

# NRSC User Interaction Meet – 2018

## Programme Schedule

### Day 1: Wednesday, January 17, 2018

08:00-09:00	Registration & Reception	Registration Site at HICC, Hyderabad
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**Inaugural Session of GWF and UIM: 11:30 -13:00** Hall 4,5 & 6

11:30 -13:00	Address by Guests of Honour	Dr.Jitendra Singh, Minister of State Chairman, ISRO Dr. Y.V.N. Krishna Murthy, Director, NRSC
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### Day 2: Thursday , January 18, 2018

**Technical Session-1: ISRO- An Overview:09:00-10:30** Hall 5

**Co-Chair: Dr.Shantanu Bhatwadekar**  
Director, EOS

**Co-Chair: Shri.V.RaghuVenkataraman**  
DD (ASDM&OA)

09:00 - 09:15	ISRO EO Future Missions and Applications-Dr. Shantanu Bhatwadekar- Director, EOS
09:15 - 09:30	Data Products & Services – Dr. N.Aparna, GHND, NRSC
09:30 - 09:45	Remote Sensing Data Applications in Governance - Dr.P.V.N.Rao, DD (RSA), NRSC
09:45 - 10:00	GAGAN & NAVIC Applications Overview -Dr.S.Muralikrishnan, Head (DP&VSD), NRSC
10:00 - 10:15	Educational Opportunities - Dr.V.K.Dadhwal, Director, IIST
10:15 -10:30	Discussions

**Networking Tea/Coffee break, Visit to Exhibition: 10:30 -11:30**

**Technical Session-2: Emerging Products and Services - 11:30 -13:30****Hall 5****CO-Chair: Shri. Anurag Shrivastav**  
IFS, MP Forest**Co-Chair: Shri. B. Gopala Krishna**  
DD, DPPA&WAA

11:30-11:45	Trends in Data Processing Techniques - Shri. T.P. Srinivasan, Head, HRDPD/SIPG SAC
11:45-12:00	Aerial Data Products and Services - Shri. P. Srinivasulu, GD (AS&DMG), NRSC
12:00-12:15	Bhuvan Services - Shri. Vinod Bothale, GD, G&WGS
12:15-12:30	Panchayat Raj Applications - Shri. Uday Raj, CGM (RCs)
12:30-12:45	Climate & Environment Data Products - Dr.M.V.R. Seshasai, DD (ECSA), NRSC
12:45-13:00	Space Business - Shri.A. Arunachalam, Director, RSD&S, ANTRIX
13:00-13:15	NRSC Outreach Perspectives –Dr. Rajashree Bothale, GM Outreach Facility
13:15-13:30	Discussions

**Lunch: 13:30-14:30****Technical Session-3: Space for all through Bhuvan- 14:30 -16:00****Hall 5****Co-Chair: Shri. Vinod Bothale**  
GD, G&WGS**Co-Chair: Dr. Rajeev Jaiswal**  
ISRO HQs

14:30-14:45	Application of Remote Sensing & GIS in Forest Fire Management -Shri. E. Vikram, Deputy Director, Forest Survey of India
14:45-15:00	Societal Applications – e-governance – Watershed Development - Shri. Amit Kumar, Director, Neeranchal, DoLR
15:00-15:15	Applications of Geospatial Technology for Mineral Exploration-Dr. Abhijeet Mukherjee, NMDC
15:15-15:30	EO based applications for National Hydrology Project – Shri. Yogesh Paithanker, MoWR
15:30-15:45	Use of Geospatial Technology for Effective Water Management in Telangana State - Case Study of Telangana Water Resources Information System-Shri. K. Vamshee Krishna , TWRIS
15:45-16:00	Customised NDEM Services for NDRF for supporting relief operations – Shri. Senthil Kumar, Asst. Commandant, NDRF

**Networking Tea/Coffee break, Visit to Exhibition: 16:00 -16:30**

**Technical Session-4: Utilization of Space Technology in States - 16:30 -18:00****Hall 5****Co-Chair: Dr. V. Bhanumurthy**  
Associate Director, NRSC**Co-Chair:Dr. P.L.N.Raju**  
Director, NESAC

16:30-16:45	NESAC- Spearheading The Operational Remote Sensing Services In North Eastern Region of India - Dr. P.L.N. Raju, Director, NESAC
16:45-17:00	Use of Geospatial Technology for Rural Development in Rajasthan - Shri. Rohit Kumar, Principal Secretary, Rural Development, Govt. of Rajasthan
17:00-17:15	Sub Scheme on formulation of GIS Based Master Plan for AMRUT Cities- Shri. Mohd. Monis Khan, TCPO, New Delhi
17:15-17:30	Indian Remote Sensing Satellites - Experiences of Uttar Pradesh- Shri. Rajamani, Head, Geospatial Databank Division, RSAC UP
17:30-17:45	Analysis of Crop Acreage in the Major and Medium Irrigation Projects of Telangana State using Geospatial Technology- Shri. Shiva Gangaiah KP, I& CAD Department, Telangana
17:45-18:00	Development of Online Nuclear Emergency Response Decision Support System ONERS-II Benchmarking simulations for PHWR-LOCA-Ms. R. Deepu, IGCAR, Kalpakam

**Day 3: Friday , January 19, 2018****Parallel Session : 09:00-11:00****Technical Session-5: Space Applications in Land / Water/Vegetation****Hall 5****Co-Chair: Prof. Surendranath Pasupalak**  
VC, OUATC**Co-Chair : Dr. PVN Rao**  
DD,RSAA.

09:00-09:15	Urban Applications - Ms. T.K. Sreedevi, Commissioner & Director of Municipal Adm.
09:15-09:30	E-Farming – A Central Based Authorization System for Sustainable Agriculture Development – Shri. Balaji Ariputhiran, NEXT Techno Enterprises Private Ltd.
09:30-09:45	Identification of Groundwater Potential Zones of Nuapada District, Odisha - A Geospatial Approach-Ms.Smriti Rekha Sahoo, MPC Autonomous College, Baripada, Odisha
09:45-10:00	Mapping Agro-forestry area in Raigarh and Bilaspur districts using RS-2/LISS III Satellite Data, Dr.R.H. Rizvi, Central Agro-forestry Research Institute, Jhansi
10:00-10:15	Application of Geospatial techniques to explore linkages between urban growth and cultural setting of a Historical city-Ms. Dharini Jha, IIT - Kharagpur
10:15-10:30	Proposing economic development measures for Vatrak sub-watershed using Geo-informatics based visualization of local environmental parameters and Estimation of NDVI-Shri. Naveenchandra N Shrivastava, Administrative Staff College of India
10:30-10:45	Application Of UAV In Mapping And Monitoring Of Coal Mines -Shri. Rajneesh Kumar, CMPDI, Ranchi
10:45-11:00	Discussions

**Parallel Session: 09:00-11:00**

सह-अध्यक्ष: श्री आर एस हूडा, एच आर सैक

सह-अध्यक्ष: श्रीमती सरला रविंद्रनाथ, संयुक्त निदेशक, राजभाषा

09:00-09:15	सैटेलाइट डाटा और क्राउड सोर्सिंग द्वारा फसल अवशेषों को जलाने की निगरानी, एच आर सैक Ramesh S. Hooda, Haryana remote sensing , SAC
09:15-09:30	ओडिशा के लिए वेब जी आई एस एवं स्थान आधारित सेवाएं, डॉ प्रदीप मिश्रा, ओ आर सैक Web GIS and location based services for Odisha Dr. Pradeep Misra, ORSAC
09:30-09:45	प्राकृतिक संसाधन, नागरिक सेवा एवं आपदा प्रबंधन में भौगोलिक सूचना प्रणाली की भूमिका" - Dr. Sandeep Goyal, MPCOST
09:45-10:00	अंतरिक्ष और जीआईएस तकनीक द्वारा पंजाब के भविष्य का निर्माण, डॉ ब्रिजेन्द्र पटेरिया, पंजाब सुदूर संवेदन केंद्र चंडीगढ़-Dr. Brijendra Pateriya, PRSC
10:00-10:15	अंतरिक्ष प्रयोगिकी पर आधारित उपकरणों और अनुप्रयोगों का प्रशासन तथा विकास में योगदान, खुशबू मिर्जा, क्षेत्रीय केंद्र, नई दिल्ली-Ms. Khushboo Mirza, RC, Delhi
10:15-10:30	झारखंड राज्य के संदर्भ में वेब जीआईएस के अनुप्रयोग, श्री सर्वेश सिंघल निदेशक, जे सैक - Shri. Sarvesh Singhal, Director, JSAC
10:30-10:45	जलवायु परिवर्तन, चरम घटनाएँ और स्थान विशिष्ट सेवाओं में बिग डेटा और भुवन की उपयोगिता, डॉ राजश्री बोथाले - Dr. Rajashree Bothale, NRSC
10:45-11:00	Discussions

Networking Tea/Coffee break, Visit to Exhibition: 11:00 -12:00

Technical Session-7: Space Applications in Ocean, Atmosphere and Climate Sciences – 12:00 -13:30

Hall 5

Co-Chair: Dr. M.V.R.Seshasai  
DD, ECSA

Co-Chair: Dr. C.S.Jha  
GD, F&EG

12:00-12:15	Land use land cover classification and soil carbon sequestration in Haliyal taluka of Uttara Kannada district using Remote Sensing and GIS technique - Dr. A.G. Koppad, Natural Resource Management, College of Forestry, Sirsi
12:15-12:30	Spatio-Temporal Analysis of Kanika Island, Orissa– Ms. Logambal, National Institute of Ocean Technology, Chennai
12:30-12:45	Population Pressure On Landuse/ Landcover Dynamic Of Chilka Catchment, Odisha– Dr.Jajnaseni Rout, Chilka Development Authority
12:45-13:00	Analysis of Landuse /Landcover and mangrove density with its ground biomass using remote sensing satellite data–Shri. Bhushan O. Kachawe, Aeltares Enterprise (OPC) Private Limited, Mumbai
13:00-13:15	Use of LISS-IV in Forest cover and Density estimation in Madhya Pradesh – Shri. Anurag Shrivastav, IFS, MP Forest, - IT Wing, Bhopal
13:15-13:30	Discussions

Lunch: 13:30-14:30

**Technical Session-8: Advanced Remote Sensing Data Collection and Processing - 14:30 – 15:30****Hall 5****Co-Chair: Dr. A. Senthil Kumar**  
Director, IIRS**Co-Chair: Smt.G. Umadevi**  
DD, SDR&ISA

14:30- 14:45	Satellite Data Reception - Smt.G.Umadevi, DD (SDR&ISA), NRSC
14:45- 15:00	Use of Remote Sensing Data in Geological Survey and Sensor Specifications for Geoscience Applications– Dr. V.Singaraju, DDG, Geological Survey of India
15:00-15:15	Satellite Imagery based Surveillance of Pipeline ROW – Shri. Indrajit Saha, IOCL, Pipelines Head Office, Noida
15:15-15:30	Identification and Mapping of weak Geological features using High Resolution Multispectral Remote Sensing Satellite Data – Shri. Anish Mohan, NHPC, Faridabad

**Concluding Session 15:30-16:15****Hall 5****Chief Guest: Dr. K. Sivan**  
Chairman, ISRO**Co-Chair: Dr. Y.V.N. Krishna Murthy**  
Director, NRSC

15:30- 15:45	Report on Proceedings of UIM - Dr.N.Aparna, GH,NDC
15:45-16:00	Feedback Report- Smt. D. Kaveri Devi
16:00-16:15	Q&A and Concluding Session

**Networking Tea/Coffee break , Visit to Exhibition: 16:15 -16:30**