Sea Level CCI Phase II
Final review

WP2700: Implementing and Evaluating a 2-D Retracker

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Reminder of Technique

\[ f(\zeta, Hs, \sigma^0) \]

\[ f(\zeta_j, Hs_j, \sigma^0_j) \]

\[ f(\zeta_j, Hs_j, \sigma^0_j) \]

\[ f(\zeta_j, Hs_j, \sigma^0_j) \]

\[ f(\zeta_j, Hs_j, \sigma^0_j) \]

\[ \zeta_j = a(j-j_0)^2 + b(j-j_0) + c \quad etc. \]
Application
Measures of Agreement

(Simulated data)

Total SL

Tide Gauge
Altimeter

Tidal res.

→ S.D. of difference after tidal correction
2D retracker technique coded and implemented

Works well in open ocean
  (processing time ~3x standard processing)

Tracks close to 12 TG stations processed for ~87 cycles

Evaluation still ongoing