Annex to the FRINGE 2015 Abstract

"Interferometric control for mapping and quantifying the 2011-14 breakup of Matusevich Ice Shelf, Severnaya Zemlya"

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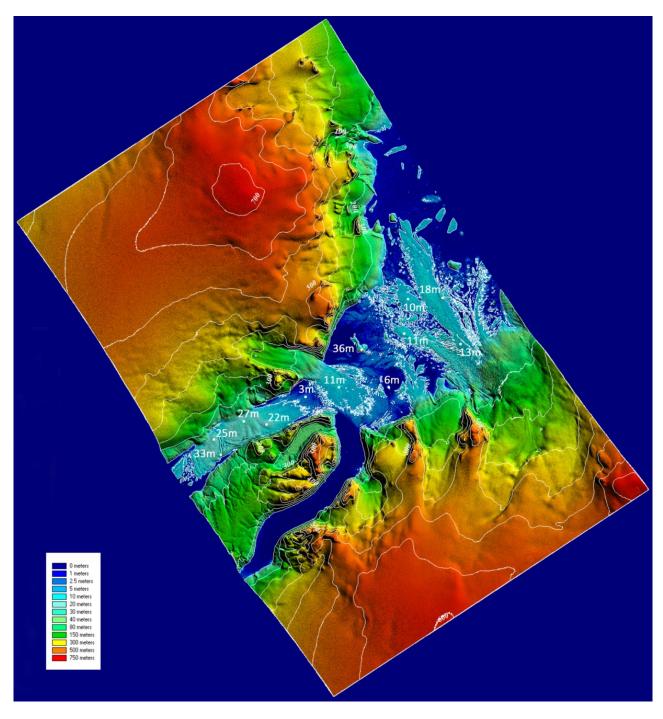


Figure 1. TDX DEM of Matusevich Ice Shelf (05.05.2011)

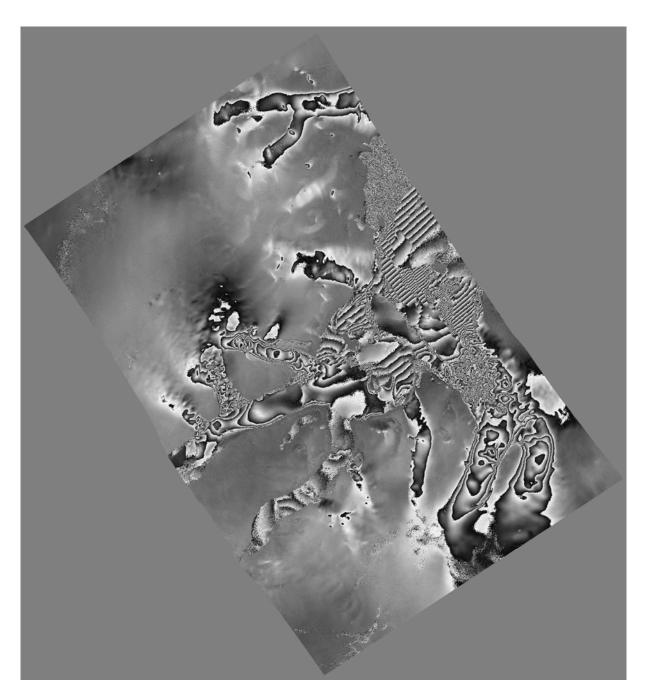


Figure 2. ERS-1/2 differential SAR interferogram of MIS (23/24.09.1995)

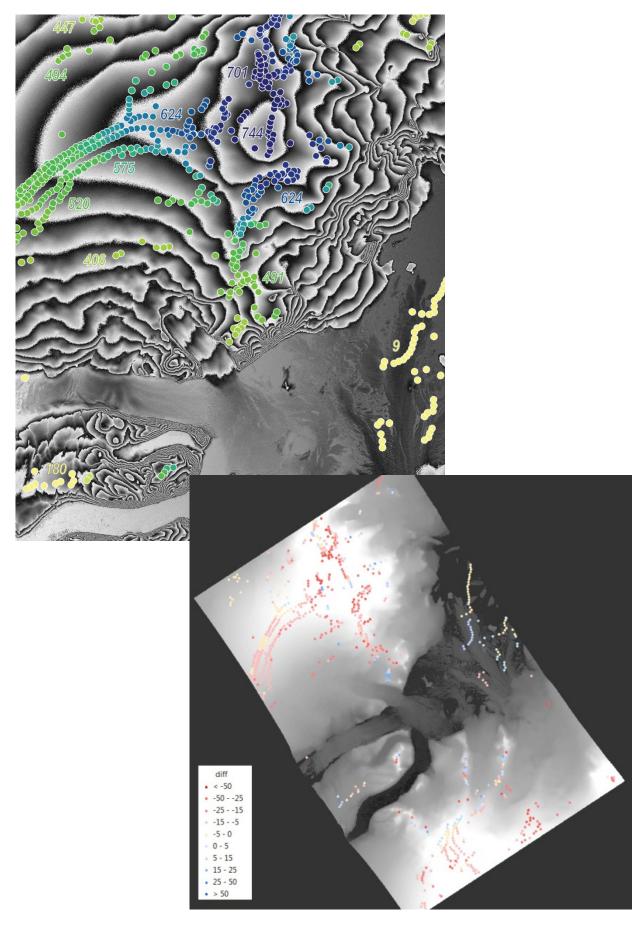


Figure 3. TDX fringe image (top) and DEM (bottom) overlaid with CryoSat-2 data (elevation spots 2012; elevation change for 1984-2012)

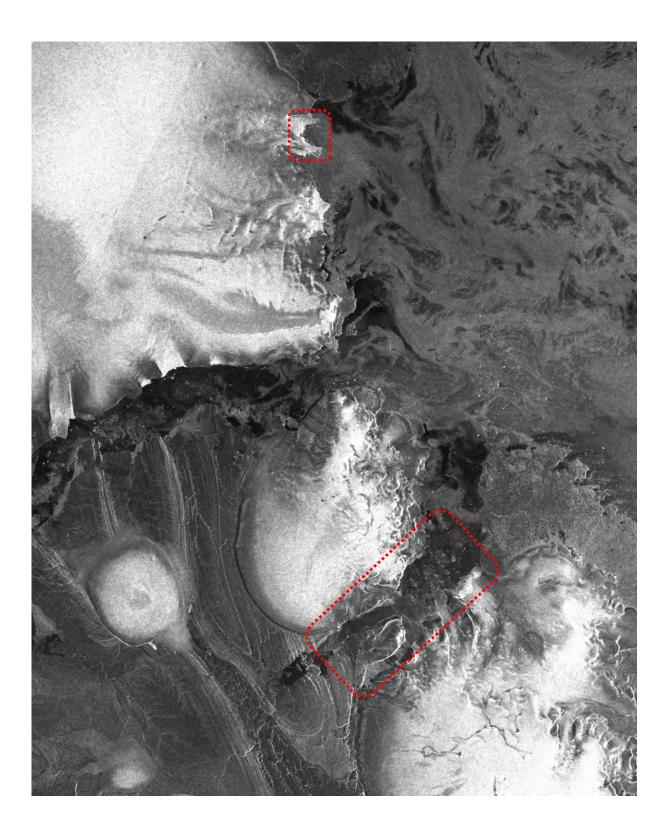


Figure 4. Figure 5. MIS and Ice Shelf No.19 in Sentinel SAR-C scene of 09.10.2014

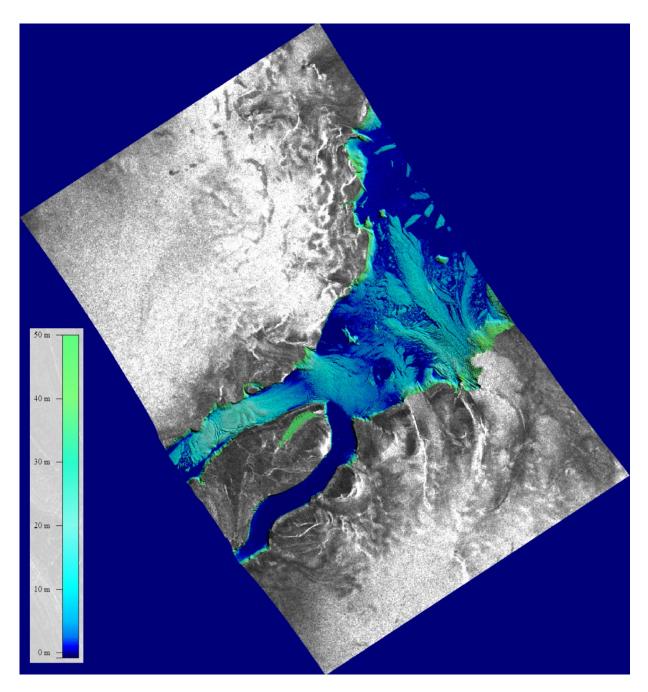


Figure 5. Sentinel SAR-C scene of 09.10.2014 geocoded and overlaid with TDX DEM (fragment)

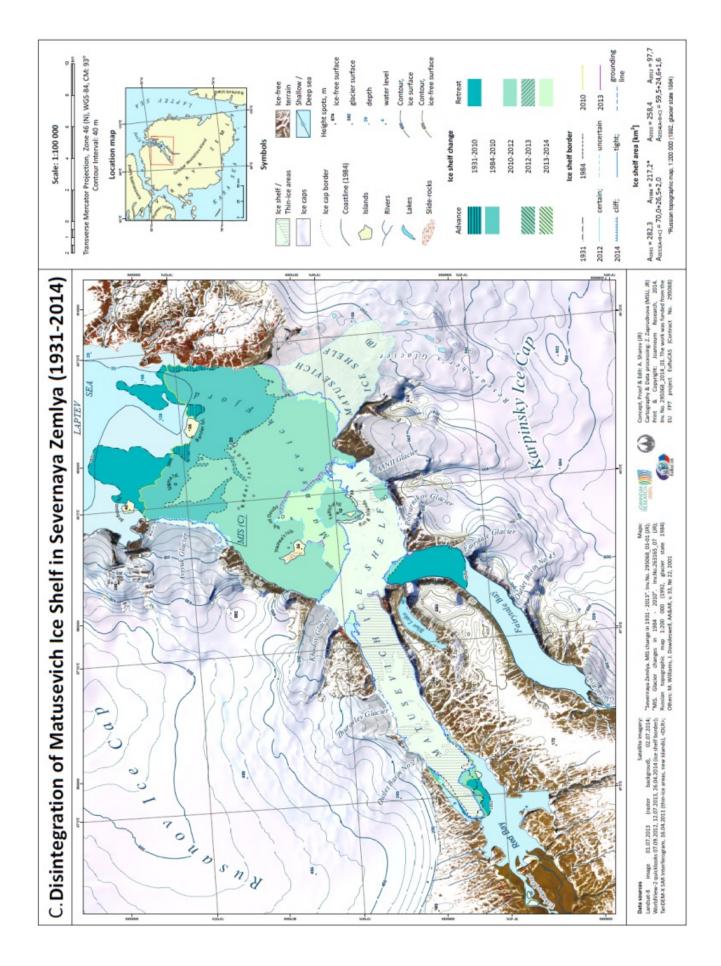


Figure 6. MIS Disintegration in 1931-2014. Satellite image map 1:100,000