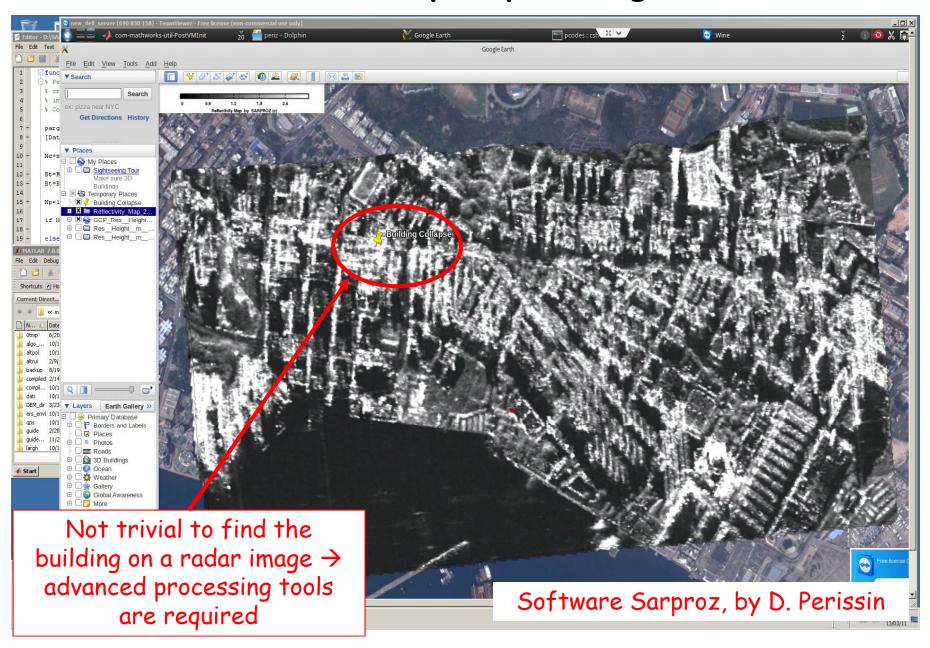


AT 45J MA TAU WAI ROAD TO KWA WAN, KOWLOON - K.I.L. 8627 ON 29 JANUARY 2010

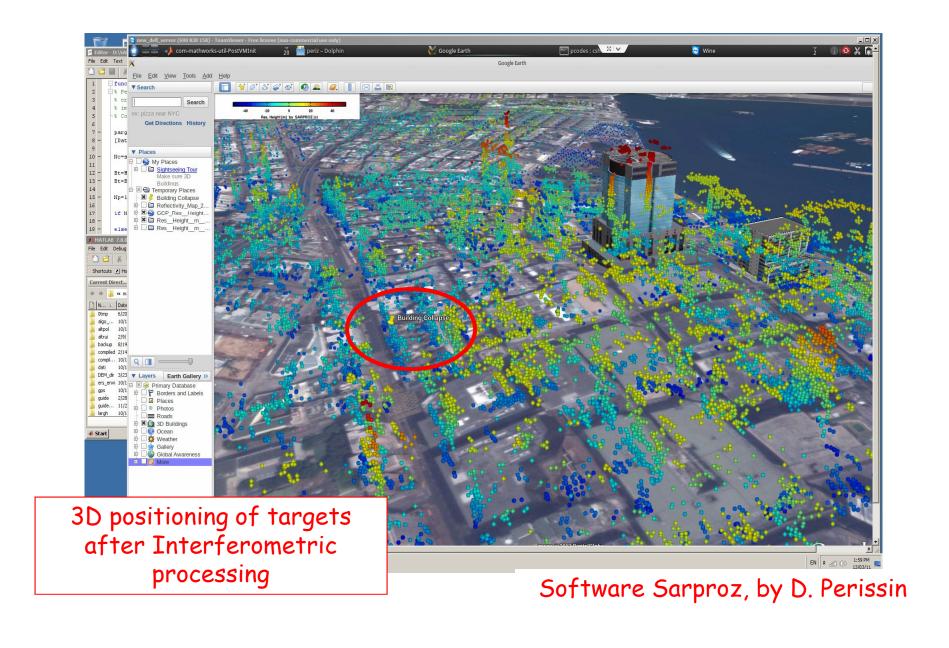
Credits:
Daniele Perissin
info@sarproz.com



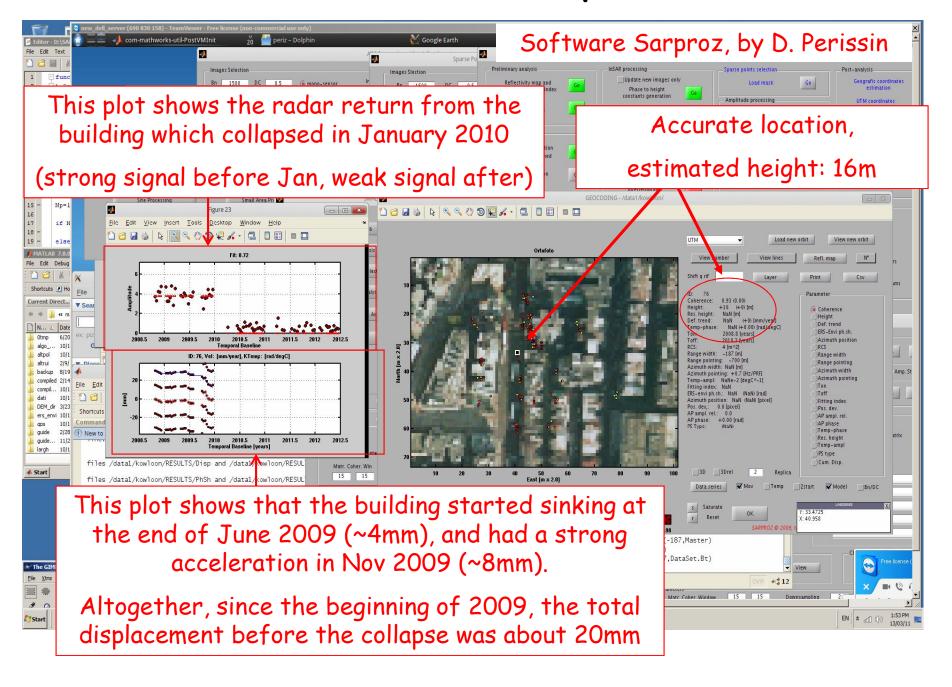
## Radar Reflectivity Map in Google Earth



## Detected Radar Targets in Google Earth



## The Kowloon Collapse



## Comments

The building at 45j Ma Tau Wai Road, To Kwa Wan, Kowloon was visible from radar images taken by the satellite TerraSAR-X since October 2008.

The interferometric analysis shows that the building started sinking in Summer 2009. Before November 2009, the detected movements were not enough to rise a warning (they could be interpreted as thermal expansion). However, after November 2009 it was clear that the building was affected by a different and stronger process.

The building beside the collapsed one and the ground (street level) do not show significant movements neither before nor after the collapse.

This means that data were available to rise a precise warning before the building collapsed. An in-situ survey driven by the warning could have revealed the possibility of collapse, saving 4 human lives.

Daniele Perissin, info@sarproz.com