

CURRICULUM VITAE

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1. Personal Data

Place of Birth/Nationality: Luoyang City, Henan Province, China/Chinese

Date of Birth: February 11, 1978

Particular Address: Faculty of Earth Sciences
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2. Academic Position

2013~Current: Associate professor in Geology, China University of Geosciences.

Courses on *The Fundament of Geology* and *The Structural Geology*.

2011~2012: Lecturer in Geology, China University of Geosciences. Courses on

The Fundament of Geology and *The Structural Geology*.

2005~2010: Assistant professor in Geology, China University of Geosciences.

3. Educational Background

2006~2010: Pursuing the Doctor's degree of Sedimentology and obtaining it in the
China University of Geosciences

2002~2005: Pursuing the Master's degree of Structural Geology and obtaining it in the
China University of Geosciences

1997~2001: Pursuing and having obtained the Bachelor's degree of Petroleum Geology
in the China University of Geosciences

4. Research Interests

My research interests are concentrated on the evolution of the orogenic zone through time. My works range in scale from global reconstructions to microscopic examination of mineral grains. I prefer to the application of micro-analytical techniques to provenance studies, including LA-ICP-MS, and applied this methodology to trace provenance of a variety of tectonic settings and to unravel the history of basin and related orogen. Current studies are mainly focused on the early Paleozoic orogenic process of South China and the North Qilian Orogenic Belt in NW China.

5. Projects

Initial Tectonic Time and Basin Translation, the North Qilian Caledonian Orogenic Belt, NW China (funded by National Natural Science Foundation of China grant 41002030 to Yajun Xu. Duration: 2011-2013).

Magmatism and Sedimentary Response to the Multicycle Orogenesis in South China (funded by the Fundamental Research Funds for the Central Universities, China University of Geosciences (Wuhan) grant to Yajun Xu. Duration: 2013-2015).

Sedimentary Response to the Early Paleozoic Orogenesis, the Qin-Fang Tectonic Belt, South China (funded by the Fundamental Research Funds for the Central Universities, China University of Geosciences (Wuhan) grant to Yajun Xu. Duration: 2012-2014).

Sedimentology and Tectonic-Sedimentary Response in the Paleozoic-Mesozoic, the Qin-Fang Tectonic Belt, South China (funded by National Natural Science Foundation of China grant 41272120 to Yuansheng Du. Duration: 2013-2015).

6. Journal Papers

Xu Y J, Peter Cawood, Du Y S, et al., 2013. Linking south China to northern Australia and India on the margin of Gondwana: Constraints from detrital zircon U-Pb and Hf isotopes in Cambrian strata. *Tectonics*, 32, 1547–1558

Xu Y J, Du Y S, Peter Cawood, et al., 2012. Detrital zircon provenance of Upper Ordovician and Silurian strata in the northeastern Yangtze Block: Response to orogenesis in South China. *Sedimentary Geology*, 267-268, 63-72.

Xu Y J, Du Y S, Huang H W, et al., 2012. Detrital zircon of 4.1 Ga in South China. *Chinese Science Bulletin*, 57 (33) , 4356-4362.

Xu Y J, Du Y S, Peter Cawood, et al., 2010. Detrital zircon record of continental collision: Assembly of the Qilian Orogen, China. *Sedimentary Geology*, 230, 35-45.

Xu Y J, Du Y S, Peter Cawood, et al., 2010. Provenance record of a foreland basin: Detrital zircon U–Pb ages from Devonian strata in the North Qilian Orogenic Belt, China, *Tectonophysics*, 495, 337-347.

Xu Y J, Du Y S, Yang J H, Huang H. 2010. Sedimentary Geochemistry and Provenance of the Lower and Middle Devonian Laojunshan Formation, the North Qilian Orogenic Belt. *Science in China Series D: Earth Sciences*, 53(3): 356-367.