

# Technical Programme

**National Conference on  
'Big Geospatial Data: Analytics, Modelling & Applications'  
25-26 September 2019  
(Venue: PRSC Auditorium, 1<sup>st</sup> Floor, Ludhiana)**

**Day 1, Wednesday 25<sup>th</sup> September, 2019**

**Registration (Desks in Reception Lobby at Ground Floor): 8.30 AM- 9.30 AM**

<b>INAUGURAL CEREMONY</b>		
<b>9.30 AM-11.00 AM (Venue : PRSC Auditorium, 1<sup>st</sup> Floor, West Wing)</b>		
Invocation & Lighting of Lamp by Dignitaries on Dias		
9.30 AM-9.40 AM	Welcome and Opening Remarks, B Pateriya, Director, PRSC & Chairman, ISRS-LC	
9.40 AM-9.50 AM	Brief of Indian Society of Remote Sensing, Sameer Saran, Secretary, ISRS	
9.50 AM-10.05 AM	Lead Address, Prakash Chauhan, Director, IIRS, Dehradun & Vice-President, ISRS	
10.05 AM-10.25 AM	Presidential Address, Padmashri Dr. B. S. Dhillon, VC, PAU, Ludhiana	
10.25 AM-10.30 AM	Release of Souvenir & Abstracts, Chief Guest and Dignitaries on the Dias	
10.30 AM-10.55 AM	Inaugural Address by Sh Vishwajeet Khanna, IAS, ACS (D), GoP, Chief Guest	
10.55 AM-11.00 AM	Vote of Thanks by Mr. S K Sahoo, Secretary, ISRS- Ludhiana Chapter	
<b>INAUGURATION OF EXHIBITION AND VISIT OF STALLS (PRSC Lawns)</b>		
11.00 AM-11.15 AM	Inauguration of exhibition and visit of stalls	Chief Guest accompanied by Invited Guests & Dignitaries
11.15 AM-11.45 AM	<b>HIGH TEA (Venue : PRSC Lawns)</b>	
11.45 AM-12.45 PM (Venue : PRSC Auditorium, 1 <sup>st</sup> Floor, West Wing)	<b>PLENARY SESSION-I</b> Chair: Prakash Chauhan, Director, IIRS Co-Chair : S K Ghosh, IIT, Roorkee (Session Coordinator : V K Verma, PRSC, Ludhiana)	
11.45 AM-12.00 PM	Big Data Analytics for Geospatial Data: Capacity Building Challenges	Prakash Chauhan, Director IIRS, Dehradun
11.45 AM-12.00 PM	Big Data & Remote Sensing - The Way Forward	S K Ghosh, Head, Department of Civil Engineering, IIT, Roorkee
12.15 PM-12.30 PM	Agriculture and Big data	S S Ray, Director, MNCFC, New Delhi
12.30 PM-12.45 PM	Visionary Talk on Latest Trends in GIS	Rajesh Mathur, Advisor, ESRI India
12.45 PM-1.15 PM (Venue : PRSC Auditorium, 1 <sup>st</sup> Floor, West Wing)	<b>CHILDREN SESSION</b> Chair: T. Ravisankar, Group Director, NRSC, Hyderabad Co-Chair: Sameer Saran, Head Geoinformatics, IIRS, Dehradun (Session Coordinator : R K Setia, PRSC, Ludhiana)	
1.15 PM-2.00 PM	<b>LUNCH (Venue : PRSC Lawns)</b>	
2.00 PM-3.30 PM	<b>ORAL SESSIONS</b>	
(Venue : PRSC Auditorium, 1 <sup>st</sup> Floor, West Wing)	<b>Oral Session (Weather, Climate Change and Modelling)</b> Chair: Anoop Nagar, Regional Director- CGWB, Chandigarh Co-Chair : Rabindra Nayak, Head-OEM, NRSC, Hyderabad (Session Coordinator: Minakshi, PRSC, Ludhiana)	

<b>(Venue : Training Room, 1<sup>st</sup> Floor, West Wing)</b>	<b>Oral Session (Big Data Analytics, UAV Data Processing and Applications)</b> Chair: U N Mishra, Deputy Surveyor General , Northern Zone SOI, Chandigarh Co-Chair : Himanshu Govil, NIT, Raipur (Session Coordinator: Ajay Mathur, PRSC, Ludhiana)
<b>(Venue : PRSC Committee Room, 1<sup>st</sup> Floor, East Wing)</b>	<b>Oral Session (Agriculture &amp; Soil-I)</b> Chair: S. S. Ray, Director MNCFC, New Delhi Co-Chair: P K Parida, ORSAC, Bhubaneswar (Session Coordinator : Anil Sood, PRSC, Ludhiana)
<b>3.30 PM-4.00 PM</b>	<b>TEA BREAK</b> <b>(Venue : PRSC Lawns)</b>
<b>4.00 PM-5.10 PM</b> <b>(Venue : PRSC Auditorium, 1<sup>st</sup> Floor, West Wing)</b>	<b>INDUSTRY SESSION</b> Chair: R C Mathur, ESRI India Co-Chair: Prashant Joshi, Geospatial Media and Communications (Session Coordinator : P K Litoria, Ludhiana)
4.00 PM- 4.10 PM	ESRI India
4.10 PM- 4.20 PM	Geospatial Media
4.20 PM- 4.30 PM	HP
4.30 PM-4.40 PM	PIESAT
4.40 PM-4.50 PM	SUEZ
4.50 PM-5.00 PM	Indian Institute of Remote Sensing, Dehradun
5.00 PM-5.10 PM	National Remote Sensing Centre, Dehradun
<b>5.10 PM-6.30 PM</b> <b>(Venue : Hall, Ground Floor, West Wing)</b>	<b>POSTER SESSION-I</b> (Focal Point : Anil Sood and S K Patel, PRSC, Ludhiana)
<b>6.30 PM-7.30 PM</b> <b>(Venue : PRSC Auditorium, 1<sup>st</sup> Floor, East Wing)</b>	<b>CULTURAL PROGRAMME</b>
<b>7.30 PM-9.00 PM</b> <b>(Venue : PRSC Lawns)</b>	<b>DINNER</b>

## Day 2, Thursday 26<sup>th</sup> September, 2019

<b>9.30 AM-11.00 AM</b>	<b>PLENARY SESSION-II</b> <b>(Venue : PRSC Auditorium, 1st Floor, West Wing)</b> Chair: T. Ravisankar, Group Director, NRSC, Hyderabad Co-Chair : Ms. Preeti Tahlani, Scientist SE, MNCFC, New Delhi (Session Coordinator : R K Setia, PRSC, Ludhiana)	
9.30 AM-9. 50 AM	Paradigm Shift in NR Management - Impact of Big Geospatial Data	T. Ravisankar, Group Director, NRSC, Hyderabad
9.50 AM- 10.10 AM	Remote Sensing for Input Management	S S Kukal, Dean, PAU, Ludhiana
10.10 AM-10.30 AM	Modern Concepts and Latest Developments in Land Surveying	U N Mishra, Deputy Surveyor General , Northern Zone SOI, Chandigarh
<b>11.00 AM-11.30 AM</b>	<b>TEA BREAK</b> <b>(Venue : PRSC Lawns)</b>	
<b>11.30 AM-1.00 PM</b>	<b>ORAL SESSIONS</b>	
<b>(Venue : PRSC Auditorium, 1<sup>st</sup> Floor, West Wing)</b>	<b>Oral Session (Agriculture &amp; Soil-II)</b> Chair: S S Kukal, Dean, Punjab Agricultural University, Ludhiana Co-Chair : Rajesh Vashisht, Joint Director, Department of Agriculture and Family Welfare, Govt of Punjab (Session Coordinator : P K Kingra, PAU, Ludhiana)	

<b>(Venue : Training Room, 1<sup>st</sup> Floor, West Wing)</b>	<b>Oral Session (Open Source, Mobile Apps and Crowd Sourcing Data Management)</b> Chair : Sameer Saran, Head Geoinformatics, IIRS, Dehradun Co-Chair : Ashutosh Jha, Scientist SE, IIRS, Dehradun (Session Coordinator: Harpinder Singh, PRSC, Ludhiana)	
<b>(Venue : PRSC Committee Room, 1<sup>st</sup> Floor, East Wing)</b>	<b>Oral Session (EO Sensors &amp; Data Processing)</b> Chair: B K Singh, Professor, Govt. Engg. College, Ujjain Co-Chair : Gaurav, IISER, Bhopal (Session Coordinator : Nidhi Batta, Department of Soil & Water Conservation, GOP)	
<b>12.00 PM-1.00 PM (Venue : Hall, Ground Floor, East Wing)</b>	<b>POSTER SESSION-II</b> (Focal Point : Anil Sood and S K Patel, PRSC, Ludhiana)	
<b>1.00 PM-1.45 PM</b>	<b>LUNCH</b> (Venue : PRSC Lawns)	
<b>1.45 PM-3.15 PM</b>	<b>ORAL SESSIONS</b>	
<b>(Venue : Training Room, 1<sup>st</sup> Floor, West Wing)</b>	<b>Oral Session (Water Resources Management and Geological Studies)</b> Chair: K G Singh, Head, Soil & Water Engineering, PAU, Ludhiana Co-Chair: Mahesh Thakur, Assistant Prof, Panjab University, Chandigarh (Session Coordinator : D.C. Loshali, PRSC, Ludhiana)	
<b>(Venue : PRSC Auditorium, 1<sup>st</sup> Floor, West Wing)</b>	<b>Oral Session (SMART Urbanization and Rural Development Planning)</b> Chair: Pankaj Mishra, Survey of India, Dehradun Co-Chair : Sudhakar Shukla, Head-School of Geoinformatics, UPRSC, Lucknow (Session Coordinator : Reenu Sharma, PRSC, Ludhiana)	
<b>(Venue : PRSC Committee Room, 1<sup>st</sup> Floor, East Wing)</b>	<b>Oral Session (Natural Resources and Environment Management)</b> Chair: T. Ravisankar, Group Director, NRSC, Hyderabad Co-Chair : Anup Kumar, HARSAC, Hisar (Session Coordinator : S K Patel, PRSC, Ludhiana)	
<b>3.15 PM-5.20 PM</b>	<b>VALEDICTORY FUNCTION</b> (Venue : PRSC Auditorium, 1st Floor, West Wing)	
3.15PM – 3.45PM	Panel discussion	Expert Panelist
3.45 PM- 3.55 PM	Report and Recommendations	Sompal Singh, Vice-Chairman, ISRS-LC
3.55 PM-4.25 PM	Award Ceremony	Best Oral & Poster Paper Awards
4.25 PM-4.45 PM	Felicitations	S. K. Sahoo, Secretary ISRS-LC
4.45 PM-4.55 PM	Concluding Remarks	B Pateriya, Director, PRSC and Chairman ISRS- LC
4.55 PM-5.10 PM	Vote of thanks	Nidhi Batta, Jt. Secretary, ISRS-LC
5.10 PM-5.20 PM	Tea	PRSC Auditorium Foyer