

S1: Sentinel-1 SAR data at the planned mooring sites

- Data source: <https://scihub.copernicus.eu/>
- Data type: Sentinel-1 Synthetic Aperture Radar (SAR) – **resolution depending on imaging model (e.g. EW (GRD) – 40 m pixel spacing)**
- Data citation: “Original data downloaded from Copernicus Open Access Hub, and processed by Phil Hwang”
- Copyright: ©(year) ESA
- Subset region during SAR preprocessing: lat_min=80, lat_max=82.5, lon_min=15, lon_max=35
- GeoTiff files: contains backscattering coefficient (i.e., sigma0) in UTM coordinate. ***I downgrade the resolution to 200 m per pixel for those GeoTiff files. Full resolution files are available on request.**
- Png files: quick view images. The red dot marks the location of planned mooring. The sigma0 values are shown for the range of -30 dB to -10 dB in the images.

