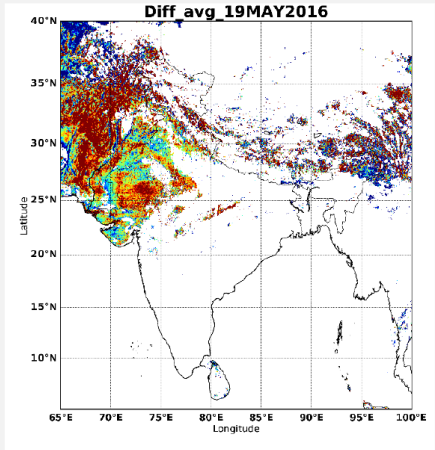


Name	Mr. Vignesh V
Affiliation	Centre for Water Resources, Anna University, Chennai
Qualification	M. E [Integrated Water Resources Management]
Program	Data Exploration Programme
Duration	One month



Project title	<p>A study on hot weather condition over India during 2015 and 2016 using INSAT-3D LST data</p> <p>Land surface temperature (LST), derived from INSAT-3D satellite, has been analysed over the Indian region during the summer months of April and May for 2015 and 2016. Study clearly revealed the spatial and temporal extent of severe heat wave condition that prevailed over Northwest India during 16-19 May 2016. Analysis of human comfort index suggested that it deteriorated during this heat wave episode.</p>
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LST anomaly (°C) for 19 May 2016 at 1430 Hrs.