

Appendix 3: Residual Vertical Land Motions over selected regions

This supplementary material shows residual VLM trends and cumulative uncertainty values across Alaska, Japan, Australia, Hawaii, Great Britain, Gulf of Mexico, North-East Mediterranean basin, South-East Asia and the region of the San Andreas fault. We remind here that the residual VLM trends are the observed VLM trends corrected for surface loading and glacial isostatic adjustment due to the past and present-day ice mass changes. The cumulative uncertainty is computed by adding the errors on observed and predicted VLM trends in quadrature.

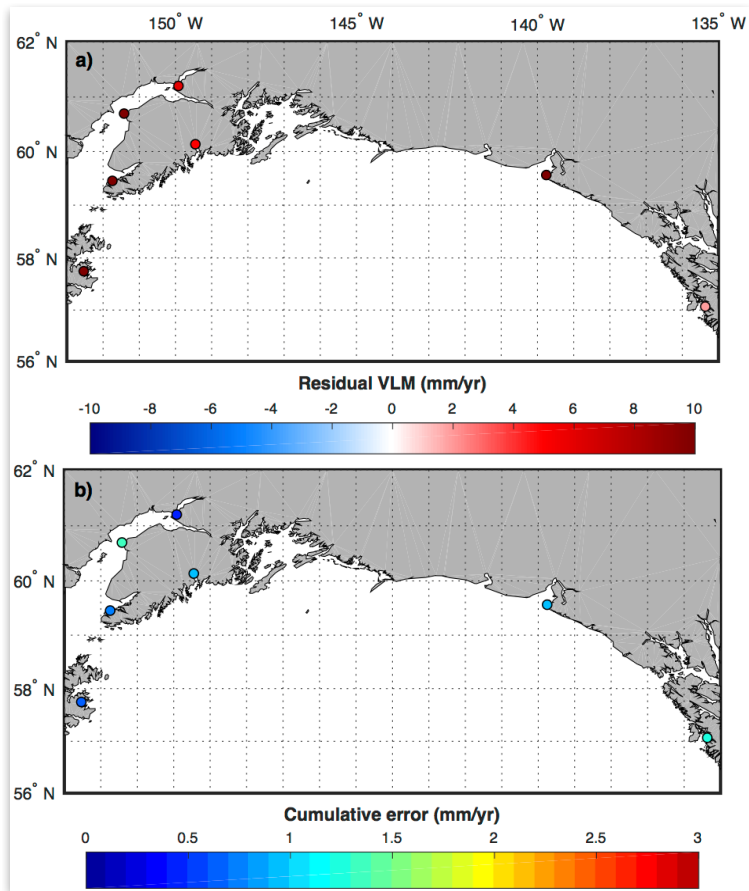


Figure 1. Residual VLM trend (a) and cumulative uncertainty (b) over Alaska.

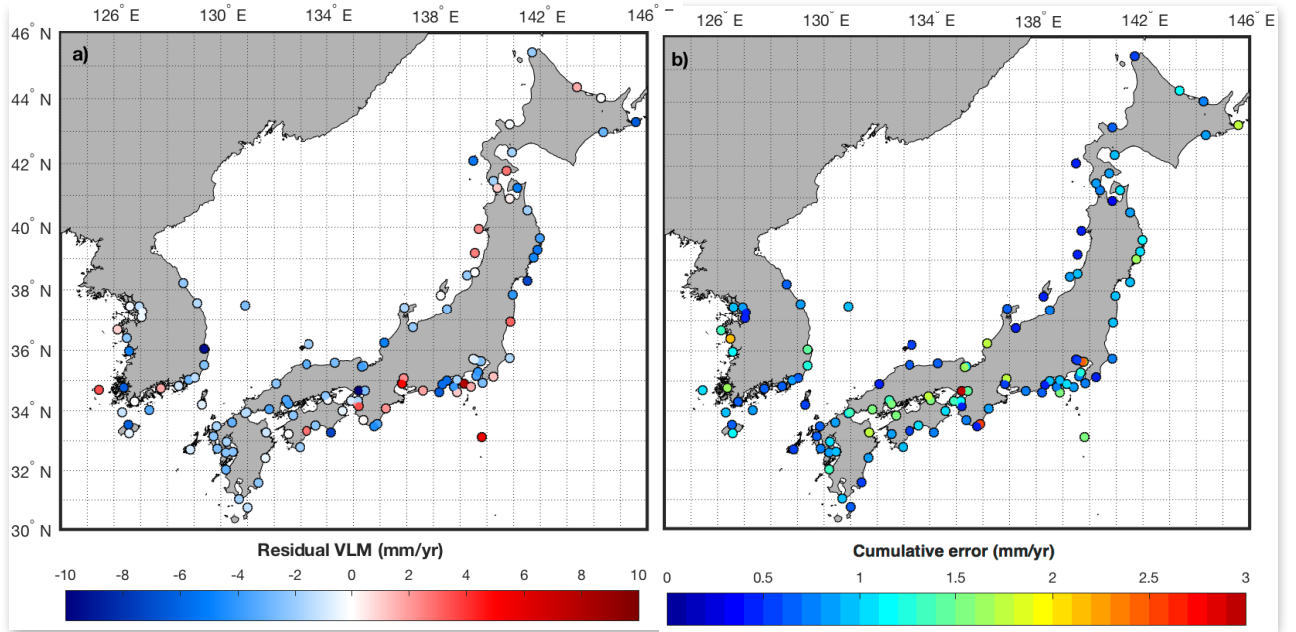


Figure 2. Residual VLM trend (a) and cumulative uncertainty (b) over Japan.

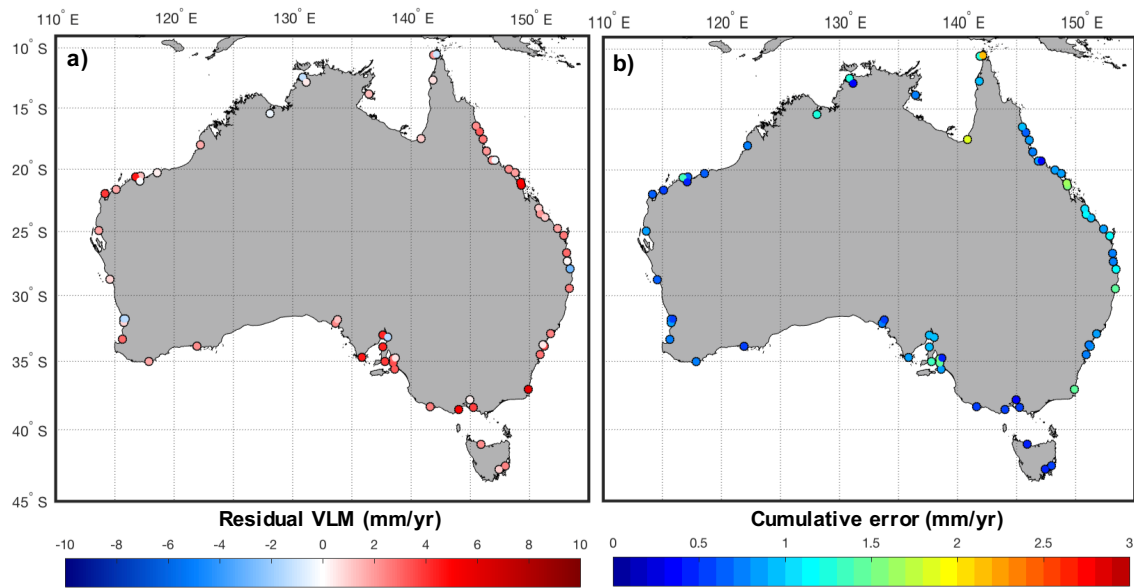


Figure 3. Residual VLM trend (a) and cumulative uncertainty (b) over Australia.

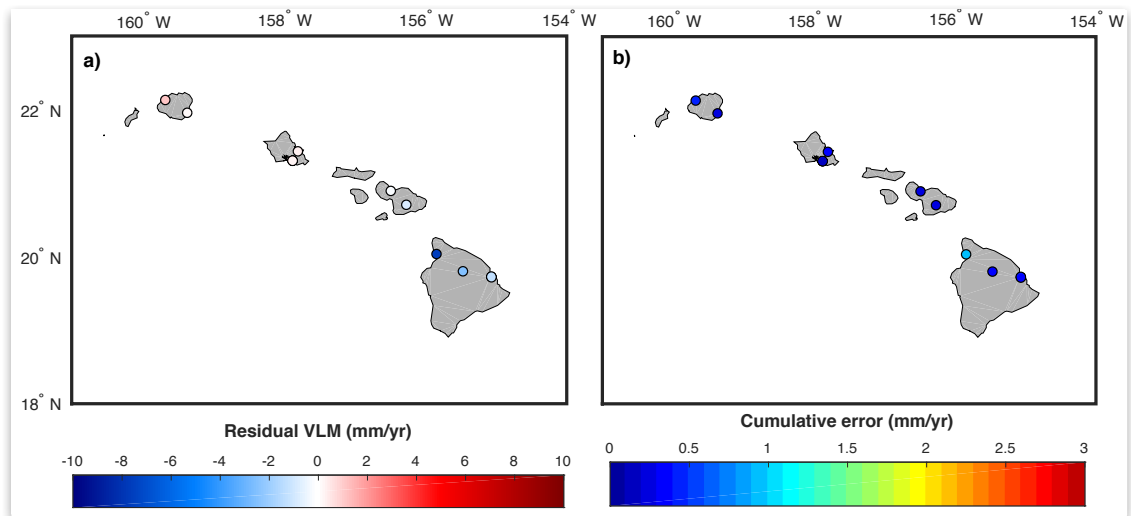


Figure 4. Residual VLM trend (a) and cumulative uncertainty (b) over the Hawaiian archipelago.

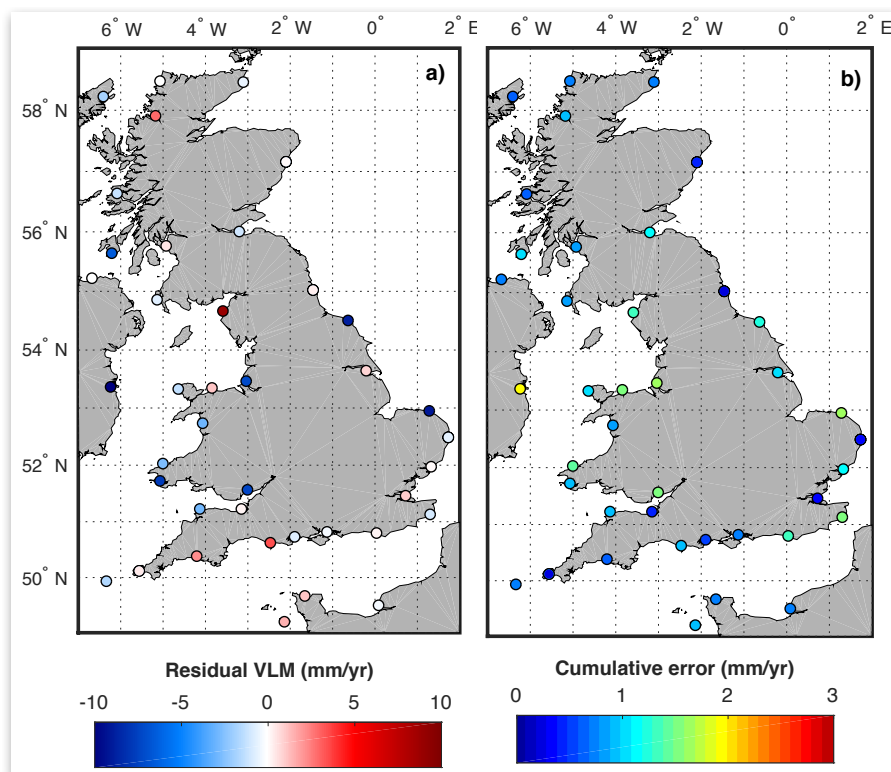


Figure 5. Residual VLM trend (a) and cumulative uncertainty (b) over Great Britain.

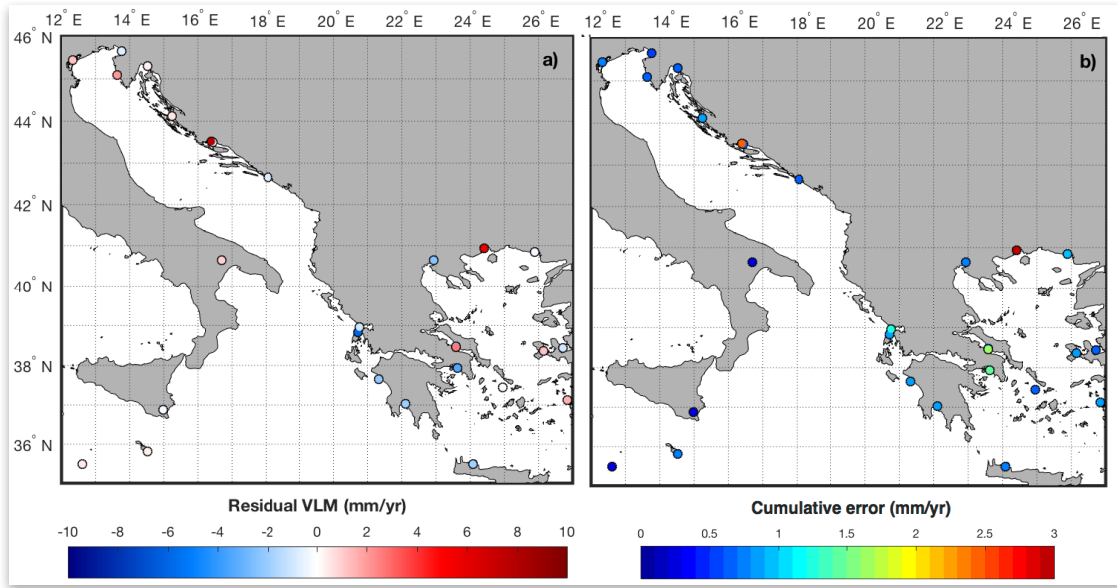


Figure 6. Residual VLM trend (a) and cumulative uncertainty (b) across the North-East of the Mediterranean basin.

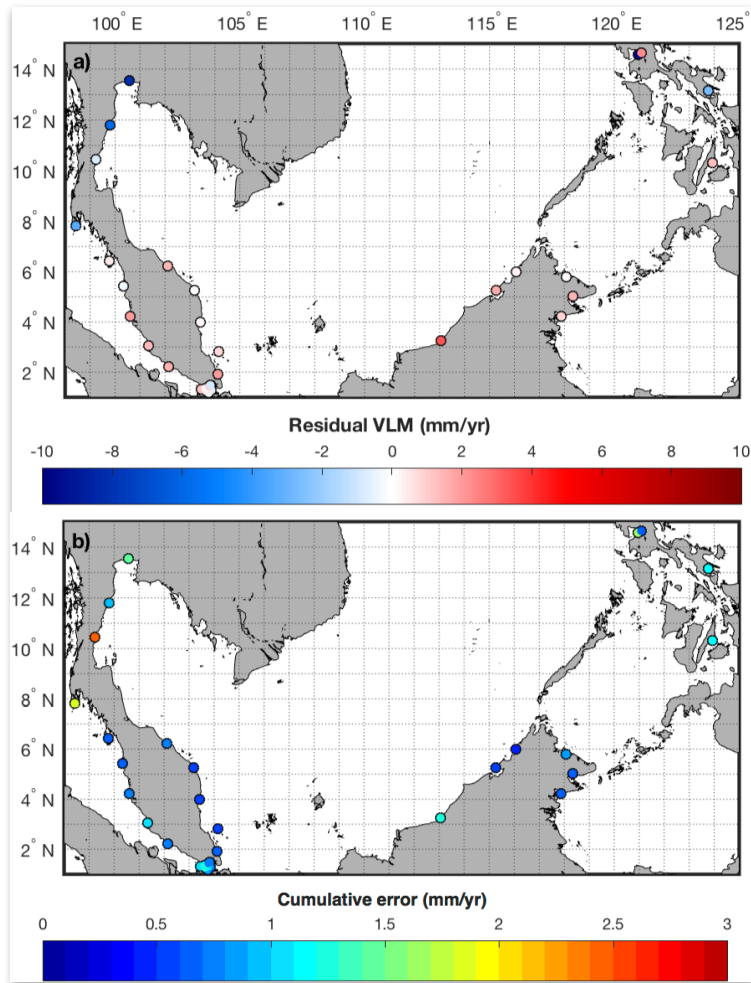


Figure 7. Residual VLM trend (a) and cumulative uncertainty (b) across South-East Asia.

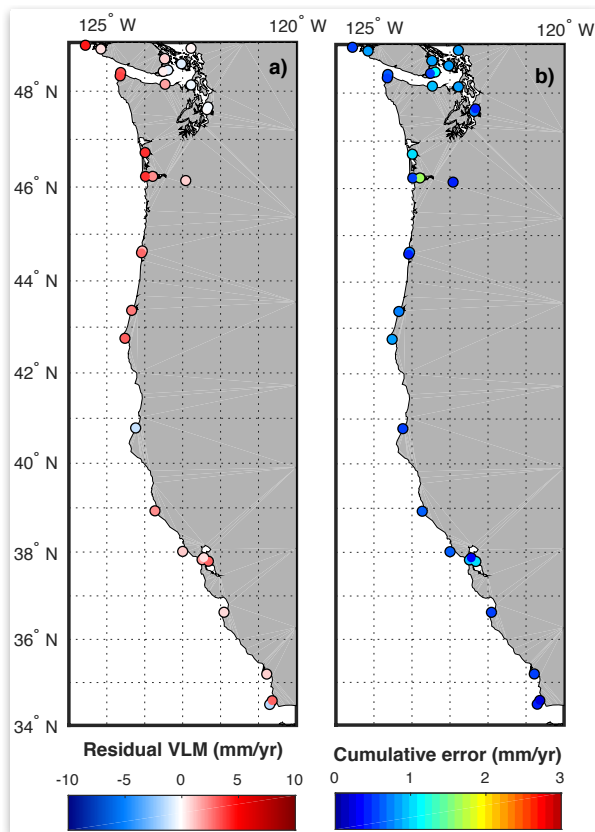


Figure 8. Residual VLM trend (a) and cumulative uncertainty (b) across the region of the San Andreas fault.

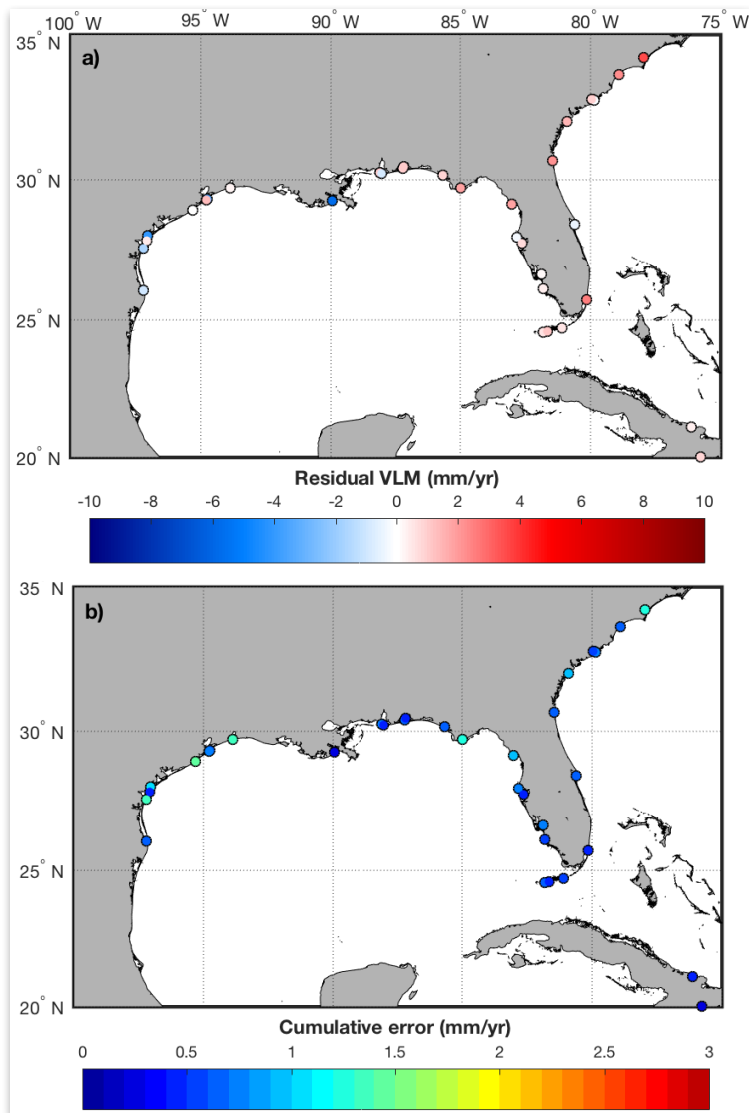


Figure 9. Residual VLM trend (a) and cumulative uncertainty (b) over the Gulf of Mexico.