

South Asian Regional Reanalysis Scoping Workshop

February 10-11, 2010

INDIA HABITAT CENTRE
Lodi Road, New Delhi, India
(AGENDA)

WEDNESDAY, February 10, 2010		
OPENING SESSION (2.00-2.30pm)		
Welcome:	A.K. Bohra, NCMRWF	
Opening Address:	S. Nayak, Secretary, MoES	
Talk:	J. Shukla, George Mason University, USA	
Scientific Session-I (2:30-6.30pm)		
Time	Name	Title
2:30 – 3:00pm	S. Nigam University of Maryland	The South Asian Regional Reanalysis Project: Motivation, Objectives, and Challenges
3:00 – 3:20pm	A.K. Bohra NCMRWF, Noida	The South Asian Regional Reanalysis Project: Motivation and Plans at NCMRWF
3:20 – 4:00pm	T. N. Krishnamurti FSU, Tallahassee	Regional Re-Analysis using Physical Initialization (SARR)
<i>TEA</i>		
4:10 – 4:40pm	V. Ramaswamy NOAA, GFDL	Aerosol Influences on Monsoon Hydroclimate: Guidance for Aerosol Modeling and Assimilation
4:40 – 5:00pm	A. Tyagi IMD, New Delhi	Indian Observations for SARR
5:00-5:20am	U. C. Mohanty IIT Delhi	Meso Scale Data Assimilation for Extreme Weather Events
5:20-5:50	R. Leung DOE, PNL	Hydrometeorological Modeling Over Complex Terrain: Lessons for SARR
5:50 – 6:20pm	Arun Kumar NOAA, NCEP	The NCEP Climate Forecast System Reanalysis
SARR DINNER at 7.00pm (Mapple, India Habitat Centre)		

FRIDAY, February 11		
Scientific Session-II (9.30am-1.00pm)		
9:30 – 9:45am	S.C. Kar NCMRWF, Noida	Pilot-phase Regional Reanalysis – Preliminary Results and Future Strategy
9:45 – 10:00am	A. Routray NCMRWF, Noida	South Asian Regional Reanalysis-Preliminary results
10:00-10:15am	P. Mali NCMRWF, Noida	Impact of Physics Schemes in WRF for SARR
10:15-10:35am	K. G. Rao ISRO-HQ Bangalore	Satellite Data and Assimilation for SARR
10:35-11:00am	P. Goswami, CMMACS, Bangalore	High-resolution Regional Atmospheric Analysis: Modeling Issues
<i>TEA</i>		
11:15 – 11:45	D. Ganguly NOAA, GFDL	Constraining atmospheric GCMs by ground-based, satellite and reanalysis data for improved estimation of the aerosol impact on South-Asian monsoon
11:45 – 12:15 pm	W. Ebisuzaki NOAA, NCEP	The North American Regional Reanalysis System: Lessons for SARR
12:15 – 12:35pm	V.K. Dadhwal IIRS, Dehradun	Land Surface Processes- Studies with RS Data at IIRS
12:35 – 1:00pm	S. C. Kar and Others	Discussion on Implementation strategy
<i>LUNCH</i>		

FRIDAY, February 11		
Scientific Session-III (1:45pm-3.00pm)		
1:45 – 2:45 pm	All	Implementation Strategy: Discussion of Domain, Regional Model, and Parameterization Choices and Assimilation Techniques
2:45 – 3:00pm	A. Kumar (NOAA) S. Nigam (UMD) A.K. Bohra (NCMRWF)	Concluding Remarks
<i>TEA</i>		