The Calibrated, Enhanced-Resolution EASE-Grid 2.0 Brightness Temperature (CETB) Climate Record: 1978-present

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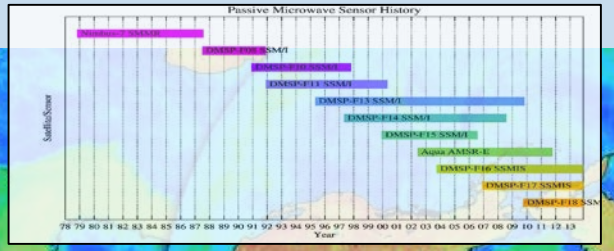
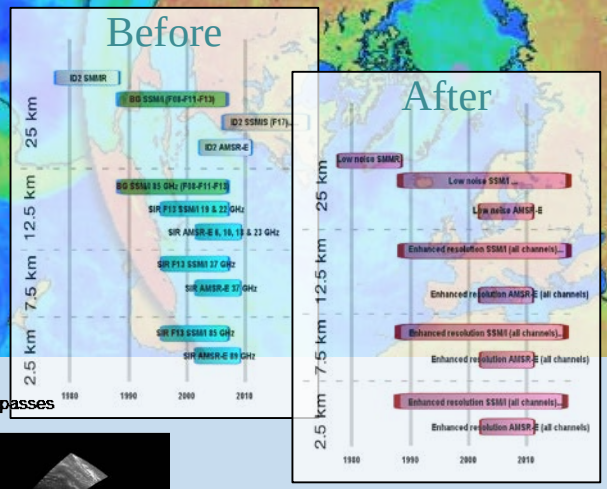
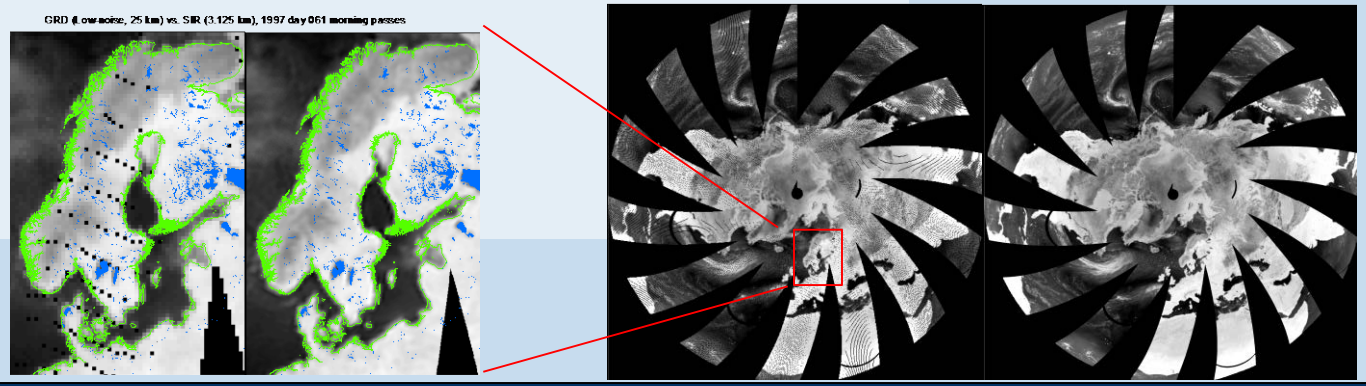
Objective:

Produce an improved, enhanced-resolution, gridded passive microwave ESDR for monitoring cryospheric and hydrologic time series

- Full record will include SMMR, all SSM/I-SSMIS and AMSR-E
- Use newly recalibrated L1B SSM/I-SSMIS FCDRs
- Conventional 25 km grid images plus
- Enhanced resolution images
- Daily average and twice daily local-time-of-day images
- EASE-Grid 2.0 projection







CETB data now Available from NSIDC

http://nsidc.org/pmesdr

D.G. Long and M.J. Brodzik, Optimum Image Formation for Spaceborne Microwave Radiometer Products, *IEEE Transactions on Geoscience and Remote Sensing*, 54(5), 2763-2779, doi:10.1109/TGRS.2015.2505677, 2016.