







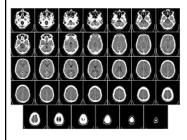
Leveling

GPS

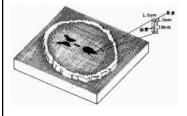
Computed Tomography (CT)



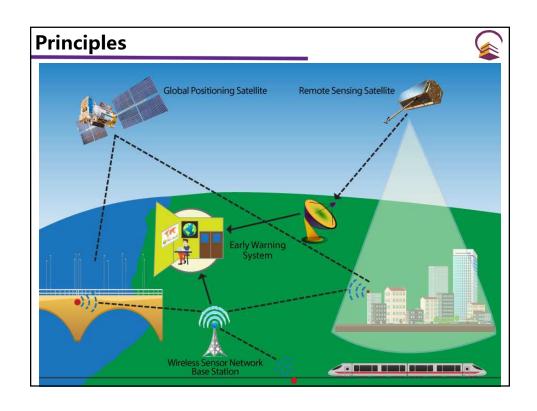
X-Ray Computed Tomography, $\,$ X-CT can help to generate the 3D images of our body or part of our body

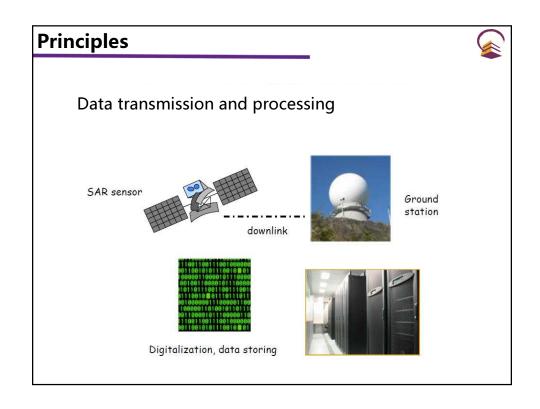


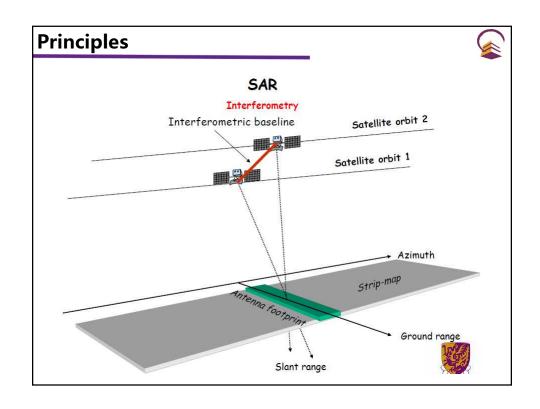


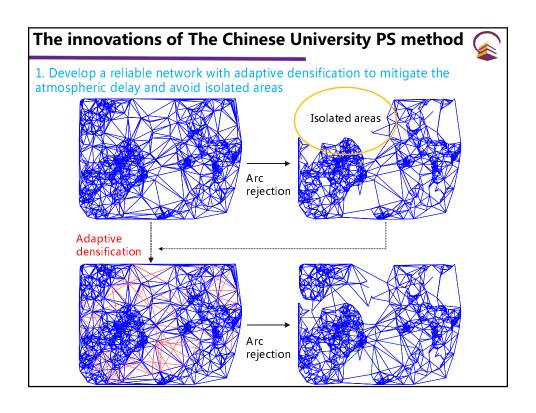


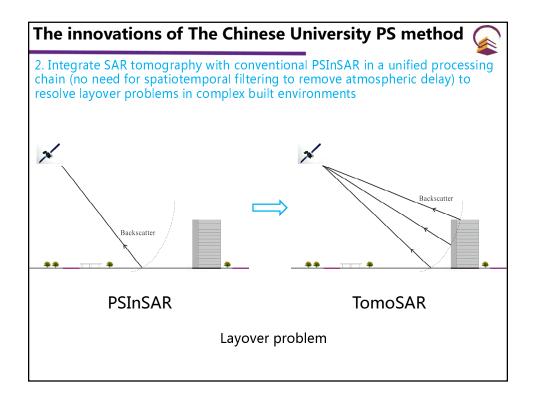
Regular CT Scanning for Health Checking

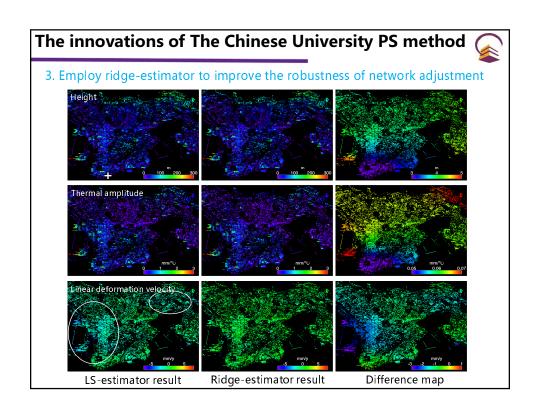


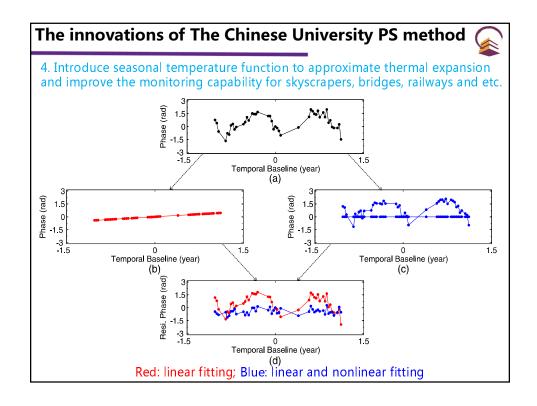


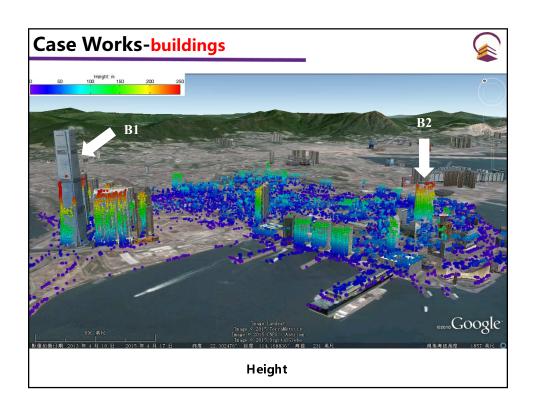


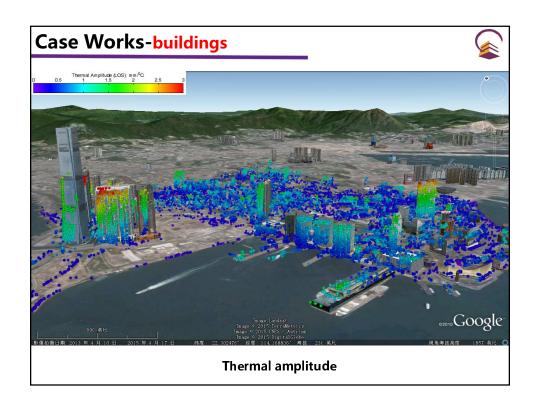


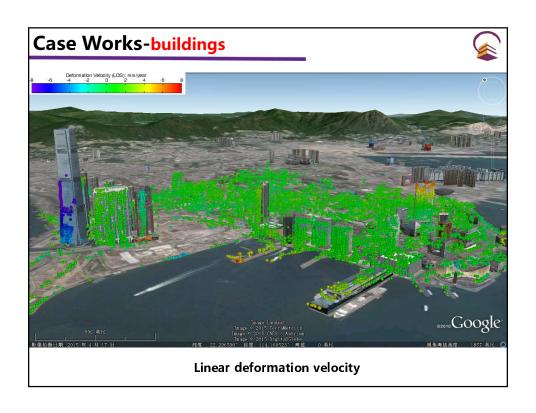


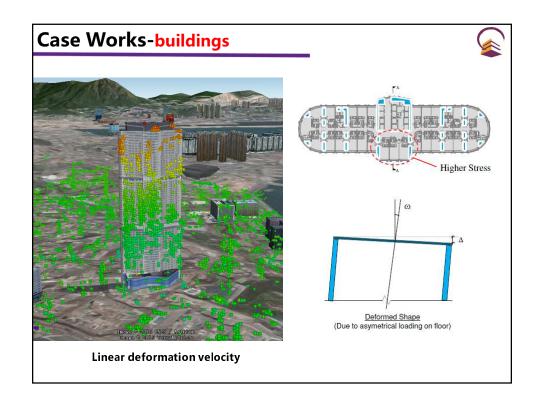


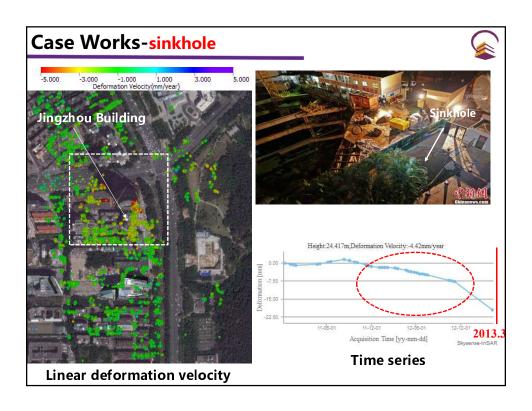


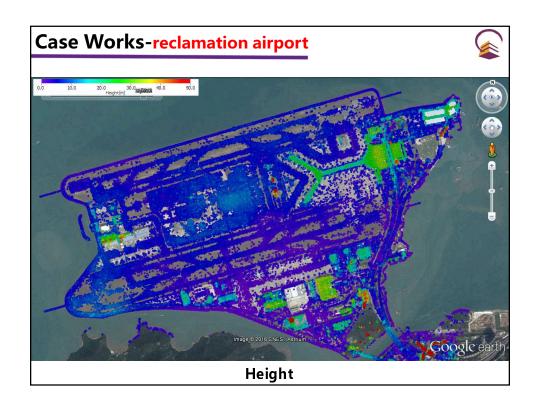


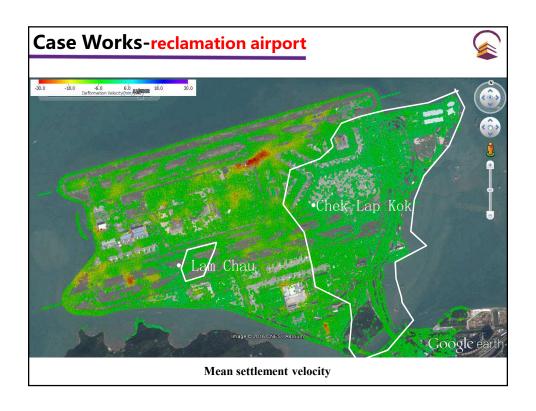


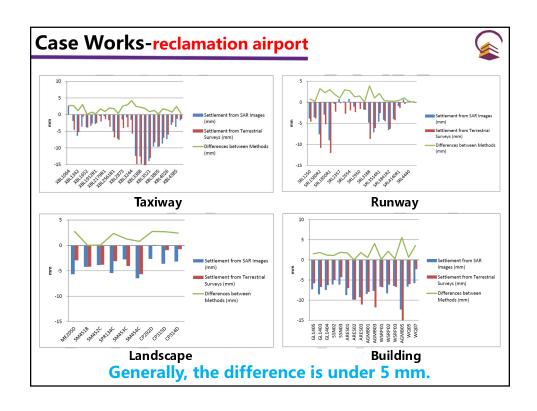


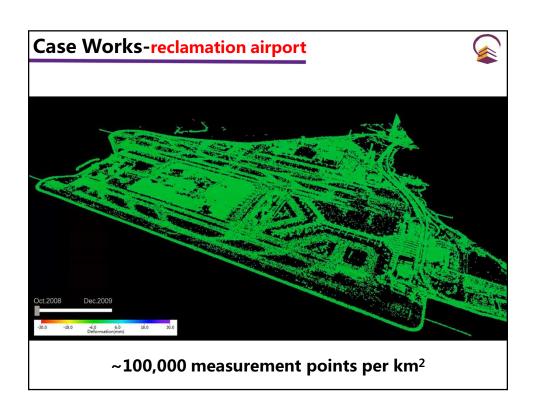


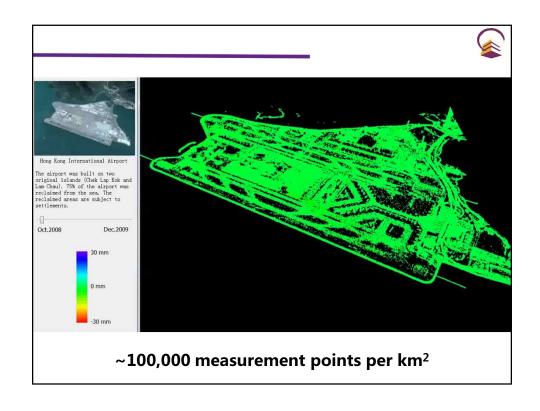


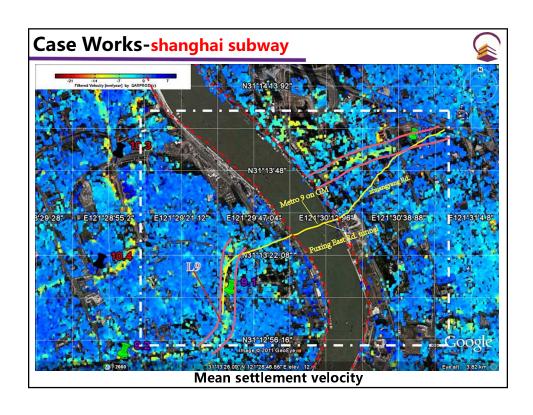


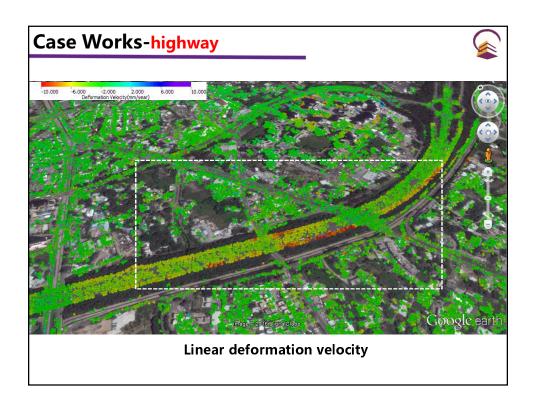


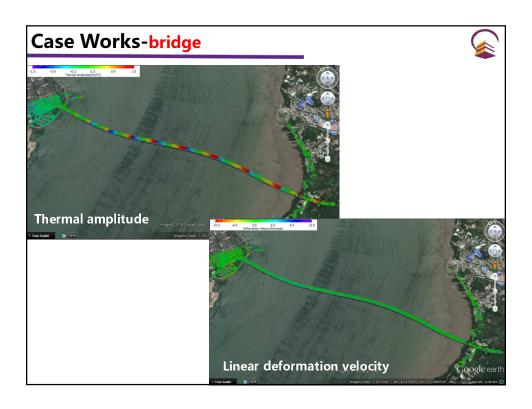


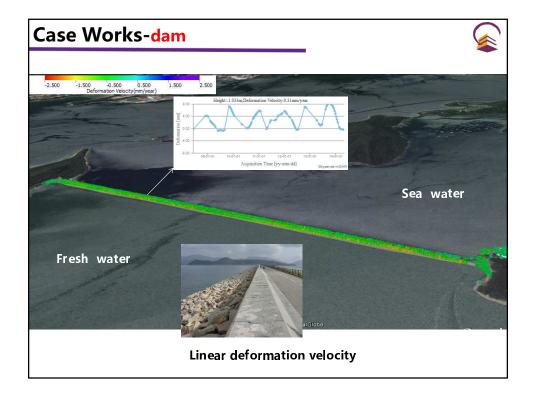












Summary



- > We need to pay more attention to those hidden risks as the results of rapid urbanization
- > The health of urban infrastructure should be regularly checked with efficient ways
- InSAR technology can help for building up the urban "CT" platform
- > A Space/ground based integrated platform could provide a solution for monitoring the urban infrastructure health

Future Research



Key issues:

- How to standardize methodologies for engineering and scientific use
- How to construct multi-level (individual-, district-, city-, regional-, national-level) monitoring system
- How to establish an early-waning system for urban infrastructure diagnosis

