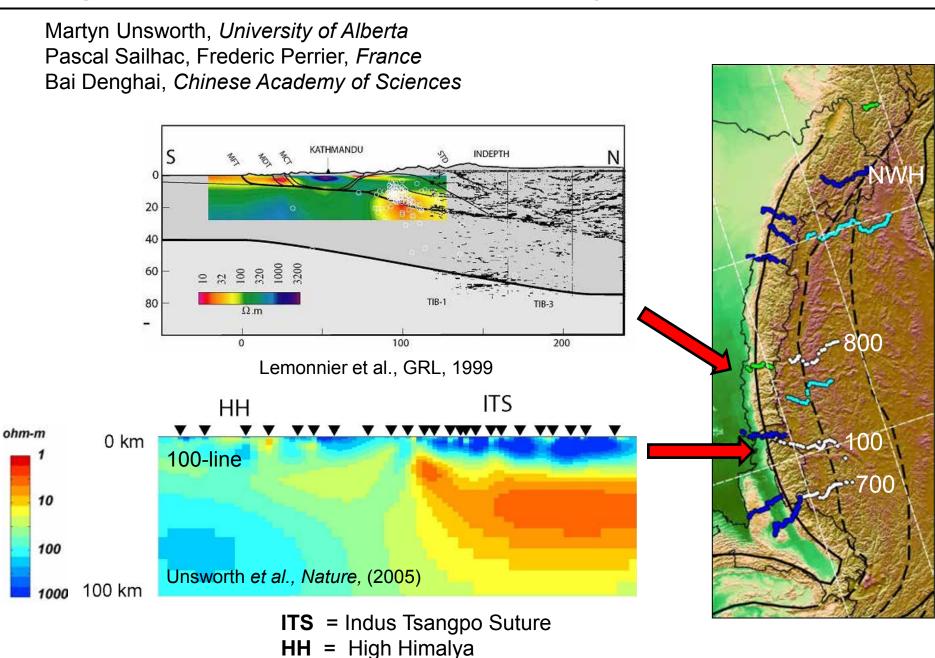
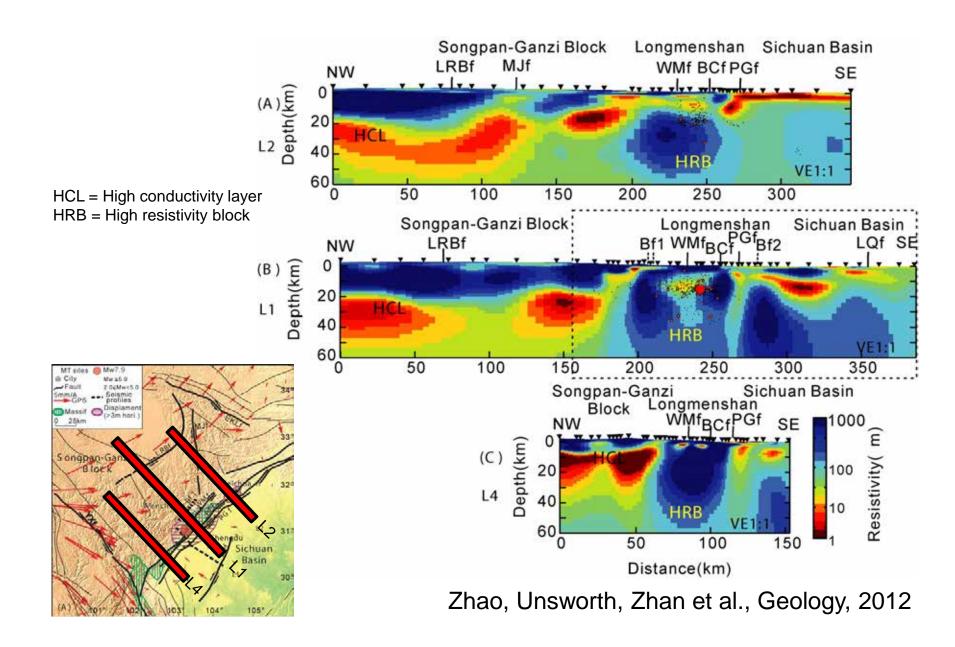
Magnetotelluric studies of the Nepal Himalaya



MT studies of Wenchuan earthquake hypocenter – example of 3D MT



Magnetotelluric studies of the Nepal Himalaya

Major MT study of Nepal

- 3-D MT study to map crustal resistivity
- Define relationship of low resistivity, seismicity and locked regions of MHT
- Use other data to distinguish between aqueous fluids and other causes of low resistivity
- Temporal variations in resistivity through the earthquake cycle

Research partners

- Martyn Unsworth, University of Alberta
- Pascal Sailhac, Frederic Perrier, France
- Bai Denghai, Chinese Academy of Sciences
- other partners

Current plans

- MT data collected on Chinese side of area by Bai Denghai in summer 2015
- Repeat of French Nepal profile in spring 2016 by Pascal Sailhac

