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## ***Research Interests***

Active Structures  
Earthquake Geology  
Quaternary Geology

## ***Interesting Area***

Northwestern Taiwan  
Eastern coast of the "Bay of Bengal"  
Sumatran and Java area

## ***Education***

- 1994/09 – 1998/07 Taipei Sung Shan Senior High School.
- 1998/09 – 2002/07 Dept. of Geology, National Taiwan University(NTU), Taiwan
- 2002/09 – 2003/07 Institute of Geosciences, National Taiwan University (NTU), Taiwan (M.S.)

## ***Experiences***

1. **T.A.**, *Field Geology Lab*, Dept. Geology, NTU. 2002-2003
2. **T.A.**, *Summer Camp of Field Geology (Sedimentary Rock)*, Dept. Geology, NTU, 2002 - 2003
3. **Corporal**, ROC Army, Taiwan (Compulsory Military Service), Sep. 2003 - Mar. 2005
4. **T.A.**, *Geologic Hazard Assessment* (co-course with Caltech Ge122), Dept. of Geosciences, NTU, Sep. 2005
5. **Full-time R.A.**, Paleo-environments and Neotectonics Lab, NTU, Apr. 2005 to July. 2006.

## ***Publications***

### **(A) Thesis and Papers**

1. **Wang, Y.** (2003) Morphotectonics in Taoyuan – Hsinchu Area, northwestern Taiwan. M.S. Thesis, 105p (In Chinese)
2. 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.

### **(B) Conference Papers and Abstracts**

1. Shyu, J.B.H., Sieh, K., Chen, Y.G., Lee, C.T., **Wang, Y.**, Ota, Y., Lee, J.C., Sung, Q.C., Rubin, C.M., A Preliminary Neotectonic Map of Taiwan, and Its Implication for Future Destructive Earthquakes. *Workshop of Plate Boundary Observatory-Taiwan, Abstracts, 17-19.*
2. Chen, Y.G., Shyu, J.B.H., Lai, K.Y., **Wang, Y.**, Chuang, R.Y., Chen, W.S. (2002) Deformed Terraces and Active Structures: A Case along Tungpuna River, Nantao. *2002 Annual Meeting of the Geological Society of China, 12-14.*
3. **Wang, Y.**, Chen, Y.G., Chuang, R.Y., Shyu, J.B.H. (2002) Geomorphology and Active Structures of the Taoyuan - Hsinpu area, *2002 Annual Meeting of the Geological Society of China, 21-24.*
4. Chuang, R.Y., Chen, Y.G., **Wang, Y.**, Lee, C.T. (2002) River Terraces Correlation of Lower Reach of Tahanchi and Its Implications on Neotectonics, *2002 Annual Meeting of the Geological Society of China, 347-349.*
5. Shyu, J.B.H., Sieh, K., Chuang, R.Y., **Wang, Y.**, Chung, L.H., Chen, Y.G. and the Caltech Ge122 Group (2002) Deformations of River Terraces near the Luyeh River, Eastern Taiwan, and Their Tectonic Implications. *2002 Annual Meeting of the Geological Society of China, 40-43.*
6. Chen, Y.G., Shyu, J.B.H., Ota, Y., Chen, W.S., Hu, J.C., Tsai, B.W., **Wang, Y.** (2002) Active structures as deduced from geomorphic features: a case in Hsinchu area, northwestern Taiwan. *Eos. Trans. AGU*, 83(47), Fall Meeting, Suppl., Abstract.
7. Shyu, J.B.H., Sieh, K., Chung, L.H., Chen, Y.G., **Wang, Y.** (2002) The active tectonics of eastern Taiwan-new insights from the two geomorphic tablelands (“the feet”) in the Longitudinal Valley. *Eos. Trans. AGU*, 83(47), Fall Meeting, Suppl., Abstract.
8. **Wang, Y.**, Chen, Y.G., Shyu, J.B.H., Chuang, R.Y., Lin, Y.N., Chung, L.H. (2002) The active tectonic features in Taoyuan area, northwestern Taiwan. *Eos. Trans. AGU*, 83(47), Fall Meeting, Suppl., Abstract.
9. Chung, L.H., Chen, Y.G., Lee, J.C., Shyu, J.B.H., **Wang, Y.** (2003) Surface Rupture Reevaluation of 1951 Earthquake Sequence in the middle Longitudinal Valley and the Neotectonic Implications. *2003 Annual Meeting of the Geological Society located in Taipei, 157*
10. **Wang, Y.**, Chen, Y.G., Yang, K.M., Huang, S.T., Shyu, J.B.H., Chuang, R.Y., Lin, Y.N. (2003) Morphotectonics in Taoyuan-Hsinchu Area, Northwestern Taiwan, *2003 Annual Meeting of the Geological Society located in Taipei, 721-725.*
11. Lin, Y.N., Hsieh, M.L., Liew, P.M., **Wang, Y.**, Teng, L.S. (2003) Modern sedimentary units of the debris-stream flow transition of Gankeng River, 99 Peaks. *2003 Annual Meeting of the Geological Society located in Taipei. 185-188.*
12. Chen, Y.G., Lai, K.Y., Chen, W.S., Lin, Y.N., **Wang, Y.**, Suppe, J., Hung, J.H., Lee, Y.H. (2005) Fold-scarps and its related fault geometry: coseismic cases documented in 1999 Chichi earthquake. *International Conference on Theory and Application of Fault-Related Folding in Foreland Basins, Abstracts, 66-67.*
13. **Wang, Y.**, Chen, Y.G., Lin, Y.N., Chung, L.H., Shyu, J.H., Yang, K.M., Huang, S.T., Chuang, R.Y. (2005) Fold-Related Tectonic Landscape And Neotectonic Activity In Taoyuan- Hsinchu Area, Northwestern Taiwan. *International Conference on Theory and Application of Fault-Related Folding in Foreland Basins, Abstracts, 120.*
14. Lin, Y.N., Chen, Y.G., Wu, Y.M., **Wang, Y.**, Yang, K.M., Ota, Y., Hou, C.S. (2005) Neotectonics Of The Fold System In The Miaoli Area, Northwestern Taiwan. *International Conference on Theory and Application of Fault-Related Folding in Foreland Basins, Abstracts, 121*