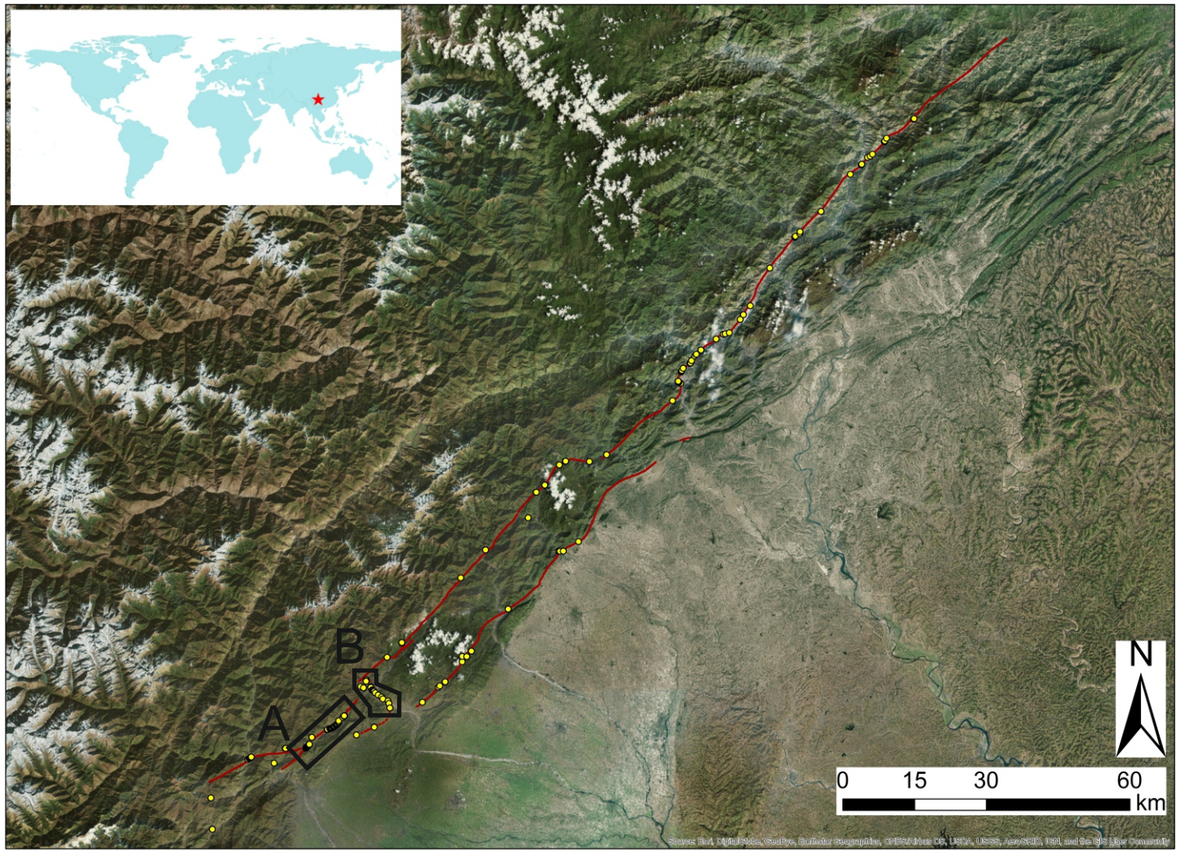
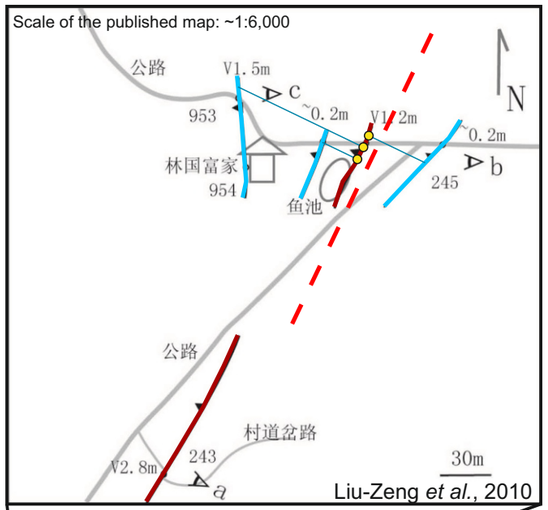
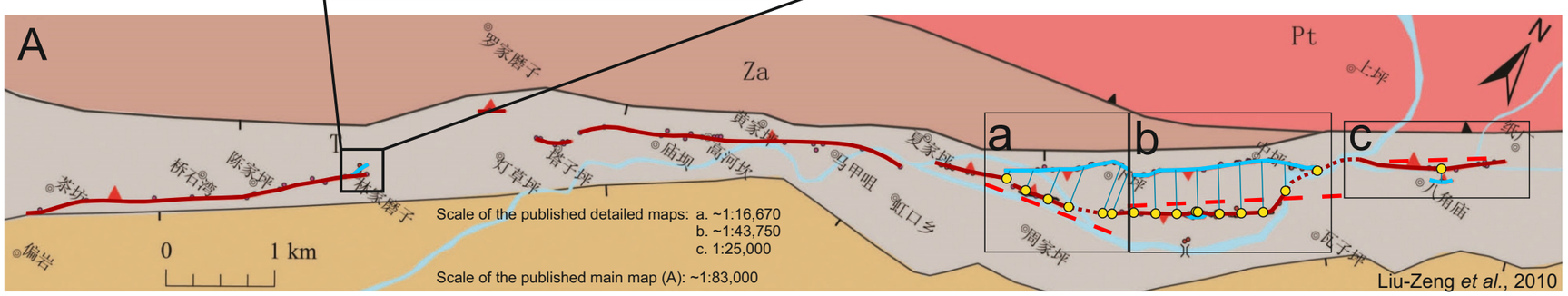


Earthquake	**Wenchuan, China**
Date	2008.05.12
Magnitude	M_w 7.9
Kinematics	R-RL
Surface rupture length (km)	240
Maximum displacement (m)	6.5 (v); 4.9 (h)
Depth (km)	19.0 (USGS)
References	See Table 1 and Table S1

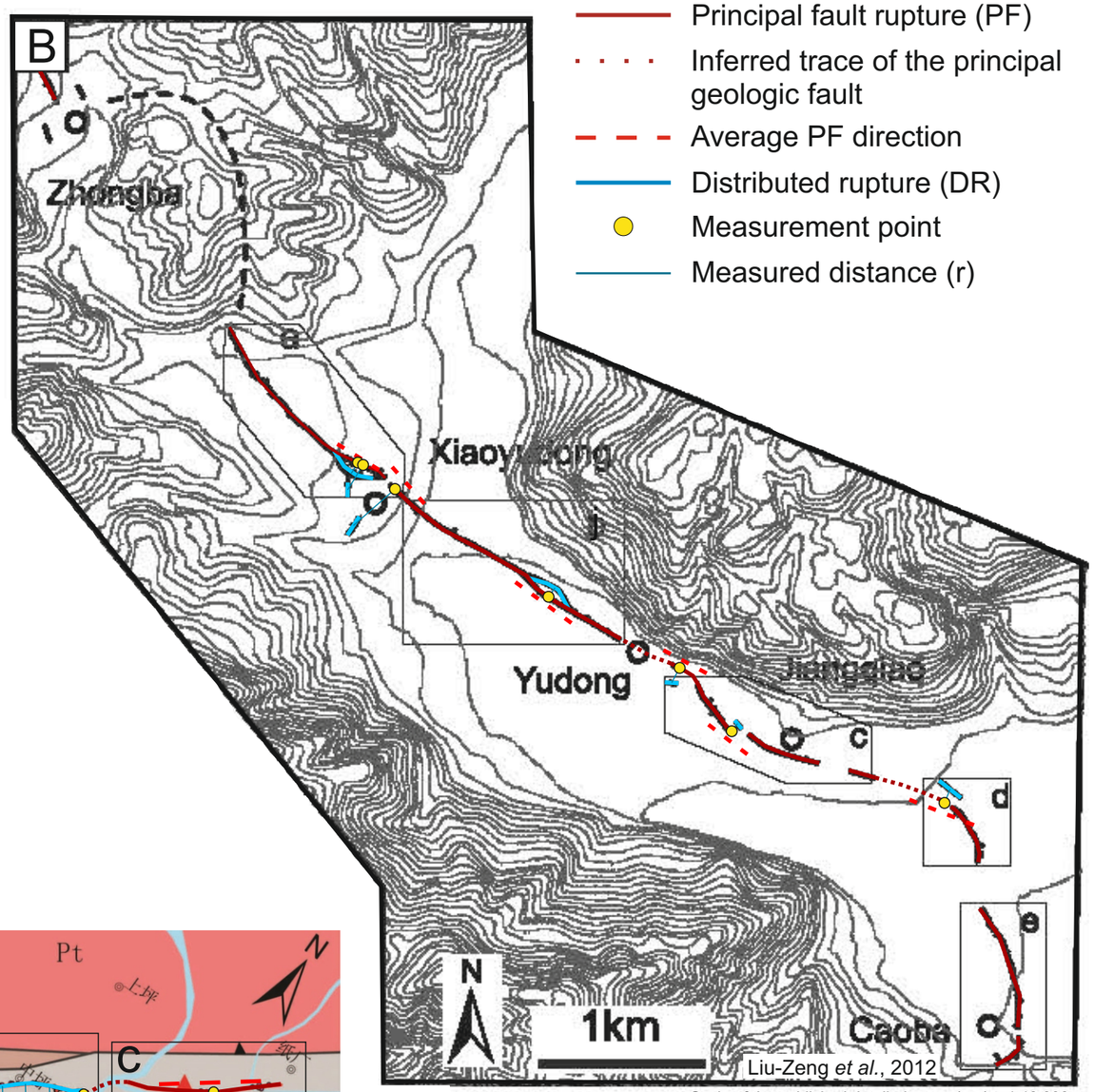
Note:
PF to distributed ruptures distances have been misured only in areas “A” and “B”. All the other data are from tables in Xu *et al.*, 2008, Yu *et al.*, 2009, Zhang *et al.*, 2010, Zhang *et al.*, 2012, Zhang *et al.*, 2013 and Zhou *et al.*, 2010.





Symbols

- Principal fault rupture (PF)
- Inferred trace of the principal geologic fault
- Average PF direction
- Distributed rupture (DR)
- Measurement point
- Measured distance (r)



Scale of the published detailed maps (a-e): ~1:13,300
Scale of the published main map (B): ~1:76,900

Figure S10