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Personal Data

Female, Born on June 24, 1980 in Taipei, Taiwan, R.O.C.

Education

2003/08-2005/01	National Taiwan University, Graduate School Major: Geosciences
1998/08-2003/07	National Taiwan University (NTU) Major: Sociology

Honors awarded

2005/07	Dean's Award, College of Science (Top 5% of the graduates in Institute of Geosciences)
2005/01	Funding of INQUA Scale Second Project Meeting (Financial Funding for attending Hokudan International Symposium on Active Faulting)
2004/06	The long-term development of outstanding student scholarship of Hsing-Tian-Gung Temple (The long-range funding for graduate students judging from academic performances)
2004/05	Outstanding Student Paper Award in "2004 Joint Geosciences Assembly"
2003	Membership of the Phi Tau-Phi Scholastic Honor Society of the Republic of China (Top 1% of the graduates in College of Social Sciences)
2002-2004	Tai-Power Development Scholarship (Twice; the short-term scholarship for outstanding academic performances of undergraduate and graduate students)
2001/10	Lung Kuan-Hai Memorial Scholarship (For topmost sociology students)
1999-2001	NTU President's Award (5 times; Top 5% in class)
1998	Taipei Mayor's Award (Top 1% of the high school graduates of the year)

Experiences

2005/02-2006/07	Full-time R.A. , Structural and Neotectonic Lab, Department of Geosciences, NTU
2005/11	Consultant , Exploration and Development Research Institute, Chinese Petroleum Corporation (CPC)
2005/09	T.A. , Geologic Hazard Assessment (co-course with Caltech Ge122), Department of Geosciences, NTU
2004/12	Contract trainer , GeoForce Technologies Co., Ltd. Paradigm GeoSec2D training courses
2004/09	Contract technician , GeoForce Technologies Co., Ltd. Short-term training of GeoDepth in Paradigm, Perth, Australia
2004/07-2004/12	Part-time R.A. , Exploration and Development Research Institute, Chinese Petroleum Corporation (CPC)
2003/09-2004/01	T.A. , Geologic Hazard Assessment (optional course) Department of Geosciences, NTU
2003-2005	T.A. , Summer Camp Sedimentary Rocks (prescribed course) Department of Geosciences, NTU
2002/07-2003/03	National Science Counsel Independent Project Research of Undergraduate Students Topic: The influence of check dam construction on river morphology in the Ninety-nine Peaks Area, Nantou, Taiwan, and its implications on civil engineering

Conference Attended

2005/06-07	Beijing, China	International Conference on the Theory and Application of Fault-related Folding in Foreland Basins (poster)
2005/01	Hokudan, Japan	Hokudan International Symposium on Active Faulting (poster)
2004/12	San Francisco, USA	2004 AGU Fall Meeting (oral presentation)
2004/05	Taoyuan, Taiwan	2004 Joint Geosciences Assembly (poster)
2003/12	San Francisco, USA	2003 AGU Fall Meeting (poster)
2003/03	Keelung, Taiwan	2003 Annual Meeting of Geological Society of China (oral presentation)
2002/05	Tainan, Taiwan	2002 Annual Meeting of Geological Society of China (oral presentation)

Publications

Papers and Books

- Lin, Y.N.**, Chen, Y.G., Wu, Y.M., Yang, K.M., Ota, Y., Hou, C.S. and Wang, Y. (2006) Reactivated normal fault, wedge back thrust and strike-slip fault: A seismogenic structure-complex revealed by the 1935 Hsinchu-Taichung Earthquake, Taiwan. Submitted to *JGR*.
- Chen, Y.G., Hung, J.H., Lai, K.Y. and **Lin, Y.N.** (2006) Terrace development in response to the interference of two active structural systems in Houli, central Taiwan. Submitted to *Asian Earth Science*.
- Chen, Y.G., Chen, Y.W., Chen, W.S., Lee, K.J., Lee, L.S., Lu, S.T., Lee, Y.H., Watanuki, T. and **Lin, Y.N.** (2006) Using OSL method to reconstruct the time frame of sedimentary sequence in a trenching site along 1999 earthquake fault. Submitted to *Quaternary Science Review*.
- Ota, Y., **Lin, Y.N.**, Chen, Y.G. and Chang, H.C. (2006) The Tunglo Active Fault System as deduced from deformed terraces, central Taiwan. *Tectonophysics*, 417, 305-323.
- Lin, Y.N.** (2005) Surface deformation and seismogenic structure model of the 1935 Hsinchu-Taichung Earthquake ($M_{GR}=7.1$), in Miaoli, northwestern Taiwan. M.S. Thesis, 77p.

Conference Paper

- Chen, Y.G., Lai, K.Y., Chen, W.S., **Lin, Y.N.**, Wang, Y., Suppe, J., Hung, J.H. and Lee, Y.H. (2005) Fold-scarps and its related fault geometry: coseismic cases documented in 1999 Chi-Chi earthquake. International Conference on the Theory and Application of Fault-related Folding in Foreland Basins. 66-67.
- Wang, Y., Chen, Y.G., **Lin, Y.N.**, Chung, L.H., Shyu, J., Yang, K.M., Huang, S.T. and Chuang, R. (2005) Fold-related tectonic landscape and neotectonic activity in Taoyuan-Hsinchu area, northwestern Taiwan. International Conference on the Theory and Application of Fault-related Folding in Foreland Basins. 120-121.
- Lin, Y.N.**, Chen, Y.G., Wu, Y.M., Wang, Y., Yang, K.M., Ota, Y. and Hou, C.S. (2005) Neotectonics of the fold system in the Miaoli Area, Northwestern Taiwan. International Conference on the Theory and Application of Fault-related Folding in Foreland Basins. 121-122.
- Ota, Y., **Lin, Y.N.**, Chen, Y.G., Chang, H.C. and Hung, J.H. (2005) Newly identified Tunglo Active Fault System and geomorphologic significance of the 1935 earthquake fault (Shihtan Fault) in central western Taiwan. International Conference on the Theory and Application of Fault-related Folding in Foreland Basins. p.121.
- Lin, Y.N.**, Chen, Y.G., Wu, Y.M., Wang, Y., Yang, K.M. and Ota, Y. (2005) Surface deformation and seismogenic structure model of 1935 Hsinchu-Taichung earthquake ($M_{GR}=7.1$), Miaoli, northwestern Taiwan. Hokudan International Symposium on Active Faulting. 80-81.
- Lin, Y.N.**, Chen, Y., Wu, Y., Yang, K. and Ota, Y. (2004) Seismogenic structure of the 1935 Hsinchu-Taichung ($M_{GR}=7.1$) earthquake, Miaoli, western Taiwan. AGU 2004 Fall Meeting.

PERSONAL RESUME

- Yang, K.M., Huang, S.T., Ting, H.H., Wu, J.C., **Lin, Y.N.** and Lee, M. (2004) The role of normal faulting in the most recent tectonics of western Taiwan. International Conference in Commemoration of 5th Anniversary of the 1999 ChiChi Earthquake, Taiwan. 23-24.
- Lin, Y.N.**, Chen, Y.G., Wu, Y.M., Yang, K.M. and Ota, Y. (2004) Seismogenic structure of 1935 Hsinchu-Taichung ($M_{GR}=7.1$) earthquake, Miaoli, western Taiwan. 2004 Annual Meeting of Geological Society of China. 06-P-062.
- Lin, Y.N.**, Y. Chen, Y. Ota. (2003) Reevaluation of 1935 M 7.0 earthquake fault, Miaoli-Taichung area, western Taiwan: a DEM and field study. AGU 2003 Fall Meeting.
- Wang, Y., Che, Y.G., Yang, K.M., Huang, S.T., Shyu, J.B.H., Chuang, R.Y. and **Lin, Y.N.** (2003) Morphotectonics in Taoyuan-Hsinchu Area, Northwestern Taiwan. 2003 Annual Meeting of Geological Society of China. 721-725.
- Lin, Y.N.**, Hsieh, M.L., Liew, P.M., Wang, Y. and Teng, L.S. (2003) Modern sedimentary units of the debris-stream flow transition of Gankeng River, 99 Peaks. 2003 Annual Meeting of Geological Society of China. 185-188.
- Wang, Y., Chen, Y., Shyu, J., Chuang, R., **Lin, Y.** and Chung, L. (2002) The active tectonic features in Taoyuan area, northwestern Taiwan. AGU 2002 Fall Meeting.
- Hsieh, M.L., Liew, P.M., **Lin, Y.N.** and Chen, B.C. (2002) Preliminary results of monitoring channel-bed mobilization in the Ninety-nine Mountain Terrain, Cenral Taiwan (I): introduction – questions and concerns. 2002 Annual Meeting of Geological Society of China. 244-246.
- Hsieh, M.L., **Lin, Y.N.**, Liew, P.M. and Chen, B.C. (2002) Preliminary results of monitoring channel-bed mobilization in the Ninety-nine Mountain Terrain, Cenral Taiwan (III): characteristics of bedload transport during the 2001 Taozui Typhoon. 2002 Annual Meeting of Geological Society of China. 250-253.
- Lin, Y.N.**, Hsieh, M.L., Liew, P.M. and Chen, B.C. (2002) Preliminary results of monitoring channel-bed mobilization in the Ninety-nine Mountain Terrain, Cenral Taiwan (II): effect of check dams upon river morphology and bedload transport. 2002 Annual Meeting of Geological Society of China. 247-249.

Miscellaneous

- Chen, Y.G. and **Lin, Y.N.** (2005) Introduction to Digital Photogrammetry. *Science Development*. No. 390, 30-37. (in Chinese)