
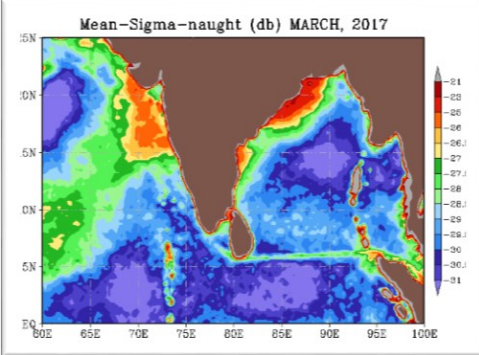


<p>Name</p> <p>Affiliation</p> <p>Qualification</p> <p>Program</p> <p>Duration</p>	<p>Ms. Abisha Mary</p> <p>Institute of Remote Sensing, Anna University, Chennai</p> <p>B. Tech [Geoinformatics]</p> <p>Data Exploration Programme</p> <p>Two months</p>	
<p>Project title</p>	<p>Can the presence of surface marine vehicle affect the scatterometer measurements?</p> <p>Results from the analysis of different levels of ScatSat-1 data suggest that the presence of ships affects the scatterometer measurements when the sea roughness is comparatively less. The ship signature has a peak sigma-naught value of -28 to -29.5 (dB) for the month of March over the South Bay of Bengal. The wind speed determined from the sigma-naught has the signature of ships, leading to errors.</p>	 <p>The mean sigma-naught from ScatSat-1 for March 2017 showing ship-path signature</p>