

CURRICULUM VITAE

Yue-Gau CHEN

Personal Data:

Date of birth: *Feb. 13, 1961*; Place of birth: *Taipei, Taiwan*; Marital status: *married with three children*;
Citizenship: *Taiwan, Republic of China*; Present Address: Office: *Department of Geosciences, National Taiwan University, No. 1, Sec. 4th, Roosevelt Rd., Taipei 106, Taiwan, R.O.C.* (TEL: +886-2-2369-7648;
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Research Interest:

Neotectonics: DEM and Landscape
Quaternary Geochronology: Radiocarbon Dating, Thermoluminescence Dating, and Optical Stimulated Luminescence Dating
Stable Isotope Geochemistry: Organic C, N, and S in Sediments
Quaternary Geology: Paleoclimatic Study on Coral

Education:

Ph.D. Geology (Jan., 1993), Department of Geosciences, National Taiwan University

Present Position

Professor, 2003.8-, Department of Geosciences, National Taiwan University

Experiences

2006- *Coordinator*, Panel committee of Earth Sciences Study, National Science Council, R.O.C.
2004-2005 *Committee member*, Panel committee of Earth Sciences Study, National Science Council, R.O.C.
2000.1-2006.1 *Coordinator*, Sino-American Collaboration Program on Earth Sciences, National Science Council, R.O.C.
2001-2005 *Committee Member*, International Lithosphere Program in Taiwan
1997.8-2003.7 *Associate Professor*, Department of Geosciences, National Taiwan University
1995.2-1996.1 *Visiting Scholar*, Department of Earth and Atmospheric Science, Purdue University, U.S.A.
1993.5-1995.1 *Secretary General*, Geological Society of China in Taipei

Awards and Honors:

1. Annual Research Awards of National Science Council, R.O.C., 1995, 1996, 1997, 1999, 2000.
2. Candidate of Outstanding Research Awards of National Science Council, R.O.C., 2002
3. Outstanding Research Awards of National Science Council, R.O.C., 2003-2006
4. Award for Young Scientist, College of Science, NTU, 2002
5. Outstanding Teaching Award of National Taiwan Univ., 1999, 2003.
6. GSA fellow elected in 2008

Invited Talks

- 2000, Invited speaker of special session in fall meeting at San Francisco: *The 1999 Chi-chi Taiwan Earthquake*
- 2002, Invited speaker of APEC Workshop on Active Fault Study, Central Geological Survey, Taipei, Taiwan: *Recent progress on earthquake geology of Taiwan*
- 2003, Invited speaker of Symposium on Tectonic Evolution of western Pacific Marginal Basins and Resource Evaluation, Tokyo, Japan: *Active Structures and Related Geomorphic Features in Taiwan*
- 2003, Invited specialist to Korea: (1) *Lessons learned from 1999 Chi-chi earthquake, central Taiwan*; (2) *Recent progress of earthquake geology in Taiwan.*
- 2004, Invited speaker of Taiwan-Germany Quaternary Symposium at Taipei, Taiwan: *1999 Chi-chi earthquake, central Taiwan*
- 2005, Invited speaker, Hokudan International Symposium on Active Faulting (In Commemoration of the Tenth Anniversary of the 1995 Great Hanshin-Awaji Earthquake): *Lessons learned from 1999 Chi-Chi earthquake, in view of earthquake geology*
- 2007, Invited speaker of International Symposium on Quaternary Environmental Changes and Humans in Asia and the Western Pacific, Tokyo, Japan: *Quaternary Research in Taiwan*

- viii. 2007, Invited speaker to Active Fault Research Center, AIST, Japan: *Kinematics of fault systems from surface to depth and back to surface again*
- ix. 2007, Invited speaker of International Symposium on Quaternary Environmental Changes and Humans in Asia and the Western Pacific, Tokyo, Japan: *Looking for Hopes in a disastrous event: the case of 1999 Taiwan Chi-Chi earthquake*
- x. 2008, Invited speaker of New Zealand-Taiwan Geosciences Workshop, Lower Hutt, New Zealand
- xi. 2009, Keynote speaker of 10th year commemoration conference of Chi-Chi earthquake, Taipei, Taiwan

International Activities:

- 2009 Organizing Taiwan-Switzerland Workshop on “Source to Sink Relationships and Petroleum Occurrences in Foreland Basin Systems”
- 2006 Editorial Board of JAES (J. Asian Earth Sciences)
- 2004 Guest Editor of JAES (J. Asian Earth Sciences)
- 2003 Local Convener of Penrose Conference, Geological Society America
- 2001 Organizing international iSEAT conference in Taiwan
- 2001-2008 Convener of special session in AGU Fall Meeting
- 1996 Organizing international TEA conference in Taiwan

Professional Affiliations

- Geological Society of America, Member (Fellow since 2008)
- American Geophysical Union, Member
- Geological Society of China in Taipei, Member (Secretary General, 1993-1994)
- Geophysical Society of China, Member
- Chinese Geoscience Union, Member

Publications: (* corresponding author)

2003

1. Chen, W.S., Chen, Y.G., Shih, R.C., Liu, T.K., Huang, N.W., Lin, C.C., Sung, S.H., and Lee, K.J. (2003) Thrust-related river terrace development in relation to the 1999 Chi-Chi earthquake rupture, Western Foothills, central Taiwan. *J. Asian Earth Sci.* 21, 473-480.
2. Lee, J.C., Rubin, C.M., Chan, Y.C., Chu, H.T., Chen, Y.G., Sieh, K., Chen, W.S., and Yeats, R. (2003) Reply to “Comment on ‘a vertical exposure of the 1999 surface rupture of the Chelungpu fault at Wufeng, western Taiwan: structural and paleoseismic implications for and active thrust fault’, by Jian-Cheng Lee, Yue-Gau Chen, Kerry Sieh, Karl Mueller, Wen-Shan Chen, Hao-Tsu Chu, Yu-Chang Chan, Charles Rubin, and Rober Yeats”, by Yuan-Hsi Lee, Shih-Ting Lu, Tung-Sheng Shih, and Wei-Yu Wu. *Bull. Seismol. Soc. Amer.* 93(2), 969-972.
3. Chen, Y.G., Chen, Y.W., Chen, W.S., Zhang, J.F., Zhao, H., Zhou, L.P., and Li, S.H. (2003) Preliminary results of long-term slip rates of 1999 earthquake fault by luminescence and radiocarbon dating. *Quat. Sci. Rev.* 22(10-13), 1213-1221.
4. Chen, Y.W., Chen, Y.G.*, Murray, A.S., Lai, D.J. (2003) Luminescence dating of neotectonic activity on the southwestern coastal plain, Taiwan. *Quat. Sci. Rev.* 22(10-13), 1223-1229.
5. Wei, K.Y., Chiu, T.C., and Chen, Y.G. (2003) Toward establishing a marine proxy record of the East Asian summer monsoons for the late Quaternary. *Mar. Geol.* 3368, 1-13.
6. Chen, M.T., Shiao, L.J., Yu, P.S., Chiu, TC, Chen, Y.G., and Wei, K.Y. (2003) 500 000-Year records of carbonate, organic carbon, and foraminiferal sea-surface temperature from the southeastern South China Sea (near Palawan Island). *Paleogeogr. Paleoclimatol. Paleoecol.* 197(1/2), 113-131.
7. Wei, K.Y., Chen, Y.G., Chen, W.S., Lai, T.H., Chen, L.C., and Fei, L.Y. (2003) Climate change as the dominant control on the last glacial-Holocene $\delta^{13}\text{C}$ variations of sedimentary organic carbon in the Lan-Yang plain, Northeastern Taiwan. *West Pacific Earth Sciences* 3(1), 57-68.

2004

8. Chen, Y.G., Shyu, J.B.H., Ota, Y., Chen, W.S., Hu, J.C., Tsai, B.W., and Wang, Y. (2004) Active structures as deduced from geomorphic features: A case in Hsinchu Area, northwestern Taiwan. *Quat. Intl.* 115/116,

189-199.

9. Chen, W.S., Lee, K.J., Lee, L.S., Ponti, D.J., Prentice, C., Chen, Y.G., Chang, H.C., and Lee, Y.H. (2004) Paleoseismology of the Chelungpu Fault For the Past 1900 Years. *Quat. Intl.* 115/116, 167-176.
10. Lee, J.C., Rubin, M.C., Mueller, K., Chen, Y.G., Chan, Y.C., Sieh, K., Chu, H.T., and Chen, W.S. (2004) Quantitative analysis of movement along an earthquake thrust scarp: a case study of a vertical exposure of the 1999 surface rupture of the Chelungpu fault at Wufeng, Western Taiwan. *J. Asian Earth Sci.* 23, 263-273.
11. Chen, Y.G., Liu, J.C., Shieh, Y.N., and Liu, T.K. (2004) Late Pleistocene to Holocene environmental changes as recorded in the sulfur geochemistry of coastal plain sediments, southwestern Taiwan. *J. Asian Earth Sci.* 24, 213-224.

2005

12. Shyu, J.B.H., Sieh, K., and Chen, Y.G. (2005) Tandem suturing and parting of the Taiwan orogen revealed by its neotectonic elements. *Earth Planet Sci. Lett.* 233, 167-177.
13. Lin, Y.S., Chen, Z.S., Chen, Y.G. and Hsieh, M.L. (2005) Heterogeneity of Soil Morphology on the Taoyuan Terrace, Northwestern Taiwan. *Geomorphology* 69, 138-151.
14. Shyu, J. B.H., Sieh, K., Chen, Y.G., and Liu, C.S. (2005) The neotectonic architecture of Taiwan and its implications for future large earthquakes. *J. Geophys. Res.* 110, B08402, doi:10.1029/2004JB003251.
15. Shen, C.C., Lee, T., Liu, K.K., Hsu, H.H., Edwards, R. L., Wang, C.H., Lee, M.Y., Chen, Y.G., Lee, H.J., and Sun, H.T. (2005) An evaluation of quantitative reconstruction of past precipitation records using coral skeletal Sr/Ca and $\delta^{18}\text{O}$ data. *Earth Planet Sci. Lett.* 237, 370-386.
16. Ota, Y., Chen, Y.G., and Chen, W.S. (2005) Paleoseismological and active fault study in Taiwan — a review. *Tectonophysics* 408, 63-77.
17. Ku, H.W., Chen, Y.G.*, Liu, T.K., and Hsieh, H.L. (2005) Environmental change of southwestern coastal plain of Taiwan: using multiple proxies of sedimentary organic matter. *TAO* 16(5), 1079-1096.
18. Chiang, H.W. and Chen, Y.G.* (2005) Organic carbon inferred environmental fluctuations during late Pleistocene, southwestern Taiwan. *TAO* 16(5), 1121-1132.
19. Hou, C.S., Hu, J.C., Shen, L.C., Wang, J.S., Chen, C.L., Lai, T.C., Huang, C., Yang, Y.R., Chen, R.F., Chen, Y.G., Angelier, J. (2005) Estimation of subsidence using GPS measurements, and related hazard: the Pingtung Plain, southwestern Taiwan. *Comptes Rendus Geoscience* 337, 1184-1193.

2006

20. Lai, K.Y., Chen, Y.G.*, Hung, J.H., Chen, Y.W. (2006) Fault-bend related surface deformation: Evidence from geomorphic features and coseismic slips. *Quat. Intl.* 147, 44-54.
21. Wu, Y.M., Chen, Y.G.*, Hu, J.C., Shin, T.C., Kuochen, H., Hou, C.S., Chang, C.H, Wu, C.F., Teng, T.L. (2006) Coseismic versus interseismic ground deformations, fault rupture inversion and segmentation revealed by 2003 Mw 6.8 Chengkung earthquake in eastern Taiwan. *Geophys. Res. Lett.* 33, L02312, doi:10.1029/2005GL024711.
22. Ota, Y., Lin, Y.N., Chen, Y.G.*, Chang, H.C., Hung, J.H. (2006) Newly found Tunglo Active Fault System in the fold and thrust belt in northwestern Taiwan deduced from deformed terraces. *Tectonophysics* 317, 305-323.
23. Lin, Y.S., Wei, K.Y., Lin, I.T., Yu, P.S., Chiang, H.W., Chen, C.Y., Shen, C.C., Mii, H.S., Chen, Y.G. (2006) The Holocene *Pulleniatina* Minimum Event revisited: geochemical and faunal evidence from the Okinawa Trough and upper reaches of the Kuroshio current. *Mar. Micropaleontol.* 59., 153-170.
24. Song, S.R., Ku, W.Y., Chen, Y.L., Liu, C.M., Chen, H.F., Chan, P.S., Chen, Y.G., Yang, T.F., Chen, C.H., Liu, T.K., Lee, M. (2006) Hydrogeochemical anomalies in the springs of the Chiayi area in west-central Taiwan as possible precursors to earthquakes. *Pure and Applied Geophysics* 163 (4), 675-691.
25. Wu, Y.M., Chen, Y.G.*, Chang C.H., Chung, L.H., Teng, T.L., Wu, F. T., and Wu, C.F. (2006) Seismogenic structure in a tectonic suture zone: With new constraints from 2006 Mw6.1 Taitung earthquake, *Geophys. Res. Lett.* 33, L22305, doi:10.1029/2006GL027572.

26. Shyu, J.B.H., Sieh, K., Chen, Y.G., Chung, L.H. (2006) Geomorphic analysis of the Central Range fault, the second major active structure of the Longitudinal Valley suture, eastern Taiwan. *Geol. Soc. Am. Bull.* 118, 1447-1462.
27. Shyu, J.B.H., Sieh, K., Avouac, J-P., Chen, W.S., Chen, Y.G. (2006) Millennial slip rate of the Longitudinal Valley fault from river terraces: Implications for convergence across the active suture of eastern Taiwan. *J. Geophys. Res.* 111, B08403, doi:10.1029/2005JB003971.

2007

28. Simoes, M., Avouac, J-P., Chen, Y.G. (2007) Slip rates on the Chelungpu and Chushiang thrust faults inferred from a deformed strath terrace along the Dungpuna river, west central Taiwan. *J. Geophys. Res.* 112, B03S10, doi:10.1029/2005JB004200.
29. Simoes, M., Avouac, J.-P., Chen, Y.G., Singhvi, A.K., Wang, C.Y., Jaiswal, M., Chan, Y.C., Bernard, S. (2007) Kinematic analysis of the Pakuashan fault-tip fold, west-central Taiwan: shortening rate and age of folding inception. *J. Geophys. Res.* 112, B03S14, doi:10.1029/2005JB004198.
30. Chen, Y.G., Lai, K.Y., Lee, Y.H., Suppe, J., Chen, W.S., Lin, Y.N., Wang, Y., Hung, J.H. (2007) Coseismic fold scarps and their kinematic behavior in the 1999 Chi-Chi earthquake Taiwan. *J. Geophys. Res.* 112, B03S02, doi:10.1029/2006JB004388.
31. Streig, A., Rubin, C.M., Chen, W.S., Chen, Y.G., Lee, L.S., Lu, S.T., Thompson, S., and Huang, S.Y. (2007) Evidence for prehistoric coseismic folding along the Tsaotun segment of the Chelungpu fault near Nan-Tou, Taiwan: Seismic hazard along active fold scarps. *J. Geophys. Res.* 112, B03S06, doi: 10.1029/2006JB004493.
32. Hu, J.C., Cheng, L.W., Chen, H.Y., Wu, Y.M., Lee, J.C., Chen, Y.G., Lin, K.C., Rau, R.J., Kuochen, H., Chen, H.H., Yu, S.B., Angelier, J. (2007) Coseismic deformation revealed by inversion of strong motion and GPS data: the 2003 Chengkung earthquake in eastern Taiwan. *Geophys. J. Intl.* 169 (2): 667-674 MAY 2007.
33. Ku, H.W., Chen, Y.G.*, Liu, H.C., and Lin, C.C. (2007) Using Organic Carbon and Nitrogen to Diagnose Paleo-environment: A case of low altitude Taipei Basin in Northern Taiwan. *Geochem. Jour.* 41, 111-120.
34. Lan, T.F., Yang, T.F., Lee, H.F., Chen, Y.G., Chen, C.H., Song, S.R., Tsao, S.J. (2007) Compositions and flux of soil gas in Liu-Huang-Ku Hydrothermal area, northern Taiwan. *J. Volcanol. Geoth. Res.* 165, 32-45.
35. Wu, Y.M., Chang, C.H., Zhao, L., Shyu, J.B.H., Chen, Y.G., Sieh, K., Avouac, J.P. (2007) Seismic tomography of Taiwan: Improved constraints from a dense network of strong motion stations. *J. Geophys. Res.* 112, B08312, doi:10.1029/2007JB004983.
36. Beyssac, O., Simoes, M., Avouac, J-P., Farley, K.A., Chen, Y.G., Chan, Y.C., and Goffe, B. (2007) Late Cenozoic metamorphic evolution and exhumation of Taiwan. *Tectonics* 26, TC6001, doi:10.1029/2006TC002064.
37. Lin, Y.S., Lin, Y.W., Wang, Y., Chen, Y.G.*, Hsu, M.L., Chiang, S.H., Chen, Z.S. (2007) Relationships between topography and spatial variations in groundwater and soil morphology within the Taoyuan-Hukou Tableland, Northwestern Taiwan. *Geomorphology* 90, 36-54.
38. Chen, Y.G., Mueller, K., Lo, C.H. (2007) Earthquake geology and hazards in Taiwan, *J. Asian Earth Sci.* 31, 195-196, doi: 10.1016/j.jseaes.2006.07.022.
39. Chen, Y.G., Hung, J.H., Lai, K.Y., and Chung, K.T. (2007) Terraces developed under interference of two active structure systems in Houli, central Taiwan. *J. Asian Earth Sci.* 31, 240-150, doi:10.1016/j.jseaes.2006.07.023.
40. Shyu, J.B.H., Chung, L.H., Chen, Y.G., Lee, J.C., and Sieh, K. (2007) Re-evaluation the surface ruptures of the November 1951 earthquake series in eastern Taiwan, and its neotectonic implications. *J. Asian Earth Sci.* 31, 317-331. doi:10.1016/j.jseaes.2006.07.018.
41. Chan, Y.C., Chen, Y.G., Shih, T.Y., Huang, C. (2007) Characterizing the Hsincheng active fault in northern Taiwan using airborne LIDAR data: detailed geomorphic features and their structural implication. *J. Asian Earth Sci.* 31, 303-316. doi:10.1016/j.jseaes.2006.07.029
42. Huang, S.Y., Rubin, C.M., Chen, Y.G., and Liu, H.C. (2007) Prehistoric earthquakes along the Shanchiao

Fault, Taipei Basin, northern Taiwan. *J. Asian Earth Sci.* 31, 265–276. doi:10.1016/j.jseaes.2006.07.025

43. Chen, W.S., Lee, K.J., Lee, L.S., Streig, A.R., Rubin, C.M., Chen, Y.G., Yang, H.C., Chang, H.C., and Lin, C.W. (2007) Paleoseismicity of the Chichi earthquake rupture, central Taiwan: Significant sedimentation of coseismic fault-propagation growth-fold. *J. Asian Earth Sci.* 31, 204–213. doi:10.1016/j.jseaes.2006.07.027
44. Kuochen, H., Wu, Y.M., Chen, Y.G., and Chen, R.Y. (2007) 2003 Mw6.8 Chengkung earthquake and its associated seismogenic structures. *J. Asian Earth Sci.* 31, 332–339. doi:10.1016/j.jseaes.2006.07.028
45. Simoes, M., Avouac, J.-P., Beyssac, O., Goffe, B., Farley K.A., Chen, Y.G. (2007) Mountain building in Taiwan: A thermokinematic model. *J. Geophys. Res.* 112, B11405, doi:10.1029/2006JB004824.

2008

46. Chen, Y.G.*, Kuo, Y.T., Wu, Y.M., Chen, H.L., Chang, C.H., Chen, R.Y., Lo, P.W., Ching, K.E., Lee, J.C. (2008) New seismogenic source and deep structures revealed by 1999 Chiayi Earthquake sequence in southwestern Taiwan. *Geophys. J. Int.* 172, 1049-1054. doi: 10.1111/j.1365-246X.2007.03686.x.
47. Shyu, J.B.H.* , Sieh, K., Chen, Y.G., Chuang, R.Y., Wang, Y., Chung, L.H. (2008) Geomorphology of the southernmost Longitudinal Valley fault: Implications for evolution of the active suture of eastern Taiwan. *Tectonics* 27, TC1019, doi:10.1029/2006TC002060
48. Chung, L.H., Chen, Y.G.*, Wu, Y.M., Shyu, J.B.H., Kuo, Y.T., Lin, Y.N. (2008) Seismogenic faults along the major suture of the plate boundary deduced by dislocation modeling of co-seismic displacements of the 1951 M7.3 Hualien-Taitung earthquake sequence in eastern Taiwan. *Earth Planet Sci. Lett.* 269, 415-425. doi:10.1016/j.epsl.2008.02.035
49. Shih, D.C.-F.* , Lin, G.-F., Jia, Y.-P., Chen, Y.G., Wu, Y.-M. (2008) Spectral decomposition of periodic ground water fluctuation in a coastal aquifer. *Hydrol. Process.* DOI: 10.1002/hyp.6781
50. Fu, C.C., Yang, T.F.* , Du, J., Walia, V., Chen, Y.G., Liu, T.K., Chen, C.H. (2008) Variations of helium and radon concentrations in soil gases from an active fault zone in southern Taiwan. *Radiation Measurements* 43, S348-S352.
51. Shih, D.C.F.* , Wu, Y.M., Lin, G.F., Hu, J.C., Chen, Y.G., Chang, C.H. (2008) Assessment of long-term variation in displacement for a GPS site adjacent to a transition zone between collision and subduction. *Stochastic Environmental Research and Risk Assessment* 22, 401-410.
52. Beyssac, O.* , Negro, F., Simoes, M., Chan, Y.C., and Chen, Y.G. (2008) High-pressure metamorphism in Taiwan: from oceanic subduction to arc-continent collision? *Terra Nova* 20, 118–125, doi: 10.1111/j.1365-3121.2008.00796.x
53. Jaiswal, M.K., Bali, B.S., Bhat, M.I., Chen, Y.G. (2008). Luminescence Chronology of tectonically uplifted terraces in Kashmir Basin, Jammu & Kashmir, India. *Himalayan Geology* 29(3), 35-35.
54. Huang, B.S., Huang, Y.L., Lee, S.J., Chen, Y.G., Jiang, J.S. (2008) Initial rupture processes of the 2006 Pingtung earthquake from near source strong-motion records. *TAO* 19(6), 547-554.

2009

55. Chen, Y.W., Chen, Y.G.*, Murray, A.S., Watanuki, T., Chen, W.S., Yang, C.C.B., Liu, T.K., Lin, C.W. (2009), Long-term crustal movement caused by the Chiuchungkeng Fault in southwestern Taiwan: Constraints from luminescence dating. *Quat. Intl.* 199, 15-24. doi:10.1016/j.quaint.2008.07.014
56. Chen, Y.G.*, Chen, Y.M., Chen, W.S., Lee, K.J., Lee, L.S., Lu, S.T., Lee, Y.H., Watanuki, T., Lin, Y.N. (2009) Optical dating of a sedimentary sequence in a trenching site on the source fault of the 1999 Chi-Chi earthquake, Taiwan. *Quat. Intl.* 199, 25-33. doi:10.1016/j.quaint.2009.01.001
57. Shih, D.C.F.* , Chen, Y.G., Lin, G.F., Wu, Yih-Min (2009) Uncertainty propagation of hydrodispersive transfer in an aquifer: an illustration of one-dimensional contaminant transport with slug injection. *Stochastic Environmental Research and Risk Assessment* 23, 613-620. doi: 10.1007/s00477-008-0246-2
58. Hou, C.S., Hu, J.C.* , Ching, K.E., Chen, Y.G., Chen, C.L., Cheng, L.W., Tang, C.L., Huang, S.H., Lo, C.H. (2009) The crustal deformation of the Ilan Plain acted as a westernmost extension of the Okinawa Trough. *Tectonophysics* 466, 344-355. doi:10.1016/j.tecto.2007.11.022

59. Upton, P.* , Mueller, K., Chen, Y.G. (2009) 3D numerical models with varied material properties and erosion rates: Implications for the mechanics and kinematics of compressive wedges. *J. Geophys. Res.* 114, B04408, doi: 10.1029/2008JB005708
60. Ota, Y., Lin, Y.N., Chen, Y.G.*, Matsuta, N., Watanuki, T., Chen, Y.W. (2009) Touhuanping Fault, an active wrench fault within fold-and-thrust belt in northwestern Taiwan, documented by spatial analysis of fluvial terraces, *Tectonophysics* (2009), doi:10.1016/j.tecto.2009.04.034
61. Lai, K.Y.* , Chen, Y.G., Wu, Y.M., Avouac, J-P., Kuo, Y.T., Wang, Y., Chang, C.H., Lin, K.C. (2009) The 2005 Ilan earthquake doublet and seismic crisis in northeastern Taiwan: evidence for dike intrusion associated with on-land propagation of the Okinawa Trough. Accepted by *Geophys. J. Int.*
62. Lin, Z.* , Oguchi, T., Chen, Y.G., and Saito, K. (2009) Constant-slope alluvial fans and source basins in Taiwan. Accepted by *Geology*
63. Jaiswal, M.K.* , Bhat, M.I., Bali, B.S., Ahmad, S. and Chen, Y.G. (2009) Luminescence characteristics of Quartz and Feldspar from tectonically uplifted terraces in Kashmir Basin, Jammu & Kashmir, India. Accepted by *Radiation Measurements*