

Xie, J., M.H. Ritzwoller, W. Shen, Y. Yang, Y. Zheng, and L. Zhou, Crustal radial anisotropy across eastern Tibet and the western Yangtze craton, *J. Geophys. Res.*, submitted, 2013

**Properties:**

Location: E Tibet and South China, between 89.5°E and 110°E longitude, and 21°N and 45°N latitude

Grid: 0.5°x0.5°

Stations: PASSCAL and CEArray

Data: Rayleigh and Love wave phase speeds from ambient noise

Tomography:

Ambient noise: ray theory (Barmin et al. 2001), 8-65 s for Rayleigh & 8-44 s for Love waves

**Format of map file:** ETibet.zip

Maps are presented in a sub-directory in which every period for Rayleigh and Love waves is in a separate file. The wave type (Rayleigh, Love) and the period (in sec) is indicated in the title of the file. The format of each file is as follows:

There are five columns in each file, representing:

- (1) longitude (deg)
- (2) latitude (deg)
- (3) phase speed (km/s)
- (4) speed uncertainty (from eikonal tomography, km/s) – 999 means no information
- (5) resolution (km, in the paper only used values where resolution < 200 km) --- 4000 means no information.