Supplementary of Article:

Potential of Using Phase Correlation in Distributed Scatterer InSAR Applied to Built Scenarios

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Figure S1. Comparison of execution time regarding to the steps of pixel clustering (AD vs PC), phase reconstruction (BF vs WPL) and the entire procedure (ADWPL vs PCPWPL). AD/PC means the ratio of time consumed in AD and that in PC.



Figure S2. Mean values of $|\phi|$ and *Cor* estimated from the filtering window for the real data set of 28 CSK images covering the HKIA.



Figure S3. The detected PS and DS points from PCPWPL applied to C-band ASAR-Stripmap, X-band CSK-Stripmap and X-band TSX-Spotlight datasets covering the HKIA. Results are displayed in their original SAR coordinates.



Figure S4. Geocoded deformation maps of integrated PS and DS results from the three datasets in Figure S3, with their time periods annotated in top-left. Values are displayed in the normal vertical direction, assuming all the LOS deformation are due to vertical movement. White dashed polygons indicate the original rock islands of Lam Chau and Chek Lap Kok. Reference point is marked as red cross, background optical map is from Google Earth.