



The assimilation of multi-GNSS tropospheric data

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Radio signals which are transmitted by the multi-GNSS constellation and received by a ground-based station allow the estimation of the Zenith Total Delay, the so-called horizontal delay gradients and Slant Total Delays. We developed operators to assimilate these multi-GNSS tropospheric data in a variational data assimilation framework. In this presentation we overview our latest impact trials using simulated and real observation.