

52 Prof. Xiangdong Wang



Name: Xiangdong Wang

Organization: Nanjing Institute of Geology and Palaeontology

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Education

B.A. Paleobiology, Nanjing University, Nanjing, China, 1983

Ph.D. Paleobiology, Nanjing Institute of Geology and Palaeontology, 1992

Work Experience

Associate Researcher, University of Science and Technology of China, 1994

Researcher, University of Science and Technology of China, 2000-present

Research Interests

Carboniferous chronostratigraphy and GSSP;

Late Paleozoic climate change;

Late Paleozoic coral fossils and paleoecology of biology

Late Paleozoic paleontological diversity;

Paleontology and stratigraphy of Gondwana and the ancient Tethys

Services & Awards

Deputy editor of Journal of Stratigraphy

Committee Responsibilities and Professional Activities

Carboniferous stratigraphic branch, vice chairman of the international commission on stratigraphy (2008-present), the Permian stratigraphic branch of the election commission (2005-present), the international fossil stinging cells association (1999-present), executive director of the China ancient society (2004-present), chairman of the China society of paleoecology

Major Publications

Chen, B., Joachimski, M. M., Wang, X. D., Shen, S. Z., Qi, Y. P., & Qie, W. K. (2016). Ice volume and paleoclimate history of the late paleozoic ice age from conodont apatite oxygen isotopes from naqing (guizhou, china). *Palaeogeography Palaeoclimatology Palaeoecology*, 448, 151-161.

Chen, J., Montañez, I. P., Qi, Y., Wang, X., Wang, Q., & Lin, W. (2015). Coupled sedimentary and $\delta^{13}C$ records of late mississippian platform-to-slope successions from south china: insight into $\delta^{13}C$ chemostratigraphy. *Palaeogeography Palaeoclimatology Palaeoecology*, 448, 162-178.

Yao, L., Aretz, M., Li, Y., & Wang, X. (2016). Gigantoproductid brachiopod storm shell beds in the mississippian of south china: implications for their palaeoenvironmental and palaeogeographical significances. *Geologica Belgica*, 19(1-2).

- Yao, L., Wang, X., Lin, W., Li, Y., Kershaw, S., & Qie, W. (2015). Middle viséan (mississippian) coral biostrome in central guizhou, southwestern china and its palaeoclimatological implications. *Palaeogeography Palaeoclimatology Palaeoecology*, 448, 179-194.
- Qi, Y. P., Lambert, L. L., Nemyrovska, T. I., Wang, X. D., Hu, K. Y., & Wang, Q. L. (2015). Late bashkirian and early moscovian conodonts from the naqing section, luodian, guizhou, south china. *Palaeoworld*, 25(2), 170-187.
- Yao, L., Qie, W., Luo, G., Liu, J., Algeo, T. J., & Bai, X., et al. (2015). The tice event: perturbation of carbon–nitrogen cycles during the mid-tournaisian (early carboniferous) greenhouse–icehouse transition. *Chemical Geology*, 401, 1-14.
- Qi, Y., Barrick, J., Hogancamp, N., Wang, Q., Chen, J., & Ueno, K., et al. (2015). New perspectives on the candidate sections for the GSSP of the base of the global Gzhelian Stage in South China. XVIII International Congress on the Carboniferous and Permian.
- Chen, B., Joachimski, M. M., Shen, S. Z., Lambert, L. L., Lai, X. L., & Wang, X. D., et al. (2013). Permian ice volume and palaeoclimate history: oxygen isotope proxies revisited. *Gondwana Research*, 24(1), 77-89.
- Yuping, Q. I., Nemyrovska, T. I., Wang, X., Chen, J., Wang, Z., & Lane, H. R., et al. (2014). Late viséan – early serpukhovian conodont succession at the naqing (nashui) section in guizhou, south china. *Geological Magazine*, 151(2), 254-268.