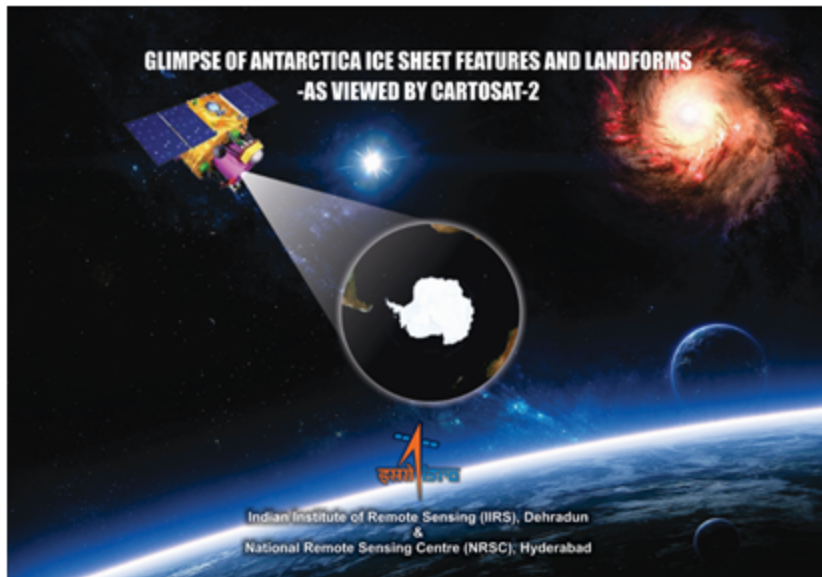
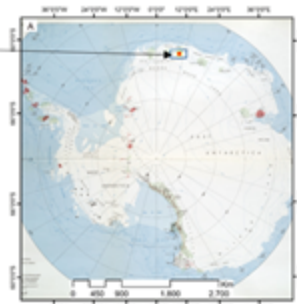


In House R&D: a) High resolution optical (cartosat-2) and microwave (RISAT-1) data based study for part of Antarctica



- Study Area: Princess Astrid Coast of Queen Maud Land
- More than 200 Carto-2 scenes acquired and ortho-processed
- Period: December 2014 to February 2015
- Superior quality of Carto-2 images due to tiltable viewing (Landsat 8 Pan images were compared)
- **Icesheet features & Glacier landforms identified**



- Nunataks
- Crevasses
- Horns
- Aretes
- Cirques
- Wind scoop
- Glacier flow paths
- Moraine
- Sastrugi etc.



High wind speed plays an important role in formation of such features

