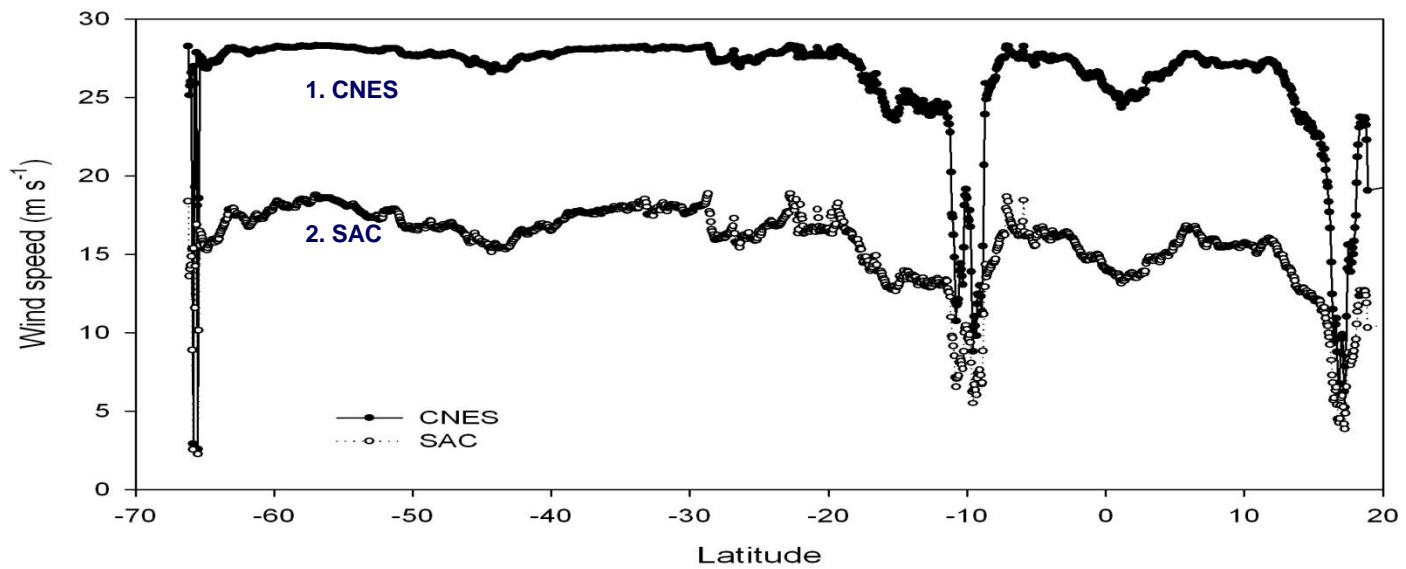
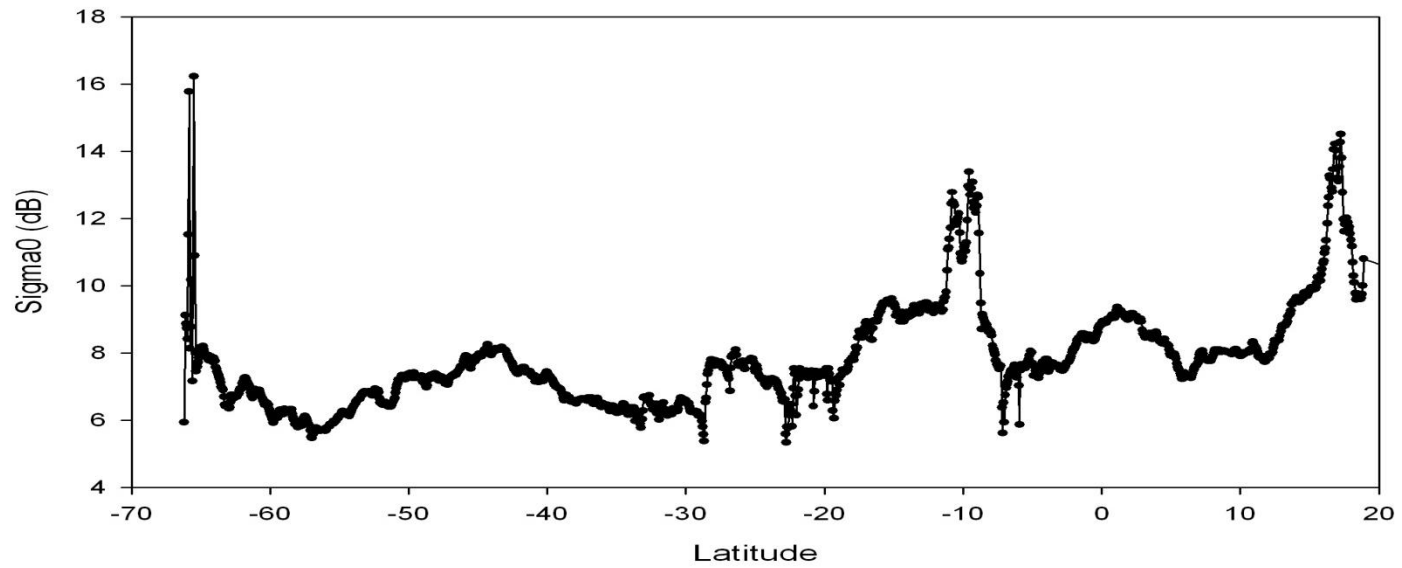


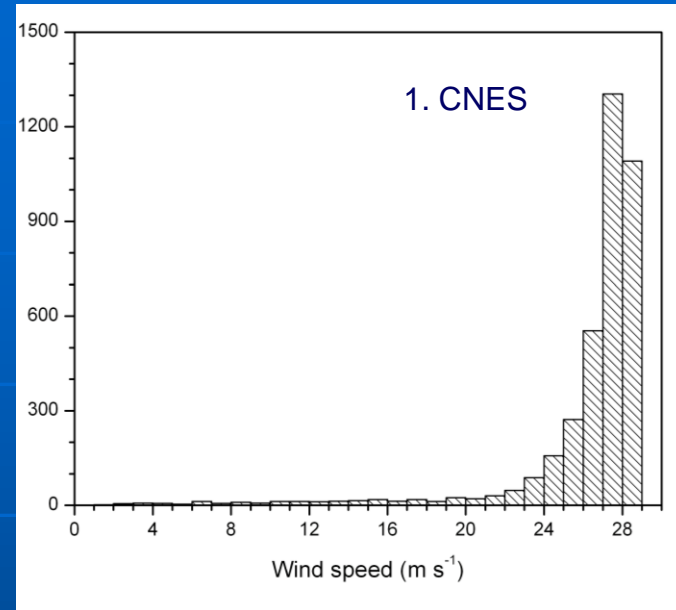
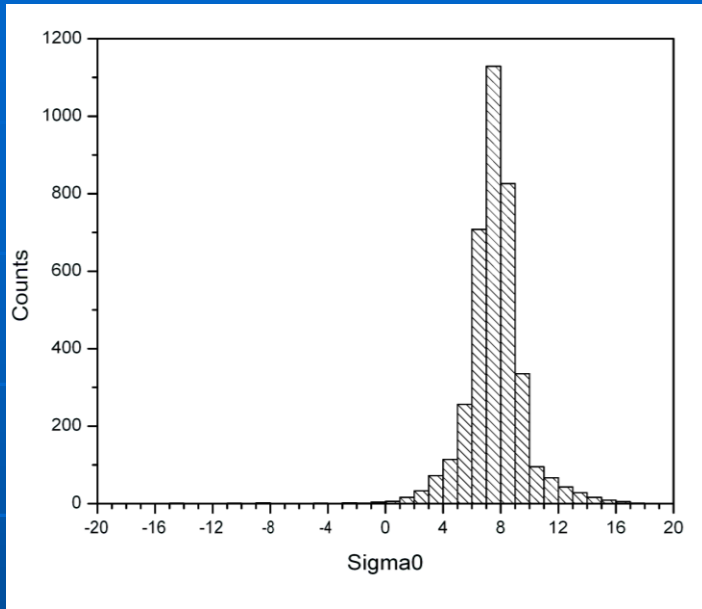
Wind Speed Estimation using SARAL/AltiKa Backscatter

R. M. Gairola

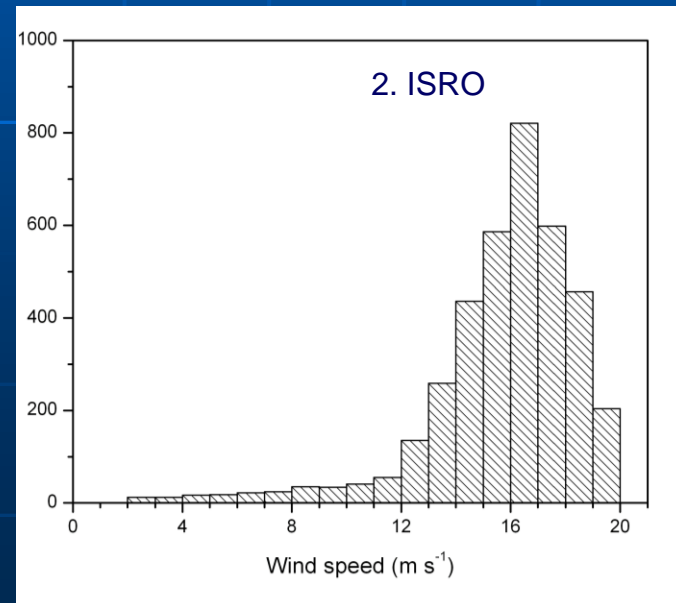


(Top) Sigma0 and (bottom) wind speed over Indian Ocean from 1. CNES and 2-SAC model function

Histogram of Sigma0 and wind speed 1. (CNES) 2. (ISRO)



The CNES winds shows the histogram peak at higher wind speed $\sim 25-26$ m/sec while the histogram peak for ISRO wind is observed at ~ 16 m/sec. However, this needs proper calibration of sigma0 .



THANK YOU