




MEMBER PROFILE

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Study areas	
Countries / Regions	India / Rajasthan

Topics of last three projects	
1	Spatial and Temporal Variability Analysis of Rainfall using GIS in Jaipur District (1986-2015)
2	
3	

	<u>Topics of last 10 publications</u>	<u>Publication links</u>
1	Theories of Climate Change	http://www.cibtech.org/J-GEOLOGY-EARTH-ENVIRONMENT/PUBLICATIONS/2013/Vol_3_No_3/JGEE-02-027-%20HARSHITA-%20THEORIES-%20CH.pdf
2	Climatic Variability in Barmer (1980-2009)	
3	Variability of Rainfall in Rajasthan (1960-2009)	http://www.cibtech.org/J-Innovative-Research-Review/Publications/2014/Vol-2-No-1/JIRR-03-005-HARSHITA-VARIABILITY.pdf
4	'Temperature Trend of Rajasthan (1980-2009) with Special Reference to Seasonal Temperature Trend of Jaipur'	
5	Climate Change and Biodiversity: The Interrelationship	
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Research interests in water

Climate & Water	Water in arid areas	Arctic water	Water cycle	Atmospheric water	Glaciers & Cryosphere					
Hydrological extreme events	Floods	Droughts	Ice phenomena							
Water flow	Catchment processes	Run-off generation	Groundwater-Surface water interactions	Hyporheic processes	Interstitial water	Porewater	Alluvial water			
Surface water	Limnology	Fluvial dynamics	Continental scale processes	Dams / Reservoirs	Sediments	Rivers	Floodplains			
Ground water	Soil water	Karst water	Hydrogeology	Recharge						
Marine Environment	Coastal waters	Estuarian waters								
Aquatic habitats/ Ecosystems	Wetlands	Lakes	Peatlands	Rivers						
Water availability	Water utility	Water storage	Dams / Reservoirs	Water scarcity	Supply & Distribution	Water allocation	Water restrictions			
Modelling and GIS	Hydro GIS	Groundwater modelling	Surface water modelling	Remote sensing						
Water quality	Pollution	Purification	Hydrochemistry	Treatment	Desalination	Waste water	Sewage			
Water & Health	Water & Sanitation	Water & Food	Waterborne diseases	Drinking water	Water purification					
Water & Energy	Water-Energy nexus	Water for energy	Energy for water	Water, Food & Energy						
Water management/ policy	Integrated Catchment management	Integrated water resource management	Water loss	Reticulation & Supply	Transboundary water					
Water use	Urban	Agricultural	Mine water	Industrial	Grey water	Green water	Blue water	Return water	Water sustainability	Competing water use
Water Law & Economics	Water trade	Virtual water	Privatisation	Water as public good	Right to water	Bills & Laws	Affordability			
Socio-political aspects	Water history	Water wars	Water & Poverty	Access to water						