

## **CURRICULUM VITAE**

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### **Xiaoqiao Wan**

Professor

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### **[EDUCATION]**

B.S. in Paleontology, Wuhan College of Geology, Wuhan, 1979.

M.S. in Paleontology, China University of Geosciences, Beijing, 1980.

Ph.D. in Micropaleontology, China University of Geosciences, Beijing, 1985.

### **[EMPLOYMENT HISTORY AND SERVICE]**

Post-doctoral Research Fellow, University College of Wales, U.K. (1987-1988)

Professor in Geology and Paleontology, China University of Geosciences, Beijing

Director, the Geological Survey Institute, China University of Geosciences, Beijing

### **[PROFESSIONAL SOCIETY ACTIVITY]**

Member, the Standing Committee of China Society of Paleontology

Vice Chairman, China Society of Micropaleontology

Member, the Standing Committee of China Society on Tibetan Plateau

Member, China Society of Geology

### **[RESEARCH AND FIELD WORK]**

Most research on Mesozoic and Cenozoic strata and paleontology, especially on marine Cretaceous in Tibet and lacustrine Cretaceous in the Songliao Basin of China. In this research field, he has established a marine biostratigraphic sequence from the Jurassic to Eocene; obtained evidence of the mid-Cretaceous oceanic anoxic event in southern Tibet. Recent work is dealing with the study of stratigraphy and sedimentology on both sides of the Yarlung Zangbo suture and focusing on the collision time between Indian and Eurasian Plates and basin evolution.

Research work is listed as follows:

1980 - 85.            Research of Mesozoic and Cenozoic strata and paleontology

1986 - 89            Research of Cretaceous black shales in southern Tibet

- 1987 - 89            Research of Mesozoic foraminifera from Tibet
- 1990 - 94            Research of Tertiary biostratigraphy and paleoceanography in the South China Sea
- 1992 - 95            Research of Cretaceous forearc basin in Tibet (collaborate with U.K.)
- 1995 - 96            Research of sedimentary rocks of the Xigaze flysch in Tibet
- 1993 - 95            Research of Cretaceous oceanic anoxic event in Tibet (collaborate with Spain)
- 1995 - 2003        Tectonostratigraphical approach to the exploration of mineral resources in South China and Tibet (collaborate with Italy and Canada)
- 1998 - 2003        Dating the continental collision between Indian and Asian plates
- 1998 -                Correlation of nonmarine Cretaceous stages of China
- 2005 -                Middle Cretaceous biotic and isotopic signatures in the Songliao Basin, NE China
- 2005 -                Terrestrial sedimentary response to the Cretaceous major geological events and climate change

Since 1980, investigation and geological field work in Tibet for 16 times

**[LIST OF PUBLICATIONS (since 2000)]**

- Wan, X., Li, G., Hallam, A. and Wignall, P., 2000, Cretaceous and Tertiary boundary in the Tingri region of southern Tibet. *Earth Science Frontiers* v. 7, suppl: p. 14-17.
- Wan, X., 2000, Biostratigraphy and sedimentary development of the Jurassic of southern Tibet. *Proceedings of the 5<sup>th</sup> International Symposium on the Jurassic System*, Trans Tech Publications Ltd., Switzerland.
- Zhao, W. and Wan, X., 2001, Recovery of foraminifera from the Late Cretaceous Cenomanian-Turonian mass extinction in Gamba, southern Tibet. *Acta Palaeontologica Sinica* v. 40, p. 189-194.
- Wan, X., Din, L., Li, J. and Cai, H., 2001, Latest Cretaceous to Early Eocene marine strata in the Zhongba region, Tibet. *Journal of Stratigraphy* v. 25, p. 21-26.
- Wan, X., Liang, D. and Li, G., 2002, Palaeocene strata in Gamba, Tibet and influence of tectonism. *Acta Geologica Sinica* v. 76, p. 154-162.
- Wan, X. and Ding, L., 2002, Discovery of the latest Cretaceous planktonic foraminifera from Gyirong of southern Tibet and its chronostratigraphic significance. *Acta Palaeontologica Sinica* v. 41, p. 89-95.
- Zhao, W. and Wan, X., 2002, Mid-Cretaceous anomaly and their responses to sea-level changes in Tingri of Tibet. *Advance in Earth Sciences* v. 17, p. 331-338.
- Zhao, W. and Wan, X., 2003, The bio-paleoceanographic events during the late stage of the Tibet-Tethyan Sea evolution. *Beijing Geological Publishing House*, p. 1-166.

- Wan, X., Wu, Y. and Li, G., 2003, Distribution of mid-Cretaceous orbitolinids in Xizang (Tibet) and its paleobiogeographic implications. *Acta Geologica Sinica* v. 77, p. 1-8.
- Wan, X., Liu, W. and Li, G., 2003, Cretaceous black shale and dissolved oxygen content – A case study in southern Tibet. *Geology in China* v. 30, p. 36-47.
- Wan, X., Wei, M. and Li, G., 2003,  $^{13}\text{C}$  values from the Cenomanian-Turonian passage beds of southern Tibet. *Journal of Asian Earth Sciences* v. 31, p. 861-866.
- Wan, X., Wignall, P. B. and Zhao, W., 2003, The Cenomanian-Turonian extinction and oceanic anoxic event: evidence from South Tibet. *Palaeogeography Palaeoclimatology Palaeoecology* v. 199, p. 283-298.
- Wan, X. and Si, J., 2004, Variation of foraminiferal composition in Cretaceous oceanic anoxic to oxic circumstances, southern Tibet, China. *Journal of China University of Geosciences* v. 15, p. 46-54.
- Ding, L., Kapp, P. and Wan, X., 2005, Paleocene-Eocene record of ophiolite obduction and initial India-Asia collision, south central Tibet. *Tectonics* v. 24.
- Li, G., Wan, X., Liu, W., Liang, D. and Yun, H., 2005, The discovery of Paleogene marine stratum along the southern side of Yarlung-Zangbo suture zone and its implications in tectonics. *Science in China, Series D* v. 48, p. 647-661.
- Wan, X., Lamolda, M. A., Si, J. and Li, G., 2005, Foraminiferal stratigraphy of Late Cretaceous red beds in southern Tibet. *Cretaceous Research* v. 26, p. 43-48.
- Wan, X. and Sarti, M. (Eds.), 2005, Cretaceous Oceanic Red Beds and Land-Ocean Interaction. *Cretaceous Research* v. 26 (1).