

## **VieVS exercise: displacements due to Earthquakes**

Use VieVS to estimate how much TIGO and Tsukuba was displaced by the 2010 Chilean and the 2011 Japanese Earthquakes, respectively. To do this, analyse two sessions with the respective stations, one before and one after the Earthquake. Then find out the position estimates, and compare these before and after the Earthquake to find the displacement.

For TIGO and the Chilean Earthquake, use the sessions: 10FEB18XE\_N004 and 10MAR22XA\_N004

For Tsukuba and the Japanese Earthquake, use the sessions: 11FEB14XA\_N004 and 11APR04XA\_N005