

User Interaction Meet - 2019 22-23 January – 2019

PROGRAMME SCHEDULE

Day 1: Tuesday, January 22

Registration & Reception	Venue: NRSC Reception	08:15 - 09:30
Inaugural Session	Venue: NRSC Auditorium	09:30 - 10:30
• Invocation & Lighting of Lamp		
• Welcome Address	Shri. Santanu Chowdhury Director, NRSC	
• Address by Guest of Honour	Shri. C. Parthasarathi, I.A.S APC & Principal Secretary to Govt. (Agriculture Cooperation Dept., Govt. of Telangana)	
• Address by Guest of Honour	Dr. Subhash Ashutosh Director General, Forest Survey of India, Dehradun	
• Address by Guest of Honour	Lt. Gen. Girish Kumar Surveyor General, Survey of India, Dehradun	
• Release of Proceedings		
• Vote of Thanks	Shri. Vinod M. Bothale Chairman, Organizing Committee & Deputy Director (DPPA & WAA), NRSC	
Inauguration of Exhibition	Venue: 100 Seater Hall	10:30 - 11:00
TEA BREAK		11:00 - 11:30

TECHNICAL SESSION I
EYE IN THE SKY OF INDIAN SPACE PROGRAMME

Venue: Auditorium

Session Chair: Shri. R. Umamaheshwaran Scientific Secretary, ISRO	Co-Chair: Dr. V. Bhanumurthy Associate Director, NRSC	Time in hrs.
• ISRO Space Transportation: Road Map	Shri. R. Umamaheshwaran Scientific Secretary, ISRO Hqrs	11:30 - 11:45
• Challenges in Space Exploration	Dr. V. R. Lalithambika DHSP, ISRO Hqrs	11:45 - 12:00
• Indian Earth Observation Programme: Current & Future	Shri. Shantanu Bhatawdekar AD, EDPO, ISRO Hqrs	12:00 - 12:15
• ANTRIX - Indian Space Program: International Presence	Smt. D. R. Suma, Executive Director (Operations), ANTRIX	12:15 - 12:30
• Data Processing & Web Services from NRSC	Shri. Vinod M. Bothale DD, DPPA & WAA, NRSC	12:30 - 12:45
• Trends in Remote Sensing Applications	DD, RSA, NRSC	12:45 - 13:00
• NICES Products & Services	Dr. M.V.R. Seshasai DD, ECSA, NRSC	13:00 - 13:15
• Aerial Remote Sensing Services & Products	Shri. P. Srinivasulu GD, ASDMG, NRSC	13:15 - 13:30
LUNCH BREAK		13:30 - 14:30

TECHNICAL SESSION II
SATELLITE DATA RECEPTION, PROCESSING, PRODUCTS & SERVICES

Venue: Auditorium

Session Chair: Dr. V. Raghu Venkataraman Director, ADRIN	Co-Chair: Shri. Vinod M. Bothale Dy. Director, DPPA & WAA, NRSC	Time in hrs.
• NRSC Data Products & Services	Dr. N. Aparna GH NDC, NRSC	14:30 - 14:45
• Remote Sensing Satellite Ground Station Technology for Future Earth Observation Missions	Smt. Umadevi DD, SDR & ISA, NRSC	14:45 - 15:00
• Recent advancement in Data Processing Techniques	Shri. Indranil Misra Scientist, SAC	15:00 - 15:15
• Cal-Val & Opportunities	Smt. B. Santhisree Head, D & PQED, NRSC	15:15 - 15:30
• Bhuvan Services & Applications	Shri. A.V.V. Prasad Group Director, G & WGS, NRSC	15:30 - 15:45
• NRSC Outreach Programme <i>(Hindi)</i>	Dr. Rajashree V. Bothale GM, Outreach Facility NRSC	15:45 - 16:00
TEA BREAK		16:00 - 16:30

TECHNICAL SESSION III
NATURAL RESOURCE MANAGEMENT SYSTEM
AGRICULTURE/ WATER/ FOREST - PARALLEL SESSION: I

Venue: Auditorium

Session Chair: Dr. Subhash Ashutosh Director General, Forest Survey of India	Co-Chair: Deputy Director Remote Sensing App. Area, NRSC	Time in hrs.
• Use of Space Technology in FSI	Dr. Subhash Ashutosh Director General, FSI	16:30 - 16:45
• Space Technology in Agriculture Applications of Maharashtra	Shri. S. P. Singh Agriculture Commissioner Maharashtra	16:45 - 17:00
• RS & GIS Technologies in National Hydrology Project	Shri. Neeraj Kumar Manglik Sr. Joint Commissioner - II National Hydrology Project	17:00 - 17:15
• Role of User Feedback / QA in getting best out of NRSC Products & Services	Smt. Ch. Sridevi Scientist, NRSC	17:15 - 17:30
• Role of NESAC for Enhanced Use of Space Technology in North East Region	Dr. P.L.N. Raju Director, NESAC	17:30 - 17:45
• <i>Acreage Yield Estimation of Mentha arvensis (menthol mint) using IRS LISS-III data (Hindi)</i>	Shri. Mohammad Saleem Khan, Ms. Swati Singh & Shri. Manoj Semwal Central Institute of Medicinal & Aromatic Plants	17:45 - 18:00
TEA BREAK		18:00- 18:15

TECHNICAL SESSION IV
NATURAL RESOURCE MANAGEMENT SYSTEM
GEOLOGY/ URBAN/ RURAL - PARALLEL SESSION: II

Venue: 100 Seater Conference Hall

Session Chair: Shri. Shantanu Bhatawdekar Associate Director, EDPO, ISRO Hqrs	Co-Chair: Shri A. V. V. Prasad Group Director MRS & GDP / G & WGS, NRSC	Time in hrs.
• Developmental Planning for Smart Cities and Gram Panchayats	Shri. Uday Raj, Chief General Manager, RC's	16:30 - 16:45
• Formulation of GIS based Master Plans for AMRUT Cities	Shri. S. Surendra Additional Chief Planner, TCPO Ministry of Housing & Urban Affairs	16:45 - 17:00
• Application of Remote Sensing as per the functions of Indian Bureau of Mines	Shri. Shailendra Kumar Regional Controller of Mines Indian Bureau of Mines	17:00 - 17:15
• Space Technology Applications in Geological field for NE Region	Shri. Parag Phukan Prof. & Head, Geology Department, Guwahati University	17:15 - 17:30
• Use of Space Technology for Drinking Water and Concept of Mission Bhagiratha	Ms. G. Jyothi, DEE Rural Water Supply & Sanitation	17:30 - 17:45
• <i>Geospatial Applications in Urban related areas in Uttar Pradesh (Hindi)</i>	Dr. Alok Saini, Remote Sensing Application Centre, RSAC-UP	17:45 - 18:00
TEA BREAK		18:00- 18:15

**TECHNICAL SESSION V
EMERGING FRONTIERS IN
REMOTE SENSING & CAPACITY BUILDING**

Venue: Auditorium

Session Chair: Dr. Prakash Chauhan Director, Indian Institute of Remote Sensing	Co-Chair: Dr. T. Ravisankar Group Director, LRUMG, NRSC	Time in hrs.
• Capacity Building in User Community	Dr. Prakash Chauhan Director, IIRS	18:15 - 18:30
• Hyper Spectral Remote Sensing -Present Status & Trends	Dr. Arindam Guha Scientist, Geosciences Group, NRSC	18:30 - 18:45
• Applications Trends in LIDAR	Shri. B. Sadasiva Rao Scientist, ALTM DC Facility, NRSC	18:45 - 19:00
• Feasibility of Cartosat 2E and UAV Multi Spectral Data for Precision Agriculture Study,	Shri. Srikantha Rao Senior Project Manager, Cyient	19:00 - 19:15
• Capacity Building at NRSC	Shri. D. Vijayan Head, T & ED, NRSC	19:15 - 19:30

Day 2: Wednesday, January 23

**TECHNICAL SESSION VI
GLOBAL DATA PRODUCTS**

Venue: Auditorium

Session Chair: Dr. V. M. Tiwari Director, National Geophysical Research Institute	Co-Chair: Shri. Uday Raj Chief General Manager, RC's	Time in hrs.
• Satellite Geophysical Data and Potential Applications	Dr. V.M. Tiwari Director, NGRI	09:30 - 09:45
• Accomplished Information Products from IRS Missions	Dr. Ch. Venkateswara Rao Group Head, G & SP, NRSC	09:45 - 10:00
• Details of S-NPP & JPSS-1 Data Products and Dissemination	Shri. K.V. Chandrasekhar Head GDPD, NRSC	10:00 - 10:15
• Web-based Monitoring of Watershed Development Projects supported by NABARD	Shri. Y. N. Mahadeviah DGM, FSDD	10:15 - 10:30
• Geospatial Applications for Watershed development under PMKSY	Shri. Mitter Sain DDG (WM, DoLR)	10:30 - 10.45
• Use of Space Technology in MGNREGA (Hindi)	Ms.Ankita Sharma MGNREGA DoRD, MoRD New Delhi	10:45 - 11:00
TEA BREAK		11:00 - 11:30

TECHNICAL SESSION VII		
PARAMETER RETRIEVAL & MODELLING - PARALLEL SESSION: I		
Venue: Auditorium		
Session Chair: Dr. R. R. Navalgund Former Honorary Distinguished Professor, ISRO	Co-Chair: Dr. M.V.R. Seshasai Deputy Director, NRSC	Time in hrs.
• Satellite Retrieval of Geophysical Parameters: Climate Studies & Decision Making	Dr. M.V. Ramana Head M & CSD, NRSC	11:30 - 11:45
• Meso - Space Modelling in Indian Region	Ms. Jyoti Narayan Bhate NARL	11:45 - 12:00
• Utilization of Active and Passive Microwave data from SCATSAT-I & AMSR2 towards detection of melt and freeze in Indian Himalayas,	Mr. S. Surya Teja Ms. Mehanaz & Dr. Rajashree V. Bothale, NRSC	12:00 - 12:15
• NASA-ISRO L&S band SAR Mission for Earth Observations-NISAR	Dr. Anup Kumar Das EEE Senior Member MTDD SAC	12:15 - 12:30
• High Resolution Satellite Data Processing	Dr. Chandrakanth ADRIN	12:30 - 12:45
• Assessment of Aerosol Characteristics & Radiative forcing over NW Himalayas using Satellite data <i>(Hindi)</i>	Dr. Yogesh Kant Scientist IIRS	12:45 - 13:00
LUNCH BREAK		13:00 - 14:00

TECHNICAL SESSION VIII		
DISASTER MANAGEMENT SERVICES - PARALLEL SESSION: II		
Venue: 100 Seater Conference Hall		
Session Chair: Dr. V. Jayaraman Former Distinguished Professor, ISRO	Co-Chair: Dr. N. Aparna Group Head, NDC, NRSC	Time in hrs.
• ISRO Support for Disaster Management Services	Dr. K.H.V. Durga Rao HDMSD, NRSC	11:30 - 11:45
• Disaster Management in Andhra Pradesh	Shri. P. V. Ramana Murthy Director (Admin), APSDPS Planning Dept., Govt. of AP	11:45 - 12:00
• Analyzing The Effect of Geo-Environmental and Climate Related Mechanism on Increasing Vulnerability Due to Landslides in Rudraprayag District, Uttarakhand	Shri Kishore Kumar Yogita Garbyal, P. S. Prasad CRRl	12:00 - 12:15
• Use of Space Technology in Land Slides & Earth Quakes	Geological Survey of India	12:15 - 12:30
• Flood Hazard Zonation of Manipur Valley Using Remote Sensing & GIS	Shri. L. Nganba, Dr. N. R. Singh MARSAC	12:30 - 12:45
• Flood Hazard Vulnerability and Risk Assessment <i>(Hindi)</i>	Dr. K.R.P. Singh Senior Scientist, BIRSAC	12:45 - 13:00
LUNCH BREAK		13:00 - 14:00

CONCLUDING SESSION: INSTITUTIONALIZATION OF REMOTE SENSING & GEOSPATIAL TECHNOLOGIES AND FEEDBACK FROM USERS

Venue: Auditorium

14:00 - 15:00

Panelists:

- Dr. R. R. Navalgund
Former Honorary Distinguished Professor, ISRO
- Dr.V. Jayaraman
Former Distinguished Professor, ISRO
- Dr. Prakash Chauhan
Director, Indian Institute of Remote Sensing
- Shri. Shantanu Bhatwadekar
Associate Director, EDPO, ISRO Hqrs
- Shri. Santanu Chowdhury
Director, NRSC
- Dr. V. Bhanumurthy
Associate Director, NRSC

TEA

15:00 - 15:15