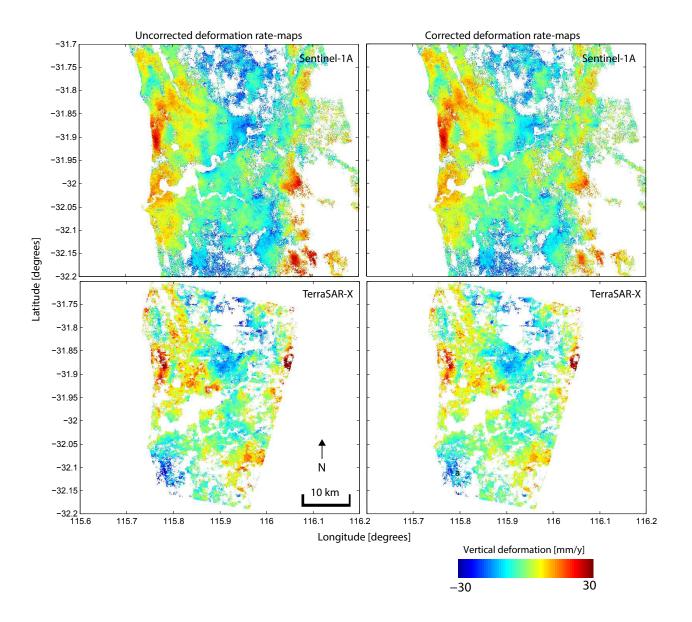
## Supplementary Materials: First results from Sentinel-1A InSAR over Australia: application to the Perth Basin

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**Figure S1.** Comparison between deformation rate-maps where atmospheric errors have not been corrected (left column) and where atmospheric errors have been reduced using ERA-I (right column). Top row: deformation rate-maps produced using 11 consecutive Sentinel-1A interferograms covering 27 August 2015–17 May 2016. Bottom row: deformation rate-maps produced using 21 consecutive TerraSAR-X interferograms spanning 29 August 2015–19 May 2016.