
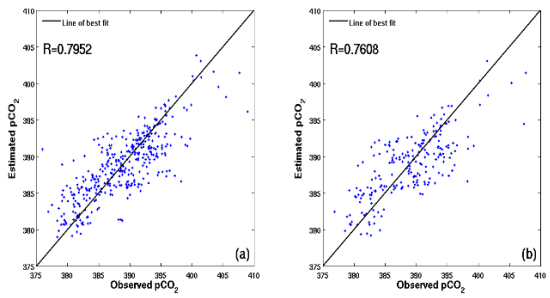


<p>Name Affiliation Qualification Program Duration</p>	<p>Dr (Ms) G. Kalpana Department of Applied Geology, University of Madras Post-Doc Advance Research Programme Three months</p>	
<p>Project title</p>	<p>Estimation of partial Carbon-di-oxide in sea surface (pCO_2) using satellite data in Bay of Bengal Region</p> <p>Multiple regression analysis is used to relate surface ocean pCO_2 to environmental variables (SST, surface salinity, and chlorophyll) and used the resulting equations with inputs from satellite products to provide an estimate of prediction of surface ocean pCO_2.</p>	 <p>Scatter plots of observed (SOCAT) vs. current algorithm pCO_2 (μatm) for the Bay of Bengal region. (Left) Data used for training (Right) Data used for validation</p>