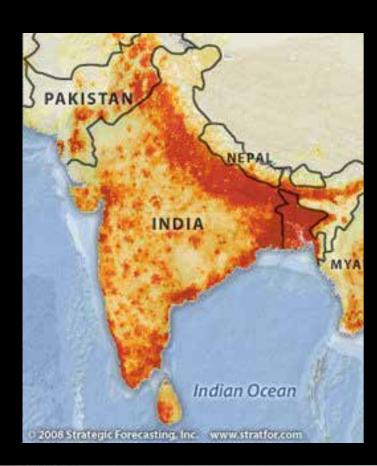


collisional zones host many of Earth's most extreme natural events, combined with increasing human populations presents an urgent need to understand how they work









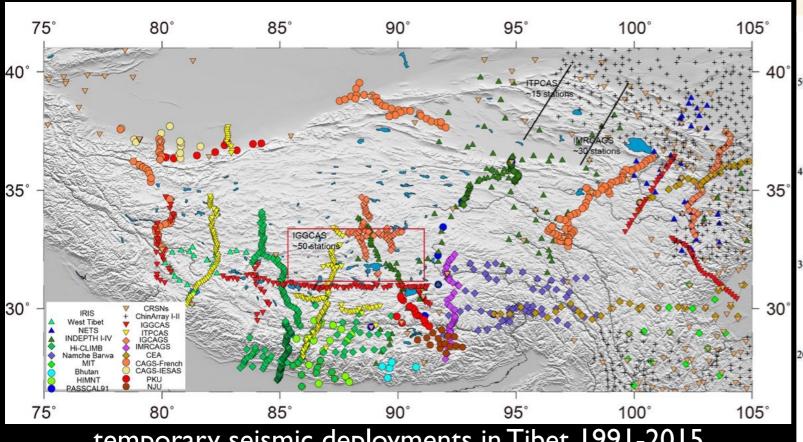
transformational & high impact science societal relevance - strong focus on hazards Himalayan countries as primary participants capacity building

new technologies new high quality data multidisciplinary components strong data integration and modeling

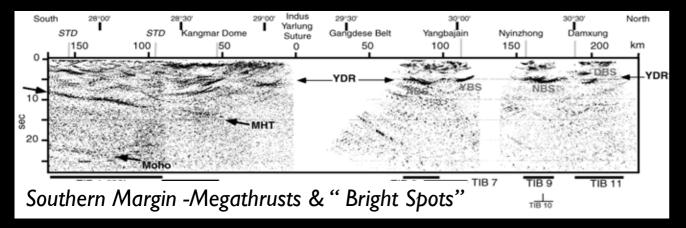
unique aspects of a Himalayan seismogenic zone initiative

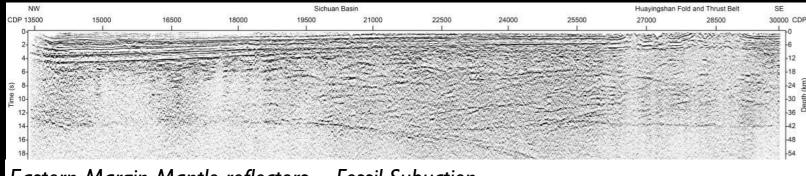
bold approach to geoscience research integration across a broad spectrum of geoscience disciplines open data for: research; hazard assessment, mitigation, and early warning; education and outreach community driven coordinated and collaborative international collaboration on an unprecedented scale partnerships between academics and multiple agencies substantial outreach component

geophysical and geologic studies

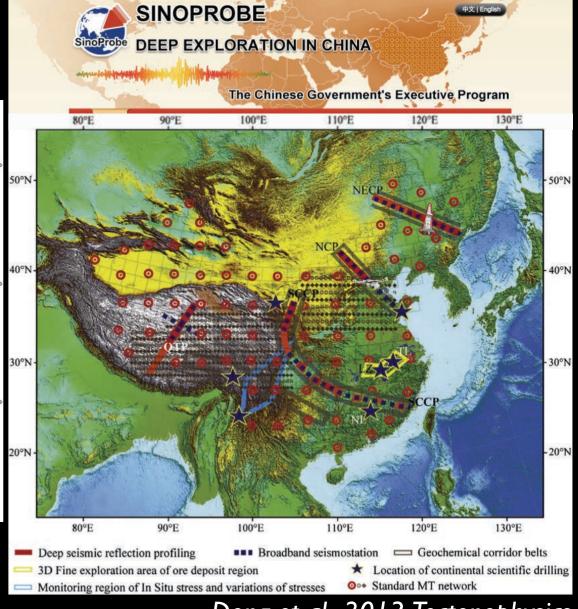


temporary seismic deployments in Tibet 1991-2015

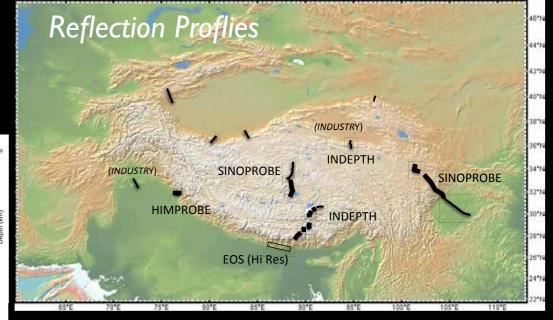




Eastern Margin Mantle reflectors ~ Fossil Subuction



Dong et al., 2013, Tectonophysics





getting started....
open data, data integration and modeling framework