

Dear Dr. Bamber,

Thank you for your decision letter and for the constructive framing of the editorial recommendation. We agree that the discussion raised by the referees and public comments points toward issues broader than the specific dataset comparison at the center of this exchange, and we have revised the manuscript accordingly.

The revised comment retains our core technical points regarding the Li et al. (2026) analysis, but we have restructured it to foreground general best practices for InSAR product intercomparison, benchmarking, and uncertainty quantification, with the Li et al. case serving as a motivating example rather than the sole focus.

Specifically, we have made the following changes:

1. The title has been revised to "Toward Rigorous Intercomparison of InSAR Products: Resolution, Validation, and Uncertainty in Coastal Subsidence Estimates," reflecting the broadened scope.
2. The abstract is restructured to lead with the epoch mismatch between the compared products (2007–2020 vs. 2017–2020) as the primary driver of apparent disagreement, before turning to the resolution and validation issues.
3. We have added a section presenting general recommendations for the community: (1) matching spatial resolution through native-resolution comparison or principled, symmetric aggregation rather than ad hoc downsampling; (2) validation networks that are representative of the full spatial domain rather than restricted to atypical stable subsets; and (3) uncertainty thresholds derived from formal error propagation rather than empirical inter-product spread.
4. Sections 3, 5, and 8 have been revised to shift emphasis from critique of a specific paper toward methodological guidance, and Table 1 labels have been softened accordingly.

We believe these revisions respond directly to the editorial guidance while preserving the scientific substance of our original comment. Along with this letter, we are also submitting a revised file with all changes and modifications embedded, along with a marked-up version showing the changes made.

We hope the revised manuscript is now suitable for further consideration, and we are happy to make additional adjustments as needed.

Sincerely,

Manoochehr Shirzaei

On behalf of all co-authors