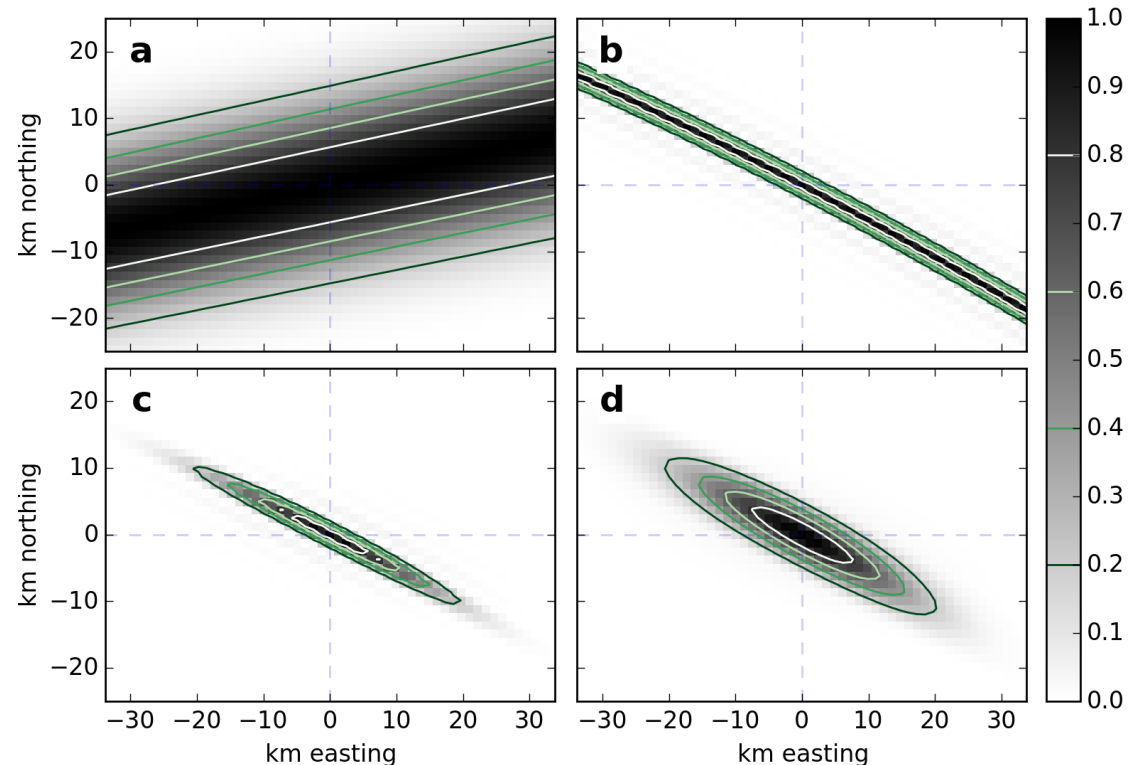




# A Parameterized ASCAT Measurement Spatial Response Function (SRF)

- The SRF describes the footprint of each ASCAT measurement
- A parameterized SRF permits real-time use
- SRF validated using calibration data and backscatter data
- ASCAT SRF will be used to compute the land fraction for near coastal measurements



- a) ASCAT antenna gain pattern
- b) Range/Doppler filter response
- c) Single pulse SRF
- d) Integrated SRF