

Curriculum Vitae

Xiwei XU



1. Personal data

Date and place of Birth: 17 November 1962

Nationality: China

Marriage and family: Married, 2 daughters

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2. Current Position

Research Professor in Active Tectonics

Deputy Director, Institute of Geology, China Earthquake Administration

3. Education

B.S., Chengdu College of Geology in China, July 1983.

M.S., Institute of Geology, State Seismological Bureau, China, December 1986.

Ph. D., Institute of Geology, State Seismological Bureau, China, December 1989.

4. Academic Experience

- Post-doctoral position with Professor YONEKURA N. at Department of Geography, University of Tokyo (11/1993 ~ 12/1994)
- Visiting scholar at Lab. of Tectonics, Institut de Physique du Globe (UMR7154) of Paris (8/1999 ~ 12/ 1999; 1/2003 ~ 4/2003)

5. Publications (*Corresponding Author)

- 1) Mingxing Gao, Gerold Zeilinger, **Xiwei Xu***, Qingliang Wang, Ming Hao, 2013. DEM and GIS analysis of geomorphic indices for evaluating recent 1 uplift of the northeastern margin of the Tibetan Plateau, China. *Geomorphology*, <http://dx.doi.org/10.1016/j.geomorph.2013.02.008>

- 2) J Ren, **Xiwei Xu**, RS Yeats, S Zhang, 2013. Latest Quaternary paleoseismology and slip rates of the Longriba fault zone, eastern Tibet: implications for fault behavior and strain partitioning. *Tectonics*, doi:10.1002/tect.20029
- 3) Junjie Ren, **Xiwei Xu**, Robert S. Yeats, Shimin Zhang, Rui Ding, Zheng Gong, 2013. Holocene paleoearthquakes of the Maoergai fault, eastern Tibet. *Tectonophysics*, <http://dx.doi.org/10.1016/j.tecto.2013.01.017>
- 4) **Xiwei Xu***, Xibin Tan, Guihua Yu, Guodong Wu, Wei Fang, Jianbo Chen, Heping Song, Jun Shen, 2013. Normal- and oblique-slip of the 2008 Yutian Earthquake: evidence for eastward block motion, northern Tibetan Plateau. *Tectonophysics*, 584: 152-165, <http://dx.doi.org/10.1016/j.tecto.2012.08.007>.
- 5) Yong-Kang Ran, Wen-Shan Chen, **Xi-Wei Xu**, Li-Chun Chen, Hu Wang, Chih-Cheng Yang, Shao-Peng Dong, 2013. Paleoseismic events and recurrence interval along the Beichuan–Yingxiu fault of Longmenshan fault zone, Yingxiu, Sichuan, China, *Tectonophysics*, 584: 81-90. doi.org/10.1016/j.tecto.2012.07.013
- 6) Chong Xu, **Xiwei Xu***, Yuan Hsi Lee, Xibin Tan, Guihua Yu, Fuchu Dai, 2012. The 2010 Yushu earthquake triggered landslide hazard mapping using GIS and weight of evidence modeling. *Environmental Earth Sciences*, 66(6): 1603-1616. doi: 0.1007/s12665-012-1624-0
- 7) A.-S. Mériaux, J. Van der Woerd, P. Tapponnier, F. J. Ryerson, R. C. Finkel, C. Lasserre, and **X. Xu**, 2012. The Pingding segment of the Altyn Tagh Fault (91°E): Holocene slip-rate determination from cosmogenic radionuclide dating of offset fluvial terraces. *J. Geophys. Res.*, 117, B9, doi:10.1029/2012JB009289.
- 8) R. Jolivet, C. Lasserre, M.-P. Doin, S. Guillaso, G. Peltzer, R. Dailu, J. Sun, Z.-K. Shen, and **X. Xu**. 2012. Shallow creep on the Haiyuan Fault (Gansu, China) revealed by SAR Interferometry. *J. Geophys. Res.*, 117, B6, doi:10.1029/2011JB008732
- 9) Xibin Tan, Renmao Yuan, **Xiwei Xu**, Guihua Chen, Yann Klinger, Chungpai Chang, Junjie Ren, Chong Xu, Kang li, 2012. Complex surface ruptureing and related formation mechanisms in the Xiaoyudong area for the 2008 Mw 7.9 Wenchuan Earthquake, China. *Journal of Asian Earth Science*, 58:132-142
- 10) Bor-Shouh Huang, Jiu-Hui Chen, Qi-Yuan Liu, Yue-Gau Chen, **Xi-Wei Xu**, Chun-Yong Wang, Shiann-Jong Lee, Zhen-Xing Yao, 2012. Estimation of rupture processes of the 2008 Wenchuan Earthquake from joint analyses of two regional seismic arrays, *Tectonophysics*, 578: 87-97, doi:10.1016/j.tecto.2011.12.026
- 11) Chung-Pai Chang, Gui-Hua Chen, **Xi-Wei Xu**, Ren-Mao Yuan, Yu-Ting Kuo, Wen-Shan Chen, 2012. Influence of the pre-existing Xiaoyudong salient in surface rupture distribution of the Mw 7.9 Wenchuan earthquake, China, *Tectonophysics*, Volumes 530–531, 240-250. doi.org/10.1016/j.tecto.2011.12.038
- 12) Xu C., **Xu X W***, 2012. The 2010 Yushu earthquake triggered landslides spatial

- prediction models based on several kernel function types. *Chinese J. Geophys.*, 55(9): 2994-3005,doi: 10.6038/j.issn.0001-5733.2012.09.018 (In Chinese)
- 13) Ren J J, **Xu X W***, Sun X Z, et al., 2012. Geological and geophysical evidences of late Quaternary activity of the range-front fault along the mid-segment of the Longmen Shan thrust belt. *Chinese J. Geophys.*, 55 (6) : 1929-1941 , doi:10.6038/j.issn.0001-5733.2012.06.014
 - 14) Cheng J, **Xu X W***, Gan W J, et al., 2012. Block model and dynamic implication from the earthquake activities and crustal motion in the southeastern margin of Tibetan Plateau. *Chinese J. Geophys.* (in Chinese), 2012, 55(4): 1198-1212, doi: 10.6038/j.issn.0001-5733.2012.04.016
 - 15) Yao Q, Xing H L, **Xu X W***, et al., 2012. Influence of lithologic differences on either walls of the fault on the Wenchuan earthquake. *Chinese J. Geophys.* (in Chinese), 55(11): 3634-3647, doi: 10.6038/j.issn.0001-5733.2012.11.012
 - 16) Yao Q, **Xu X W***, Xing H L, et al., 2012. Deformation mechanism of the eastern Tibetan plateau: Insights from numerical models. *Chinese J. Geophys.* (in Chinese), 55(3): 863-874, doi: 10.6038/j.issn.0001-5733.2012.03.016
 - 17) Xu Chong, **Xu X W***, Dai F C, Xiao J Z, Tan X B, Yuan R M, 2012. Landslide hazard mapping using GIS and weight of evidence model in Qingshui river watershed of 2008 Wenchuan earthquake struck region. *Journal of Earth Science*, 23(1): 97~120. doi: 10.1007/s12583-012-0236-7
 - 18) Xu Chong, **Xiwei Xu***, Fuchu Dai, A. K. Saraf, 2012. Comparison of different models for susceptibility mapping of earthquake triggered landslides related with the 2008 Wenchuan earthquake in China. *Computers & Geosciences*, Online. doi:10.1016/j.cageo.2012.01.002
 - 19) Xu Chong, Dai Fuchu, **Xu Xiwei***, Lee Yuanhsi, 2012. GIS-based support vector machine modeling of earthquake-triggered landslide susceptibility in the Jianjiang River watershed, China. *Geomorphology*, 145-156(1), p.70-80
 - 20) Sun X Z, **Xu X W***, Chen L C, et al., 2012. Surface rupture features of the 2010 Yushu earthquake and its tectonic implication. *Chinese J. Geophys.* (in Chinese), 55(1): 155-170, doi: 10.6038/j.issn.0001-5733.2012.01.015
 - 21) Sun J., K. M. Johnson, Z. Cao, Z. Shen, R. Bürgmann, and **Xiwei Xu**, 2011. Mechanical constraints on inversion of coseismic geodetic data for fault slip and geometry: Example from InSAR observation of the 6 October 2008 Mw 6.3 Dangxiong - Yangyi (Tibet) earthquake. *J. Geophys. Res.*, 116, B01406. doi:10.1029/2010JB007849.
 - 22) Bai Y Z, **Xu Xi-Wei**, Xu Jie, Zhou Ben-Gang, 2011. A research on the distribution of deformation fields near the fault of 2008 Wenchuan Earthquake. *Chinese J. Geophys.* (in Chinese), 54(7): 1798-1804, doi: 10.3969/j.issn.0001-5733.2011.07.013
 - 23) Li C X, **Xu X W***, Wen X Z, et al., 2011. Rupture segmentation and slip partitioning of

- the mid-eastern part of the Kunlun Fault, north Tibetan Plateau. *Sci China Earth Sci*, 54(1), 1-16. doi: 10.1007/s11430-011-4239-5
- 24) Diao G L, **Xu X W***, Chen Y G, et al., 2011. The precursory significance of tectonic stress field transformation before the Wenchuan Mw7.9 Earthquake and the Chi-Chi Mw7.6 Earthquake. *Chinese J. Geophys.* (in Chinese), 54(1): 128-136,doi: 10.3969/j.issn.0001-5733.2011.01.014
 - 25) **Xu X. W.***, Chen G. H., Yu G. H., Sun X. Z., Tan X. B., Chen L. C., Sun J. B., Chen Y. G., Chen W. S., Zhang S.P., Li K., 2010. Reevaluation of surface rupture parameters of the 5-12 Wenchuan Earthquake and its tectonic implication for the Tibetan uplift. *Chinese J. Geophys.*, 53(10):2321-2336, doi:10.3969/j.issn.0001-5733.2010.10.006 (in chinese)
 - 26) Yu, G., **Xiwei Xu***, Y. Klinger, G. Diao, G. Chen, X. Feng, C. Li, A. Zhu, R. Yuan, T. Guo, X. Sun, X. Tan, and Yanfeng An, 2010. Fault-scarp features and cascading-rupture model for the M_w 7.9 Wenchuan earthquake, eastern Tibetan plateau, China, *Bull. Seismol. Soc. Am.* **100**, no.5B, 2590-2614.
 - 27) Yuan, R.-M., **Xiwei Xu***, G.-H. Chen, X.-B. Tan, Y. Klinger, and H.-L. Xing, 2010. Ejection landslide at the northern terminus of Beichuan rupture triggered by the 2008 M_w 7.9 Wenchuan earthquake, *Bull. Seismol. Soc. Am.* **100**, no.5B, 2689-2699.
 - 28) Ren, J., G. Chen, **Xiwei Xu***, S. Zhang, and C. Mao, 2010. Surface rupture of the 2008 Wenchuan earthquake, Sichuan, China, in the Qingping step-over determined from geomorphological surveying and excavation and its tectonic implications, *Bull. Seismol. Soc. Am.* **100**, no.5B, 2651-2659.
 - 29) Zhou, Q., **Xiwei Xu***, G. Yu, X. Chen, H. He, and G. Yin, 2010. Width distribution of the surface ruptures associated with the Wenchuan earthquake: Implication for the setback zone of the seismogenic faults in post-quake reconstruction, *Bull. Seismol. Soc. Am.* **100**, no. 5B, 2660-2668.
 - 30) Tan X B, **Xiwei Xu***, Lee Y X, et al., 2010. Apatite fission track evidence for rapid uplift of the Gongga Mountain and discussion of its mechanism. *Chinese J. Geophys.* (in Chinese), 53(8): 1859-1867, doi: 10.3969/j.issn.0001-5733.2010.08.011
 - 31) **Xu Xiwei***, R. S. Yeats and G. Yu. 2010. Five Short Historical Earthquake Surface Ruptures near the Silk Road, Gansu Province, China. *Bulletin of the Seismological Society of America*, Vol. 100, No. 2, pp. 541–561, doi: 10.1785/0120080282
 - 32) De Michele, M., Raucoules, D., Lasserre, C., Pathier, E., Klinger, Y., Van Der Woerd, J., De Sigoyer, J., **Xu Xiwei**, 2010. The Mw 7.9, 12 May 2008 Sichuan earthquake rupture measured by sub-pixel correlation of ALOS PALSAR amplitude images, *Earth Planets Space*, 62 (11): 875-879, doi:10.5047/eps.2009.05.002.
 - 33) Qin S Q, **Xu X W**, Hu P, et al., 2010. Brittle failure mechanism of multiple locked patches in a seismogenic fault system and exploration on a new way for earthquake prediction. *Chinese J. Geophys.* (in Chinese), 53(4): 1001-1014,doi:

10.3969/j.issn.0001-5733.2010.04.025

- 34) Qin S Q, Xue L, **Xu X W**, et al., 2010. A prediction of strong earthquakes in the Sichuan and Yunnan regions and analysis of the seismogenic process of the Wenchuan Mw7.9 earthquake. *Chinese J. Geophys.* (in Chinese), 53(11): 2639-2650,doi: 10.3969/j.issn.0001-5733.2010.11.012
- 35) Ran YK, Chen LC, Chen J, Wang H, Chen GH, Yin JH, Shi XA, Li CX, **Xu X W**, 2010, Paleoseismic evidence and repeat time of large earthquakes at three sites along the Longmenshan fault zone, *Tectonophysics*, 491 (Sp. Iss. SI): 141-153
- 36) Jinhui Yin, Jie Chen, **Xiwei Xu**, Xulong Wang, Yonggang Zheng, 2010. The characteristics of the landslides triggered by the Wenchuan Ms 8.0 earthquake from Anxian to Beichuan. *Journal of Asian Earth Sciences*, Volume 37, Issues 5–6, 452-459.
- 37) **Xu Xiwei***, Wen X, Yu G, Guihua Chen, Yann Klinger, Judith Hubbard, John Shaw, 2009. Co-seismic reverse- and oblique-slip surface faulting generated by the 2008 Mw 7.9 Wenchuan earthquake, China. *Geology*, 37 (6): 515—518. doi: 10.1130/G25462A.1.
- 38) **Xu Xiwei***, Yu G., Chen G., Ran Y., Li Ch., Chen Y. and Chang Ch., 2009. Parameters of coseismic reverse- and oblique-slip surface ruptures of the 2008 Wenchuan earthquake, eastern Tibetan Plateau, *Acta Geologica Sinica - English Edition*, 83 (4): 673-684.
- 39) Chen G H, **Xu X W***, Yu G H, et al., 2009. Co-seismic slip and slip partitioning of multi-faults during the Ms8.0 2008 Wenchuan earthquake. *Chinese J. Geophys.* (in Chinese), 52(5): 1384-1394,doi: 10.3969/j.issn.0001-5733.2009.05.028
- 40) Yu G H, **Xu X W***, Chen G H, et al., 2009. Relationship between the localization of earthquake surface ruptures and building damages associated with the Wenchuan 8.0 earthquake. *Chinese J. Geophys.* (in Chinese), 52(12): 3027-3041,doi: 10.3969/j.issn.0001-5733.2009.12.012
- 41) Zhang H, Zhou Y Z, Wu Z L, Yan Z Z, Chen S, Jing H M, **Xu X W**, Shi Y L, 2009. Finite element analysis of seismic wave propagation characteristics in Fuzhou basin. *Chinese J. Geophys.* (in Chinese), 52(5): 1270-1279,doi: 10.3969/j.issn.0001-5733.2009.05.016
- 42) Li Haiou, **Xiwei Xu**, Mei Jiang, 2008. Deep dynamical processes in the central-southern Qinghai-Tibet Plateau—Receiver functions and travel-time residuals analysis of north Hi-Climb. *Science in China Ser. D Earth Science*. 51(9):1297-1305
- 43) **Xu, Xiwei***, Wen, X.Z., Chen, G.H., and Yu, G.H., 2008, Discovery of the Longriba fault zone of the eastern Bayan Har Block, China and its tectonic implication: *Science in China series D: Earth Science*, v. 51, no. 9, p. 1209–1223.
- 44) **Xu Xiwei***, Yu Guihua, Ma Wentao, et al. 2008. Rupture behavior and deformation localization of the Kunlunshan earthquake (MW7.8) and their tectonic implications, *Science in China Series D: Earth Sciences*, 51 (10) , 1361-1374
- 45) Sun, J., Shen, Z., **Xu X.**, Bürgmann, R., 2008. Synthetic normal faulting of the 9 January

- 2008 Nima (Tibet) earthquake from conventional and along-track SAR interferometry, *Geophys. Res. Lett.*, 35, L22308, doi:10.1029/2008GL035691.
- 46) Cavalié, O., Lasserre, C., Doin, M.-P., Peltzer, G., Sun, J., **Xu Xiwei**, Shen, Z.-K., 2008. Measurement of interseismic strain across the Haiyuan fault (Gansu, China), by InSAR. *Earth and Planetary Science Letters*, 275, issue 3-4, pp. 246 - 257
- 47) Xue-ze Wen, Sheng-li Ma, **Xi-wei Xu**, Yong-nian He, 2008. Historical pattern and behavior of earthquake ruptures along the eastern boundary of the Sichuan-Yunnan faulted-block, southwestern China. *Physics of the Earth and Planetary Interiors*, 68(102): 16-36
- 48) Zhang P Z, **Xu X W**, Wen X Z, Ran Y K, 2008. Slip rates and recurrence intervals of the Longmen Shan active fault zone, and tectonic implications for the mechanism of the May 12 Wenchuan earthquake, 2008, Sichuan, China. *Chinese J. Geophys.* (in Chinese), 2008, 51(4): 1066-1073
- 49) Sun J B, Shi Y L, Shen Z K, **Xu X W**, Liang F, 2007. Parameter inversion of the 1997 Mani earthquake from INSAR co-seismic deformation field based on linear elastic dislocation model—II Slip distribution inversion. *Chinese J. Geophys.* (in Chinese), 50(5): 1390-1397
- 50) Sun J B, **Xu X W**, Shen Z K, Shi Y L, Liang F, 2007. Parameter inversion of the 1997 Mani earthquake from INSAR co-seismic deformation field based on linear elastic dislocation model- I Uniform slip inversion. *Chinese J. Geophys.* (in Chinese), 50(4): 1097-1110
- 51) XiaoPing Yang, YongKang Ran, JianWu Cheng, LiChun Chen, **XiWei Xu**, 2007. Measurement of terrace deformation and crustal shortening of some renascent fold zones within Kalpin nappe structure. *Science in China Series D: Earth Sciences*, 50(1): 33-42.
- 52) Xueze Wen, Guixi Yi, **Xiwei Xu**, 2007. Background and precursory seismicities along and surrounding the Kunlun fault before the Ms8.1, 2001, Kokoxili earthquake, China. *Journal of Asian Earth Sciences*, Volume 30, Issue 1, 63-72.
- 53) Ryerson, F.J., Tapponnier, P., Finkel, R.C., Mériaux, A.-S., Van der Woerd, J., Lasserre, C., Chevalier, M.-L., **Xu xiwei**, Li, H., and King, G.C.P., 2006. Applications of morphochronology to the active tectonics of Tibet, in Siame, L.L., Bourlès, D.L., and Brown, E.T., eds., Application of cosmogenic nuclides to the study of Earth surface processes: The practice and the potential: *Geological Society of America Special Paper* 415, p. 61–86, doi: 10.1130/2006.2415(05).
- 54) Zhang P. Z., P. Molnar, **Xiwei Xu**, 2007. Late Quaternary and present-day rates of slip along the Altyn Tagh Fault, northern margin of the Tibetan Plateau, *Tectonics*, 26, TC5010, doi:10.1029/2006TC002014
- 55) Jing Liu-Zeng, Yann Klinger, **Xiwei Xu** et al., 2007. Millennial Recurrence of Large Earthquakes on the Haiyuan Fault near Songshan, Gansu Province, China. *Bulletin of*

- the Seismological Society of America*, Vol. 97, No. 1B, pp. 14–34, doi: 10.1785/0120050118
- 56) **XU Xiwei***, YU Guihua, Y. Klinger, Paul Tapponnier & Jerome Van Der Woerd, 2006. Re-evaluation of surface rupture parameters and faulting segmentation of the 2001 Kunlunshan earthquake (Mw7.8), Northern Tibetan Plateau, China. *Journal of Geophysical Research*, vol.111, B05316,doi:10.1029/2004JB003488.
- 57) **XU Xiwei***, P. Tapponnier, J. Van Der Woerd, et al., 2005. Late Quaternary sinistral slip rate along the Altyn Tagh fault and its structural transformation model, *SCIENCE IN CHINA Series D: Earth Sciences*, 48(3): 384-397.
- 58) **XU Xiwei***, WEN Xueze, YU Guihua, et al., 2005. Average slip rate, Earthquake rupturing segmentation and recurrence behaviour on the Litang fault zone, western Sichuan Province, *China. Science in China Ser. D Earth Science*, 48 (8): 1183-1196.
- 59) Yann Klinger, **Xu Xiwei**, Paul Tapponnier, et al., 2005. High-resolution satellite imagery mapping of the surface rupture and slip distribution of the Mw~7.8 November 2001 Kokoxili earthquake, Kunlun fault, Northern Tibet, China. *Bull. Seism. Soci. Amer.* 95(5): 1970-1987.
- 60) Zhu Jinfang, **Xu Xiwei**, Zhang Xiankang, et al., 2005. Joint exploration of crustal structure in Fuzhou basin and its vicinities by deep seismic reflection and high-resolution refraction as well as wide-angle reflection/refraction. *Science in China Ser. D Earth Science*, 48 (7): 925-938
- 61) Mériaux, A-S; Tapponnier, P; Ryerson, FJ; **Xu, XW**; et al.,2005. The Aksay segment of the northern Altyn Tagh fault: Tectonic geomorphology, landscape evolution, and Holocene slip rate, *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*, 110 (B4): Art. No. B04404, doi:10.1029/2004JB003210.
- 62) ZHU Ai-Lan, **XU Xi-Wei***, ZHOU Yong-Sheng, YIN Jing-Yuan, GAN Wei-Jun, CHEN Gui-Hua. Relocation of small earthquakes in western Sichuan, China and its implications for active tectonics, *CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION*, 2005, 48 (3): 629-636.
- 63) Zhu Ailan, **Xu Xiwei***, Hu P, Zhou YS, Chen, GH; Gan, WJ, 2005. Variation of b value with hypocentral depth in Beijing area: Implications for earthquake nucleation. *CHINESE SCIENCE BULLETIN*, 50 (7): 691-695.
- 64) Van der Woerd, J; Owen, LA; Tapponnier, P; **Xu XW**; et al.,2004. Giant, similar to M8 earthquake-triggered ice avalanches in the eastern Kunlun Shan, northern Tibet: Characteristics, nature and dynamics. *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*, 116 (3-4): 394-406 MAR-APR 2004.
- 65) Mériaux, A-S; Ryerson, FJ; Tapponnier, P; Van der Woerd, J; Finkel, RC; **Xu, XW**; Xu, ZQ; Caffee, MW , 2004. Rapid slip along the central Altyn Tagh Fault: Morphochronologic evidence from Cherchen He and Sulamu Tagh, *JOURNAL OF*

GEOPHYSICAL RESEARCH-SOLID EARTH, 109 (B6): Art. No. B06401
doi:10.1029/2003JB002558.

- 66) **XU Xiwei***, WEN Xueze, ZHENG Rongzhang, et al., 2003. Pattern of latest tectonic motion and its dynamics for active blocks in Sichuan-Yunnan region, China. ***SCIENCE IN CHINA (Series D)***, Vol. 46, Supp. 210-226.
- 67) Wen Xueze, **XU Xiwei**, ZHENG Rongzhang, et al., 2003. Average slip-rate and recent large earthquake ruptures along the Garzê-Yushu fault, ***SCIENCE IN CHINA (Series D)***, Vol. 46, Supp. 276-288
- 68) **Xiwei XU***, Wenbin Chen, Wentao Ma, et al, 2002. Surface Rupture of the Kunlun Earthquake (Ms8.1), Northern Tibetan Plateau, China. ***Seismological Research Letters***, 73(6): 884-892.
- 69) Van der Woerd, **Xu Xiwei**, Li Haibin, et al. 2001. Rapid active thrusting along the northwestern range front of the Tanghe Nanshan (western Gansu, China). ***Journal of Geophysical Research***, 106 (B12): 30475-30504, doi:10.1029/2001JB000583
- 70) Guo, SM; Xiang, HF; Zhou, RQ; **Xu Xiwei**; Dong, XQ; Zhang, WX, 2000. Longling-Lancang fault zone in southwest Yunnan, China - A newly-generated rupture zone in continental crust. ***CHINESE SCIENCE BULLETIN***, 45 (4): 376-379
- 71) **Xu Xiwei***, Deng Qidong, 1996. Nonlinear characteristics of paleoseismicity in China, ***Journal of Geophysical Research***, 101(B3):6209-6231
- 72) Deng, QD; Zhang, PZ; **Xu, XW**; Yang, XP; Peng, SZ; Feng, XY, 1996. Paleoseismology of the northern piedmont of Tianshan Mountains, northwestern China, ***JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH***, 101 (B3): 5895-5920, doi:10.1029/95JB02739
- 73) Lin, AM; Zhao, GC; Zhao, GZ; **Xu, XW**, 1999. Inferred seismic fault associated with the 1998 M = 6.2 Zhangbei-Shanyi earthquake, Hebei Province, China, ***BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA***, 89 (2): 550-554
- 74) **Xu Xiwei***, et al. 1995. Restraining step behaviour along the Nobi fault system, Central Japan. ***Journal of Structural Geology***, 17(11): 1579-1585
- 75) **Xu Xiwei*** Cheng Guoliang Ma Xingyuan Sun Yuhang Han Zhujun, 1994. Rotation Model and Dynamics of Blocks in North China and Its Adjacent Areas. ***Earth Science - Journal of China University of Geoscience***, 19(2): 129~138
- 76) **Xu Xiwei***, Ma Xingyuan & Deng Qidong, 1993. Neotectonic activity along the Shanxi rift system, China. ***Tectonophysics***, 219:305-325.
- 77) **Xiwei XU***, X. Y. MA, Q. D. DENG, 1992. Neotectonics of the Shanxi rift system, China. ***Annales Tectonicae, Special Issue***, supplement to volume VI, 40-53.
- 78) **Xu Xiwei***, Ma Xingyuan, 1992. Geodynamics of the Shanxi rift system, China. ***Tectonophysics***, 208: 325-340.