

Validation Of Satellite-derived Sea Level Data Against Tide Gauge Data From The Mozambique Coast

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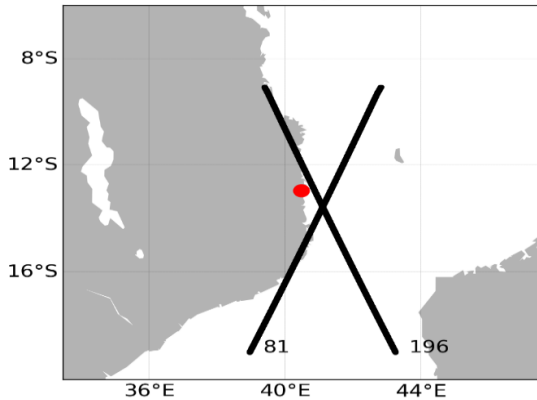
Clousa Maueua, INAHINA - Maputo

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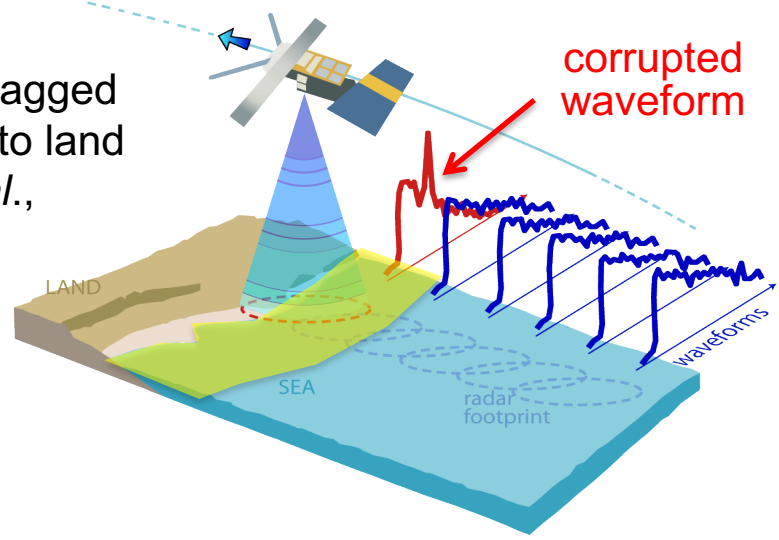


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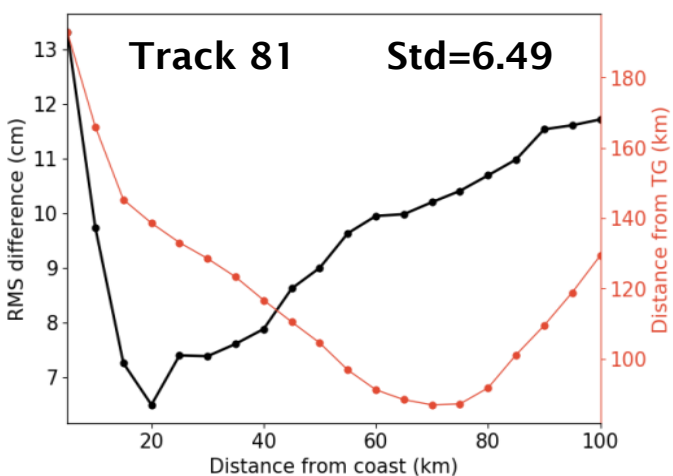
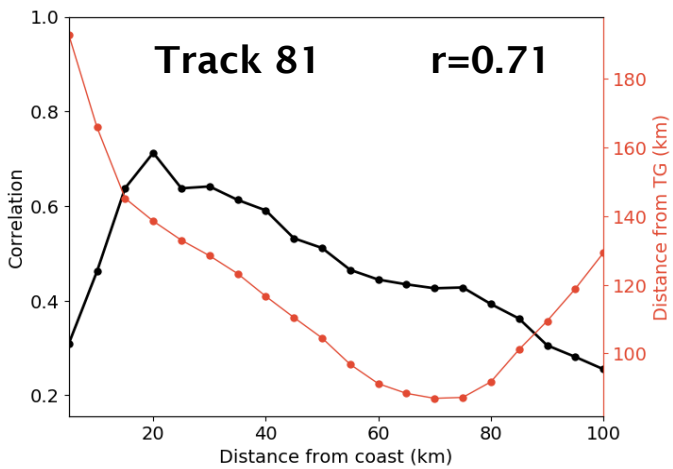
Coastal altimetry data are flagged as bad and left unused due to land contamination (Passaro *et al.*, 2014).



TG data period:
 Maputo 2002-2004
 Inhambane 2011
 Beira 2002
 Pemba 2007-2013

Satellite data period: 2002-2016

The C-RISe project reprocessed about 15 years of altimetry data in the coastal zone using an algorithm called Adaptive Leading-Edge Subwaveform (ALES) developed by the National Oceanography Centre.



The statistics for the Pemba station showed altimetry data of the track 81 measured at 138.57 km of the Pemba tide gauge are valid and can be used for coastal applications.

