

1-7 Prof. Lu Wang



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Education

B.A. Geology, China University of Geosciences, Wuhan, China, 1999

Ph.D. Geotectonics, China University of Geosciences, Wuhan, China, 2005

Work Experience

Lecturer, Ocean University of China, Qingdao, China, 2005.7-2012.5

Associate Professor, China University of Geosciences, Wuhan, China, 2012.9-present

Research Interests

Ultra-high pressure - high pressure metamorphic tectonics; Metamorphic petrology and microscopic structure and ultrahigh pressure eclogite partial melting

Major Publications

Wang SJ, Wang L, Brown M, Feng P. Multi-stage barite crystallization in partially melted UHP eclogite from the Sulu belt, China. *American Mineralogist*, Volume 101, pages 564–579, 2016

Polat A, Wang L, Appel P.W.A review of structural patterns and melting processes in the Archean craton of West Greenland: Evidence for crustal growth at convergent plate margins as opposed to non-uniformitarian model. *Tectonophysics.*, 2015, doi:10.1016/j.tecto.2015.04.006

Wang J.P., Kusky T.M.*, Wang L., Polat A., et al., 2015. A Neoproterozoic subduction polarity reversal event in the North China Craton, *Lithos*, 220-223: 133-146.

Wang L., Kusky T.M., Polat A., Wang S.J., Jiang X.F., Zong K.Q., Wang J.P., Deng H., Fu J.M. Partial melting of deeply subducted eclogite from the Sulu Orogen in China. *Nature Communications*. 5:5604 doi: 10.1038/ncomms6604 (2014).

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Zhang, L., Wang L., Kedong Yin, Ying Lü, Derong Zhang, Yongqiang Yang, Xiaoping Huang. Pore water nutrient characteristics and the fluxes across the sediment in the Pearl River estuary and adjacent waters, China, *Estuarine, Coastal and Shelf Science*, (2013), 133:182-192.

Wang L., Kusky T., M. Santosh. On the role of dual active margin collision for exhuming the world's largest ultrahigh pressure metamorphic belt, *Journal of Earth Science*, 2012, 23 (6): 802-812.

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- J.P. Wang, T.M. Kusky, A. Polat, L. Wang, H. Deng, S.J. Wang., A late Archean tectonic mélange in the Central Orogenic Belt, North China Craton. *Tectonophysics.*, 2013, 608: 929-946.
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