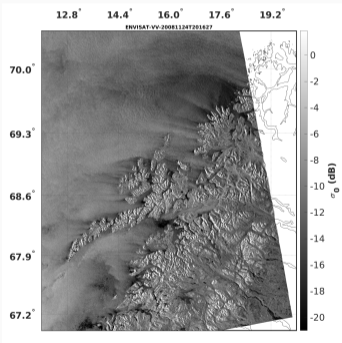
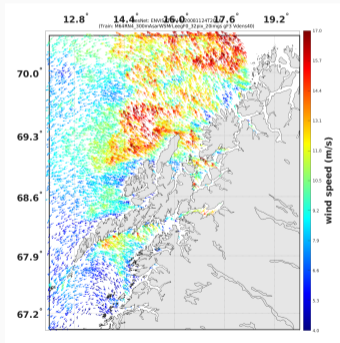


Validation of scat-derived coastal winds: is SAR suitable?

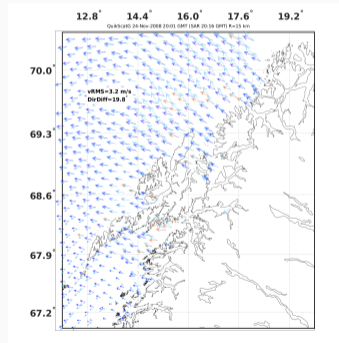
- How can we validate scat-derived coastal winds?
- Is SAR mature for this purpose? If not, how can we improve it?
- Can scat-derived winds be used to validate SAR winds? How?



ASAR σ_0^W in dB



ASAR-derived winds with a 2-step procedure:
ResNet (wind dir) + CMOD7 (wind speed). Grid
spacing is 900 m.



Light blue (dark blue) arrows: ASAR
(QuikSCAT)-derived winds on the QuikSCAT WVC
grid @ 12.5 km. Orange arrows: rainy WVCs.