

# International Workshop on Water Security and Groundwater Management for Agriculture in the Age of Climate Change

**3<sup>rd</sup> & 4<sup>th</sup> February 2015, India Habitat Centre, New Delhi**  
**Tentative Workshop Programme**

Time	Theme	Speaker (s)
<b>3<sup>rd</sup> February 2015 (DAY 1)</b>		
10.30 – 11.00	Welcome and Introduction	Prof Rodger Packham University of Western Sydney
	Special Address	Dr R K Pachauri Director General, TERI
<b>Session I Project Overviews</b>		
11.00 – 11.10	A Comprehensive Interdisciplinary Climate Adaptation Framework for Water Resource Management	Prof Hector Malano University of Melbourne
11.10 – 11.20	Overview of Groundwater Management Project	Prof Basant Maheshwari, University of Western Sydney
<b>11.20 – 11.40</b>	<b>Tea Break</b>	
<b>Session II Understanding the Physical System, Chair</b>		
11.40 – 12.00	Keynote address	Dr Shailesh Nayak Secretary Ministry of Earth Sciences
12.00 – 12.10	Understanding rainfall and groundwater recharge dynamics in shallow and deep aquifers	Prof Basant Maheshwari University of Western Sydney
12.10 – 12.20	Managing groundwater for improved livelihood outcomes – challenges and opportunities for policy makers	Dr Sachin Oza University of Western Sydney
12.20 – 12.30	Climate analysis and modelling of the Krishna	Dr Ashwini Kulkarni Indian Institute for Tropical Meteorology
12.30 – 12.40	Groundwater hydrology of the Musi Catchment, Andhra Pradesh	Dr Paul Pavelic International Water Management Institute
12.40 – 12.50	Impact of Projected Climate Change and Watershed Development on the Hydrologic Regime of the Musi Catchment	Mr. Rajesh Nune Department of Infrastructure Engineering, The University of Melbourne
12.50 – 1.00	Group Discussion	
1.00 – 2.30	Lunch	
<b>Session III Monitoring &amp; Engagement, Chair: Dr. R.C. Jain, CGWB</b>		
2.30 – 2.50	Groundwater governance – options	Dr Tushaar Shah International Water Management Institute
2.50 – 3.00	Impact of Irrigation Development on	D Ryu

	Regional-scale Evapotranspiration and Hydro-meteorological Conditions in the Krishna River Basin	University of Melbourne
3.00 – 3.10	Participatory monitoring of groundwater at village level	Dr Yogesh Jadeja University of Western Sydney
3.10 – 3.20	Crop Water Productivity	Prof R.C. Purohit College of Technology and Engineering, Udaipur
3.20 – 3.30	Consultation Processes for Eliciting Climate Change Adaptation Responses	Mr Anshuman The Energy and Resources Institute
3.30 – 3.40	Engaging local communities and schools for groundwater security	Dr Hakimuddin
3.40 – 4.00	Tea Break	
4.00 – 4.30	Group Discussion	
<b>4<sup>th</sup> February 2015 (DAY 2)</b>		
<b>Session IV Water Security &amp; Socio-Economics, Chair: M. Chajed</b>		
10.30 – 10.50	Keynote Address	Dr. Amarjit Singh Additional Secretary, Ministry of Water Resources
10.50 – 11.00	Socio-Economic Analysis	Dr Maria Varua University of Western Sydney
11.00 – 11.10	Water security under climate change	Mr. Rajesh Nune Department of Infrastructure Engineering, The University of Melbourne
11.10 – 11.20	Economics Analysis of Climate Change Adaptation Options	Prof Brian Davidson University of Melbourne
11.20 – 11.40	Group Discussion	
11.40 – 1.00	Consolidation of Group Discussions	
1.00 – 2.00	Lunch	
2.00 – 3.00	Wrap Up Session Plenary Discussion of Group Outputs	
3.00 – 4.00	Panel Discussion	