

67 Prof. Zhiqin Xu



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Education

B.A. Peking University, Beijing, China, 1964

Ph.D. Tectonics, Université de Montpellier, Montpellier, France, 1987

Research Interests

The deformation structure of orogenic belt of the qinghai-tibet plateau and the peripheral orogeny and orogenic mechanisms

Major Publications

- Ma, X., Xu, Z. Q., Meert J G. Eocene slab breakoff of Neotethys as suggested by dioritic dykes in the Gangdese magmatic belt, southern Tibet. *Lithos*, 2016, 248:55-65.
- Xu, Z. Q., Wang, Q., Cai, Z., et al. Lithospheric bending of the Tengchong Terrane from late Eocene to early Miocene: New extrusion mechanism of SE Tibet during the Indo-Asian collision// EGU General Assembly Conference. EGU General Assembly Conference Abstracts, 2016.
- Meng, Y., Xu, Z. Q., Santosh M, et al. Late Triassic crustal growth in southern Tibet: Evidence from the Gangdese magmatic belt. *Gondwana Research*, 2015, 37:449-464.
- He, B., Jiao, C., Xu, Z. Q., et al. The paleotectonic and paleogeography reconstructions of the Tarim Basin and its adjacent areas (NW China) during the late Early and Middle Paleozoic. *Gondwana Research*, 2015, 30:18-18.
- Li, Y., Xu, Z. Q., Pei, X. Z., et al. The probability of the Mianlue suture zone, South Qinling extends to Dabie-Sulu UHP belt, East Qinling: Constraint from the activity time of Ningshan shear zone. *Acta Petrologica Sinica*, 2015, 31(12):3595-3608.
- Xu, Z., Wang, Q., Cai, Z., et al. Kinematics of the Tengchong Terrane in SE Tibet from the late Eocene to early Miocene: Insights from coeval mid-crustal detachments and strike-slip shear zones. *Tectonophysics*, 2015, 665:127-148.
- Xu, Z. Q., Dilek Y, Yang, J., et al. Crustal Structure of the Indus-Tsangpo Suture Zone and its Ophiolites, Southern Tibet. *Gondwana Research*, 2015, 89(s2):507-524.
- Wen, D. H., Xu, Z. Q., Yuan, L., et al. Characteristics of the Medog shear zone in the Eastern Himalayan Syntaxis and its tectonic significance. *Acta Petrologica Sinica*, 2014, 30(8):2229-2240.