



**Virtual International Conference on the
“Future directions of Subseasonal to Seasonal Prediction over South Asia”,
29-31 March 2021, IITM, Pune, India
In the Spirit of Azadi ka #AmritMahotsav**

AGENDA

DAY 1 29.03.2021	0830-0900 UTC/ 1400-1430 IST	Inaugural Session	<p>1400-1405: Welcome Address by Prof Ravi S Nanjundiah, Director, IITM, Pune, India</p> <p>1405-1415: Inaugural Address by Dr M Rajeevan, Secretary to the Govt of India, Ministry of Earth Sciences, India</p> <p>1415-1425: Opening remarks by Dr Estelle De Coning, Head, WWRP, WMO, Geneva</p> <p>1425-1430: Vote of Thanks by Dr Susmitha Joseph, Member-Secretary, S2S Conference</p>
	Scientific Session Begins		
	0900-1040 UTC/ 1430-1610 IST	Scientific Session -1 Chairs: Prof UC Mohanty, IIT Bhubaneswar &	<p>1430-1450: Dr Frederic Vitart, ECMWF, UK; Prediction of the BSISO and Asian monsoon in the WWRP/WCRP S2S database.</p> <p>1450-1510: Dr M Mohapatra, IMD, India; Societal applications of S2S prediction in India: Current status and future scope</p>

		Dr K J Ramesh, Former DGM, IMD	1510-1530: Prof Raghu Murtugudde, U. Maryland , USA; S2S applications to health and agriculture: An example and data needs. 1530-1550: Dr Gill Martin, UK Met Office, UK; Processes and predictability in the Asian summer monsoon 1550-1610: Prof Ravi Nanjundiah, IITM, India; Use of Machine Learning Techniques for Seasonal and Subseasonal Studies and Predictions
	1040-1100 UTC/ 1610-1630 IST	Health Break	
	1100-1300 UTC/ 1630-1830 IST	Scientific Session - 2 Chairs: Dr LS Rathore, Former DGM, IMD & Prof K Ashok, U. Hyderabad	1630-1650: Dr Andrew Robertson, IRI, USA; Sub-seasonal rainfall predictability types over S Asia and the global tropics 1650-1710: Dr Suryachandra Rao, IITM, India; Impact of Pacific Ocean SST bias on Simulation and Prediction of Indian Summer Monsoon in Coupled Models 1710-1730: Dr Ajaya Mohan, NYU, Abu Dhabi; Extraction and prediction of indices for monsoon intraseasonal oscillations: An approach based on nonlinear Laplacian spectral analysis (NLSA) 1730-1750: Dr A K Sahai, IITM, India; Towards the development of an efficient extended range prediction system for societal applications over South Asia 1750-1810: Prof Alice Grimm, UFPR , Brazil; The South American monsoon: subseasonal prediction, and possible seasonal connection to the Indian monsoon 1810-1830: Dr Arun Kumar, NCEP, USA; Estimating long-range predictability
DAY 2 30.03.2021	0330-0530 UTC/ 0900-1100 IST	Scientific Session - 3 Chairs: Air Vice Marshal (Retd) Prof. Ajit Tyagi, Former DGM, IMD & Prof Subimal Ghosh, IIT Bombay	0900-0920: Dr Kunio Yoneyama, Japan; Messages to S2S numerical modeling from the recent Maritime Continent field campaign 0920-0940: Mr Thierry Lefort, Meteo-France, France; Toward an operational use of equatorial wave theory: application to the onset and withdrawal of the 2019 Indian monsoon 0940-1000: Dr Francisco Doblaz-Reyes, BSC, Spain; Forecast quality assessment for climate services based on S2S prediction 1000-1020: Dr A K Mitra, NCMRWF, India; NCMRWF Seamless Modelling System: Prediction from Days-to-Season 1020-1040: Dr P Mukhopadyay, IITM, India; Lessons learnt from weather scale

			<p>forecast to improve fidelity of S2S</p> <p>1040-1100: Dr Thea Turkington, CCRS, Singapore; Using S2S predictions to improve disaster risk preparedness: an example from Southeast Asia</p>
	0530-0550 UTC/ 1100-1120 IST		Health Break
	0550-0750 UTC/ 1120-1320 IST	<p>Scientific Session - 4</p> <p>Chairs:</p> <p>Dr AK Gupta, SPLICE, DST & Dr EN Rajagopal, Former Director, NCMRWF</p>	<p>1120-1140: Dr Giriraj Amarnath, IWMI, Srilanka; Potential applications of sub-seasonal-to-seasonal (S2S) in early warning and agriculture risk management</p> <p>1140-1200: Dr R Krishnan, IITM, India; Climate Change Projections and monsoon variability</p> <p>1200-1220: Dr G Srinivasan, RIMES, Thailand; Engaging Farmers to explore potential benefits of S2S predictions</p> <p>1220-1240: Dr D S Pai, IMD, India; MME Based Method for the Preparation of Operational Climate Forecast Outlook for the SW Monsoon Season Rainfall over South Asia</p> <p>1240-1300: Dr T M Balakrishnan Nair, INCOIS, India; Societal applications of S2S predictions for Ocean and Coasts</p> <p>1300-1320: Dr Vinu Valsala, IITM, India; Application of Extended Range Prediction ocean ensembles in developing Marine Biogeochemistry deliverables: A future perspective</p>
DAY 3 31.03.2021	0830-0930 UTC/ 1400-1500 IST	<p>Scientific Session - 5</p> <p>Chairs:</p> <p>Prof RK Mall, BHU & Prof Vimal Mishra, IIT Gandhinagar</p>	<p>1400-1420: Dr Vincent Moron, A M University, France; Storm types across India: definition, characteristics and predictability</p> <p>1420-1440: Dr Rupa Kumar, IITM, India; Enabling S2S Prediction Applications: WMO Climate Services Information System Operations</p> <p>1440-1500: Dr Kieran M R Hunt, U. Reading, UK; Monsoon depressions in S2S models</p>
	0930-1000 UTC/ 1500-1530 IST		Health Break
	1000-1200 UTC/ 1530-1730 IST		Valedictory Session