing & GIS for Karaikal Coast	poster	
PORSEC2012-31-00024	Vasant Kripa	An evaluation of impact of climate change on the spawning of selected marine fishes in the Arabian Sea and Bay of Bengal	poster	
PORSEC2012-31-00031	Ankita Misra	Spatio-temporal variations of mangroves in the Mandovi Zuari estuaries of Goa	poster	

PORSEC2012-31-00033	S Chenthamil Selvan	Assessment of Shoreline Changes along Karnataka Coast, India using GIS and Remote Sensing Techniques	poster	Precis poster presentation: 12.36-13.00 Poster display 08-11-2012
PORSEC2012-31-00034	Vivek Gouda	Analysis of Shoreline Change in Gulf of Cambay	poster	
PORSEC2012-31-00035	M.K. Rafeeqe	Management of coastal ecosystems in urban areas through CRZ using remote sensing and GIS	poster	
PORSEC2012-31-00042	Jajnaseni Rout	Delineation Of Aquaculture Area In And Around Chilika Lake Through Remote Sensing And Gis Technology	poster	
PORSEC2012-31-00045	B Rajan	Assessment of Shoreline Changes along Chennai Coast,	poster	
PORSEC2012-31-00047	I. M.Radjawane	Coastal Vulnerability Assessment of Indonesia Waters	poster	
PORSEC2012-08-00010	Aneesh Kumar K V	Correlation between the performance of artisanal longlines and remote sensed oceanographic parameters in Lakshadweep Sea	oral	14.00-14.12

Day-4, 8th November 2012

PORSEC2012-08-00011	Satsuki Matsumura	Effective fishing with satellite information and effective fish catch regulation for sustainable fisheries	oral	14.12-14.24
PORSEC2012-08-00013	Sei-Ichi Saitoh	Potential impact of global warming on skipjack tuna (<i>Katsuwonus pelamis</i>) habitat in the western North Pacific	oral	14.24-14.36
PORSEC2012-08-00012	Jagath Rajapaksha	Enhancement of Fishery Forecasting System of Sri Lanka incorporating Satellite Data: Case Study on Yellowfin Tuna (<i>Thunnus albacores</i>)	oral	14.36-14.48
PORSEC2012-08-00004	Ming-An Lee	Effects of long-term sea surface temperature variability on the gray mullet (<i>Mugil cephalus</i> L.) fishery in the Taiwan Strait	oral	14.48-15.00

Session 5: Trichodesmium phenomenon

Day-4, 8th November 2012

PORSEC2012-05-00001	Sushma G Parab	Distribution and Ecology of the Trichodesmium spp. in the Arabian Sea: Ship and Satellite studies	oral	16.00-16.12
PORSEC2012-05-00005	Vinayak V Kulkarni	Inter and intra annual variations in micro-diazotrophs abundance in the Bay of Bengal	oral	16.12-16.24
PORSEC2012-05-00002	Jim Gower	Global remote sensing of Trichodesmium using MERIS	oral	16.24-16.36
PORSEC2012-05-00006	Ajit Subramaniam	An Overview of Remote Sensing of Trichodesmium	oral	16.36-16.48
PORSEC2012-05-00004	DUPOUY	An algorithm for detecting Trichodesmium surface blooms in the South Western Tropical Pacific	oral	16.48-17.00
PORSEC2012-05-00003	Satya Prakash	New Estimates of Dinitrogen Fixation in the Arabian Sea	oral	17.00-17.12

Day-4, 8th November 2012

PANICKER HALL (FLOOR-3)

Session 27 continued

Session 27: Indian Ocean Observations and Modelling

PORSEC2012-27-00025	Ravi S Nanjundiah	Indian Monsoon-Indian Ocean Linkages in Coupled Models	oral	11.00-11.24
PORSEC2012-27-00013	Sayantani Ojha	The Interannual Variability In The Arabian Sea Barrier Layer Thickness	oral	11.24-11.36
PORSEC2012-27-00005	C Gnanaseelan	Impact of Indian Ocean Dipole and El Niño forcing on the Wyrтки jets	oral	11.36-11.48
PORSEC2012-27-00051	Aditi Deshpande	Evolution of SST and thermocline variations in East Equatorial Indian Ocean during strong and weak IOD events.	oral	11.48-12.00
PORSEC2012-27-00033	Rohith B	Warming Trends in The Indian Ocean and The Heat Budgets from The Ocean General Circulation Models	oral	12.00-12.12

PORSEC2012-27-00054	Ilya V. Serykh	On Some Disturbances Within Climatic System of Indian Ocean Region Forced by El Niño Events	oral	12.12-12.24
PORSEC2012-27-00004	A G Nidheesh	Decadal sea-level variability over the tropical Indo-Pacific	oral	12.24-12.36
PORSEC2012-31-00052	YVB Sarma	Long-term changes in sea surface temperature and associated shifts in marine environment around Oman	oral	12.36-12.48
PORSEC2012-27-00028	R Harikumar	Intra-seasonal variability of Indonesian throughflow using MOM-GODAS	oral	14.00-14.12
PORSEC2012-27-00030	Sudheer Joseph	Validation of HYCOM Simulated Sea Level and Surface Currents	oral	14.12-14.24
PORSEC2012-27-00050	V Thushara	Sensitivity of sea surface temperature simulation in an Indian Ocean model to surface forcing	oral	14.24-14.36
PORSEC2012-27-00036	Amol Prakash	Observational evidence for remotely forced waves along the west coast of India	oral	14.36-14.48
PORSEC2012-27-00035	Abhisek Chatterjee	Low Frequency Yanai Waves in the Western Equatorial Indian Ocean	oral	14.48-15.00

Day-4, 8th November 2012

PORSEC2012-27-00001	Suneet Dwivedi	Quantifying Predictability Of The Indian Ocean Using Finite Time Lyapunov Exponent	oral	15.00-15.12
PORSEC2012-27-00002	Smitha Ratheesh	An EnOI assimilation of altimeter data in POM model of the Indian Ocean	oral	15.12-15.24
PORSEC2012-29-00013	Swadhin Behera	The state of the art in ocean forecasting	oral	16.00-16.12
PORSEC2012-27-00043	S Siva Reddy	Impact of In-situ Ocean Observation systems on Indian Ocean analysis	oral	16.12-15.24

Day-5

9th November 2012

1300-1330 Hrs : Valedictory Function

1500 Hrs : Local Tour

Day-5, 9th November 2012

ARYABHATTA HALL (FLOOR-4)

Session 30: Megha-Tropiques

PORSEC2012-30-00003	Vijayasree MK	Megha-Tropiques Mission Planning, Analysis and Operations	oral	9.00-9.12
PORSEC2012-30-00005	VS Prasad	Study of Humidity Sounder Data Assimilation over India and Surrounding Regions.	oral	9.12-9.24
PORSEC2012-30-00008	Renju R	Study of Thermodynamics of Convective Cloud System using Passive Microwave Radiometry	oral	9.24-9.36
PORSEC2012-30-00009	Rishi Kumar Gangwar	Retrieval of Atmospheric Humidity Profiles from Microwave Humidity Sounder (MHS) observations onboard METOP-A	oral	9.36-9.48
PORSEC2012-30-00011	BS Gohil	Geophysical model function based retrieval of atmospheric humidity profiles from microwave humidity sounders using Bayesian approach	oral	9.48-10.00

PORSEC2012-30-00012	Pradeep Thapliyal	Extension of an improved algorithm to estimate the surface shortwave radiation over the Tropical Ocean using Megha Tropiques satellite observations	oral	10.00-10.12
PORSEC2012-30-00013	Viju Oommen John	Orbital drift correction for microwave humidity souder radiances	oral	10.12-10.24
PORSEC2012-30-00006	Nizy Mathew	Microwave Land Surface Emissivities at 89 and 150 GHz: in View of Megha-Tropiques SAPHIR data utilization	poster	Precis poster presentation: 10.24-10.30
PORSEC2012-30-00007	Tinu Antony	Characterization of Microwave Land Surface Emissivity for different surface classes : In Perspective of Megha- Tropiques Mission	poster	Poster display 09-11-2012

Aryabhata Hall (Floor-4)**Session 20: Oceanographic applications of SAR-I &****Session 21: Oceanographic applications of SAR-II****Session 22: Satellite-based research on oceanic planetary waves: Recent Advances and open questions**

PORSEC2012-20-00001	Werner Alpers	SAR observation of short internal waves trailing strong internal solitary waves in the South China Sea and their theoretical interpretation	oral	11.00-11.12
PORSEC2012-20-00007	Morten W Hansen	Monitoring the surface inflow of Atlantic Water to the Nordic Seas using Envisat ASAR	oral	11.12-11.24
PORSEC2012-20-00003	Natalia V Evtushenkor	Oil seeps in the Eastern Black Sea studied with the ERS-1/2 and Envisat SAR images	oral	11.24-11.36
PORSEC2012-20-00012	Abhisek Chakraborty	Retrieval of High Resolution (sub kilometer) ocean surface winds from RISAT-1 SAR	oral	11.36-11.48
PORSEC2012-22-00001	Tatyana Belonenko	Kinematics of the standing-progressive waves of Rossby in the sea and ocean	oral	11.48-12.00
PORSEC2012-22-00002	AA Fernandes	Interannual Variation Of SST and SLH In The Indian And Pacific Oceans Using EOF and CEOF Analyses	oral	12.00-12.12
PORSEC2012-22-00003	A Raghunadha Rao	Role of Rossby waves in the inter-annual variability of eddies associated with East India Coastal Current in the Bay of Bengal	oral	12.12-12.24

PORSEC2012-20-00002	Andrei Ivanov	Foehn over the South-Eastern Black Sea imaged and studied with SAR	poster	Precis poster presentation: 12.24-12.45 Poster display 09-11-2012
PORSEC2012-20-00005	Rajasekhar M	Oceanic Internal Waves in North Bay of Bengal : SAR observations	poster	
PORSEC2012-20-00008	Natalia V. Evtushenko	Use of SAR images and AIS data for large oil spills detection and polluter identification in the Black Sea	poster	
PORSEC2012-20-00009	Jennie Jin	SeaSpace's OceanView Maritime Awareness System	poster	
PORSEC2012-20-00011	Gad Levy	X-band SAR Observations of Maritime Rainfall	poster	
PORSEC2012-21-00002	Xiaofeng Li	SAR detection and model tracking of natural and man-made oil slicks on the ocean surface	poster	
PORSEC2012-21-00005	XianWen Ding	SAR monitoring of coastline changes of Lingang New City, Shanghai, China	poster	
PORSEC2012-21-00008	Shaohui Jin	Hurricane eye information extraction using SAR image segmentation based on Non-local means algorithm and labeled watershed	poster	
PORSEC2012-21-00009	Chan-Su-Yang	Simultaneous Monitoring of Ships Using RASAR, AIS and SAR	poster	
PORSEC2012-31-00032	Phiros Shah	Influence of IOD events on coastal dynamics along the west coast of India	poster	

PISHAROTY HALL (FLOOR-2)

Session 28: Ocean remote sensing data management and dissemination

PORSEC2012-28-00006	SambasivaRao Baragada	Ocean Data and Information System Online Remote Sensing Met-Ocean Data Services	oral	9.00-9.12
PORSEC2012-28-00008	Ghansham Sangar	Ocean Image Analysis Software:- A powerful data analysis and visualization tool for Ocean Data	oral	9.12-9.24
PORSEC2012-28-00013	KV Chandra Sekhar	Oceansat-2 data products - types, levels and dissemination	oral	9.24-9.36
PORSEC2012-28-00010	Nitant Dube	Performance Improvements in Oceansat-2 (OCM) Data Products Generation Software: A Step towards Near Real Time Data Products Generation Capability	oral	9.36-9.48
PORSEC2012-28-00012	Malay Adhikari	Role of Law in Ocean Remote Sensing Data Management and Dissemination in Reference to Developing Countries	oral	9.48-10.00
PORSEC2012-28-00007	MV Rao	Geographic Information System Approach in Marine Sciences - Indian Scenario	oral	10.00-10.12
PORSEC2012-28-00011	TVS Udaya Bhaskar	Dissemination of Indian Ocean spatial data through INCOIS Live Access Server	oral	10.12-10.24

PORSEC2012-28-00001	Ruchi Modi	Oceansat-2 Value Added Products Generation: Scheduler and Data Dissemination	poster	Precis poster presentation: 10.24-10.36 Poster display 09-11-2012
PORSEC2012-28-00002	P Yunus Ali	Suspended Sediment Concentrations and their dynamics in coastal waters of Kerala, India, derived from high resolution Ocean Colour data of OCM Sensor	Poster	
PORSEC2012-28-00003	M Harikrishnan	Simulation of coastal hydrodynamics of west coast of India using ECMWF & Quick-SCAT winds	Poster	
PORSEC2012-28-00004	Romanova Vera Igorevna	Analysis of forming peculiarities of seismoacoustical signals, reverberation and noises for coherent seismoacoustical sensing of the seabed	Poster	
PORSEC2012-28-00009	OPN Calla	Delineating RFI prone areas using SMOS Satellite Data	Poster	
PORSEC2012-31-00051	A Prabhavathy	Integration of Sound Signature in Graphical Password Authentication System	Poster	

SARABHAI HALL (FLOOR-1)

Session 26: Role of Oceans in Carbon and Water Cycle

PORSEC2012-26-00002	W Timothy Liu	Carbon Dioxide Fugacity and Ocean-atmosphere Exchange	oral	9.00-9.24
PORSEC2012-26-00010	PJ Vidya	Inter-annual variability of biogenic flux in the northern Bay of Bengal: Role of upper ocean physics and Meso-scale eddies	oral	9.24-9.36
PORSEC2012-26-00005	M K Sharada	Study of complex model of biogeochemical cycles in the northern Indian Ocean	oral	9.36-9.48
PORSEC2012-26-00013	IM Radjawane	Estimating the Air-Sea CO ₂ Flux Exchange in the Indonesian Seas	oral	9.48-10.00
PORSEC2012-26-00014	Priya P	Modeling the Hydrological Response of Extreme Events	oral	10.00-10.12
PORSEC2012-31-00053	Jayalakshmi KJ	Biological response of the south western Bay of Bengal (SW-BoB) to the winter monsoon 2005 cyclonic gyre	oral	10.12-10.24
PORSEC2012-31-00055	Smita Mitbavkar	Seasonal and spatial distribution of picophytoplankton in the Bay of Bengal	oral	11.00-11.12
PORSEC2012-26-00011	Tamoghna Acharyya	Impact of Fresh Water Discharge on the Seasonal and inter-annual Variation of Chlorophyll a in the Godavari River Plume	oral	11.12-11.24

PORSEC2012-26-00012	Jagadish S Patil	Spatial patterns of micro phytoplankton seasonal cycles in the Bay of Bengal	oral	11.24-11.36
PORSEC2012-26-00004	Madhumita Tripathy	Modeling of Photosynthetically Available Radiation (PAR) in various aerosols and cloud cover condition and its effect on ocean primary productivity.	oral	11.36-11.48
PORSEC2012-26-00008	VVSS Sharma	Estimation of surface pCO ₂ from satellite temperature, and salinity	oral	11.48-12.00
PORSEC2012-26-00009	Lengaigne Matthieu	Contribution Of Hurricanes To The Air-Sea CO ₂ Flux: A Global View	oral	12.00-12.12
PORSEC2012-31-00003	Tania Belonenko	Disposal of radioactive waste in the thermal waters at the Pacific Ocean	poster	Precis poster presentation: 12.12-12.20 Poster display 09-11-2012
PORSEC2012-31-00020	P Sampath kumar	Seasonal variations of physico-chemical parameters and nutrients in Pondicherry- Nagapattinam coastal waters, Southeast coast of India	poster	
PORSEC2012-31-00041	Rajath R Chitari	Distribution of Ceratium in the Bay of Bengal	poster	

PANICKER HALL (FLOOR-3)

Session 27 continued

Session 27: Indian Ocean Observations and Modelling

PORSEC2012-27-00040	Meenakshi Chatterjee	Tidal Variations in the Sundarbans Estuarine System, India	oral	9.00-9.24
PORSEC2012-27-00041	Meenakshi Chatterjee	Variations of Salinity in the Sundarbans Estuarine System, India	oral	9.24-9.36
PORSEC2012-27-00010	Goutam Kumar Sen	Nonlinear Interaction of Tide in Estuarine Sundarban	oral	9.36-9.48
PORSEC2012-27-00024	V Vijith	Numerical modelling of estuarine plume from the Mandovi and Zuari, two monsoonal estuaries in Goa	oral	9.48-10.00
PORSEC2012-27-00029	MP Subeesh	Tidal currents along the shelf off the west coast of India	oral	10.00-10.12

PORSEC2012-27-00052	Sindhu B	Simulation of major tidal constituents in the Bay of Bengal	oral	10.12-10.24
PORSEC2012-27-00049	Sisir kumar patra	Sea and Swell off Cuddalore, East coast of India	oral	11.00-11.12
PORSEC2012-31-00025	Dennis Trizna	Compact HF Radar for Ocean Wave Spectrum Monitoring	oral	11.12-11.24
PORSEC2012-27-00045	Sanjeev Afzulpurkar	A multi-sensor autonomous platform for fast ocean observation studies.	oral	11.24-11.36
PORSEC2012-27-00006	K Anil Kumar	Shallow water internal wave characteristics off Kochi	oral	11.36-11.48
PORSEC2012-31-00001	Y Satyanarayana	Remote seafloor sediment classification from subbottom profiler acoustic data using neuro-fuzzy technique	oral	11.48-12.00
PORSEC2012-31-00007	Sreeram Radhakrishnan	Characterization of a Shallow-water Acoustic Channel with Impulse Response Measurements off the West Coast of India	oral	12.00-12.12

Day-5, 9th November 2012

PORSEC2012-31-00011	KG Radhakrishnan	Cyclonic eddy in the southeastern Arabian Sea and its acoustic effects	oral	12.12-12.24
PORSEC2012-31-00013	Padmanabham Madathala	Measured bi-static reverberation characteristics in shallow and deep waters off the west coast of India in mid frequency band (1-10 kHz)	oral	12.24-12.36
PORSEC2012-31-00005	Najeem S	Ambient noise variability over Indian ocean due to wind and rain- A study using satellite data	oral	12.36-12.48
PORSEC2012-27-00026	OPN Calla	A model for estimating Dielectric Constant of Sea over a wide range of Sea Surface Salinity	oral	12.48-13.00



Ministry of Earth Sciences
Govt. of India



nrsc



कडलमीन™
cadalmin



T.S.K



Indian National Centre for Ocean Information Services

To provide ocean information and advisory services to the society, industry, government and scientific community through sustained ocean observations and constant improvements through systematic and focused research...

