



黃文紀 研究副技師

Win- Gee Huang Associate Research Scientist

TEL : +886-2-2783-9910 ext. 1322

FAX : +886-2-2783-9871

E-mail : wgee@earth.sinica.edu.tw

研究領域：地震學、地震資料處理、地理資訊系統

Specialty: Seismic network design and operation, Strong Motion Data Processing, Geographic Information System

[學歷 Education]

- 1983：國立中央大學 地球物理系 學士
Dep. of Earth Sciences, National Central University, B.S.
- 1985：國立中央大學 地球物理研究所 碩士
Institute of Geophysics, National Central University, M.S.
- 1999：國立中央大學 地球物理研究所 博士
Institute of Geophysics, National Central University, Ph.D.

[經歷 Experiences]

- 2010/4 ~ : 研究副技師, 中央研究院 地球科學研究所
Associate Research Scientist, Institute of Earth Sciences, Academia Sinica
- 2003/10 ~ 2010/3 : 研究助技師, 中央研究院 地球科學研究所
Assistant Research Scientist, Institute of Earth Sciences, Academia Sinica
- 1995/02 ~ 1995/08 : 訪問學者, 美國田納西州曼菲斯大學
Visiting Scholar, University of Memphis
- 1988/09 ~ 2003/09 : 助理研究員, 中央研究院 地球科學研究所
Assistant Research Fellow, Institute of Earth Sciences, Academia Sinica

[Service]

Strong Motion Data Processing for:

1. Strong Motion Accelerograph Array in Taiwan, Phase 1 (SMART-1), 1980-1990.
2. Strong Motion Accelerograph Array in Taiwan, Phase 2 (SMART-2), 1990 - Present.
3. Lotung Large Scale Seismic Test Array (LLSST), 1985-1990.
4. Hualien Large Scale Seismic Test Array (HLSST), 1993- Present.
5. Strong Motion Downhole Array in Taipei Basin, 1994 - Present.
6. Strong Motion Array in Central Mountain Network, 1993 - Present.
7. Strong Motion Array in Taipei Basin, 2004 - Present.
8. Broadband Array in Metropolitan Taipei, 2004 - Present.

Network deployment and operation:

1. Strong Motion Array in Central Mountain Area, 1993 - present.
2. Strong Motion Downhole Array in Taipei Basin, 2002 - Present.
3. Broadband Array in Metropolitan Taipei, 2004 - Present.
4. Seismic Linear Array in Southern Taiwan, 2005- Present.

[Publication List]

Journal Papers

1. **Huang, W. G.** and Y. T. Yeh (1990). The characteristics of microtremors at the site of SMART1 array, *Terr. Atm. Ocean*, 3, 225-242. (SCI)
2. Wen, K. L., Y. T. Yeh and **W. G. Huang** (1992). Effects of alluvial basin on strong ground motions, *Bull. Seism. Soc. Am.*, 82, 1124-1133. (SCI)
3. **Huang, W. G.** and Y. T. Yeh (1998). The Tapu earthquake of 1993—A study of source parameters using near-source ground motion, *J. Geol. Soc. China*, 41, 253-269.
4. **Huang, W. G.** and Y. T. Yeh (1999). The characteristics of seismic source spectrum in the Chia-Yi and Tai-Nan area of Taiwan, *Terr. Atm. Ocean*, 10, 415-446. (SCI)
5. Huang, B. S., K. C. Chen, **W. G. Huang**, J. H. Wang, T. M. Chang, R. D. Hwang, H. C. Chiu and C. C. Tsai (2000). Characteristics of ground motion across a thrust tip from the September 21, 1999, Chi-Chi, Taiwan earthquake, *Geophys. Res. Lett.*, 27, 2729-2932. (SCI)
6. **Huang, W. G.**, J. H. Wang, B. S. Huang, K. C. Chen, T. M. Chang, R. D. Hwang, H. C. Chiu and C. C. Tsai (2001). Source parameters of the 1999 Chi-Chi, Taiwan earthquake, based on Brune's source model, *Bull. Seism. Soc. Am.*, 91, 1190-1198. (SCI)
7. Hwang, R. D., J. H. Wang, B. S. Huang, K. C. Chen, **W. G. Huang**, D. M. Chang, H. C. Chiu, and C. C. Tsai (2001). Estimates of stress drop from near-field seismograms of the Ms 7.6 Chi-Chi, Taiwan, earthquake of September 20, 1999, *Bull. Seism. Soc. Am.*, 91, 1158-1166. (SCI)
8. Chen, K. C., B. S. Huang, **W. G. Huang**, J. H. Wang, D. M. Chang, R. D. Hwang, H. C. Chiu, and C. C. Tsai (2001). An observation of rupture pulses of the September 20, 1999, Chi-Chi, Taiwan, earthquake from near-field seismograms, *Bull. Seism. Soc. Am.*, 91, 1247-1254. (SCI)
9. Huang, B. S., **W. G. Huang**, and K. C. Chen (2001). Data files on the Chi-Chi earthquake from the Central Mountain strong-motion array, *Bull. Seism. Soc. Am.*, 91, 1393. (SCI)
10. Huang, B. S., K. C. Chen, **W. G. Huang**, J. H. Wang and T. M. Chang (2002). Two dimensional numerical modeling for near source strong ground motions of the Chelungpu fault during the September 21, 1999, Chi-Chi, Taiwan earthquake, *Journal of the Chinese Institute of Engineers*, 25, 437-446. (SCI)
11. Wang, J. H., M. W. Huang, **W. G. Huang** (2006). Aspects of M>4 earthquakes in the Taipei metropolitan area during 1973-2005, *Western Pacific Earth Sciences*, IESAS1144.
12. Huang B. S., **W. G. Huang**, W. T. Liang, R. J. Rau and N. Hirata (2006). Anisotropy beneath an active collision orogen of Taiwan: results of across island array observations, *Geophys. Res. Lett.*, 33, L24302, doi:10.1029/2006GL027844. (SCI)
13. Chen K. C., **W. G. Huang**, and J. H. Wang (2007). Relationships among magnitudes and seismic moment of earthquakes in the Taiwan regions, *Terr. Atm. Ocea. Sci.*, 18, 5, 859-878. (SCI)
14. Chen, K. C., W. T. Liang, Y. H. Liu, **W. G. Huang**, and J. H. Wang (2008). Seismic moments of Taiwan's earthquakes evaluated from a regional broadband array, *Earth Planets Space*, 69, 559-564. (SCI)
15. **Huang, W. G.**, B. S. Huang, K. C. Chen, C. C. Liu, C. R. Lin, S. H. Tsao, Y. C. Hsieh, C. H. Chen (2008). Observations using the Taipei Basin broadband downhole seismic network: the December 26, 2006, Pingtung Earthquake Doublet, Taiwan. *Terr. Atm. Ocean. Sci.*, 19, 761-766, doi:10.3319/TAO.2008.19.6.761(PT). (SCI)

16. Huang, B. S., **W. G. Huang**, Y. L. Huang, L. C. Kuo, K. C. Chen, and J. Angelier (2009). Complex fault rupture during the 2003 Chengkung, Taiwan earthquake sequence from dense seismic array and GPS observations, *Tectonophysics*, 466, 184-204. (SCI)
17. Huang, B. S., T. S. Le, C. C. Liu, D. V. Toan, **W. G. Huang**, Y. M. Wu, Y. G. Chen, W. Y. Chang (2009). A portable broadband seismic network in Vietnam for investigating tectonic deformations, the earth's interior and experimentation for earthquake and tsunami early warning, *J. Asian Earth Sci.*, doi:10.1016/j.jseae.2009.02.012 . (SCI)
18. Lee, C. P., N. Hirata, B. S. Huang, **W. G. Huang**, Y. B. Tsai (2009). Anomalous seismic attenuation along the plate collision boundary in southeastern Taiwan: Observations from a linear seismic array, *Bull. Seismol. Soc. Am.*, 99, 2662-2680, doi:10.1785/0120080302. (SCI)
19. **Huang. W. G.**, B. S. Huang, J. H. Wang, K. C. Chen, K. L. Wen, C. C. Liu, S. H. Tsao, Y. C. Hsieh, C. H. Chen (2010). Seismic observation in the metropolitan Taipei from the downhole network, *Terr. Atm. Ocean. Sci.*, 21, 615-625, doi:10.3319/TAO. 2009.12.11.03 (TH). (SCI)
20. Chen, K. C., B. S. Huang, **W. G. Huang**, J. H. Wang, K. H. Kim, S. J. Lee, Y. C. Lai , S. H. Tsao, C. H. Chen (2010). A blind normal fault beneath the Taipei basin in northern Taiwan, *Terr. Atm. Ocean. Sci.*, 21, 495-502, doi:10.3319/TAO. 2010.01.25.01 (TH). (SCI)
21. Huang, B. S., Y. L. Huang, S. J. Lee, C. H. Chen, K. C. Chen, **W. G. Huang**, S. H. Tsao (2010). Array observations for long-period basin ground motions in Taipei region during the M 7.1 eastern Taiwan offshore earthquake of 31 March 2002. *Terr. Atm. Ocean. Sci.* , 21, 477-484, doi:10.3319/TAO. 2009.11.17.02 (TH). (SCI)
22. Lee, C. P., N. Hirata, B. S. Huang, **W. G. Huang**, Y. B. Tsai (2010). Evidence of high seismic attenuation across an aseismic zone in the active collision orogeny of Taiwan, *Tectonophysics*, 489, 128-138. (SCI)
23. Huang, Y. C., Yao, H., Huang, B. S., van der Hilst, R. D., Wen, K. L., **Huang, W. G.**, and Chen, C. H. (2010). Phase Velocity Variation at Periods of 0.5-3.0 Seconds in the Taipei Basin of Taiwan from Correlation of Ambient Seismic Noise, *Bull. Seismol. Soc. Am.*, 100(5A), 2250-2263, doi:10.1785/0120090319. (SCI)
24. Le M. N., T. L. Lin, Y. M. Wu, B. S. Huang, C. H. Chang, **W. G. Huang**, T. S. Le and D. V. Toan (2011). The first M_L scale for North of Vietnam, *J. Asian Earth Sci.*, 40, 279-286.
25. Wang, J. H., K. C. Chen, S. J. Lee and **W. G. Huang** (2011). The 15 April 1909 Taipei Earthquake. *Terr. Atm. Ocean. Sci.*, 22, 91-96. (SCI)
26. Huang, B. S., P. F. Chen, Y. L. Huang, **W. G. Huang**, and C. C. Liu (2011). Investigation of T-Wave Propagation in the Offshore Area East of Taiwan from Early Analog Seismic Network Observations, *Terr. Atm. Ocean. Sci.*, 22, 383-391. (SCI)
27. Lee, C. P., K. H. Kim, B. S. Huang, **W. G. Huang** (2011). Seismicity, active faults, stress patterns, and rupture processes in the Hualien region, Taiwan, investigated using the 1990 Hualien earthquake sequence, *Tectonophysics*, 511, 27-37. (SCI)
28. Wu, Y. M., Y. M. Lin, C. H. Chen, C. H. Chang, H. H. Hwang, C. H. Lin, B. S. Huang and **W. G. Huang** (2011). A study of tomography and seismicity in Tatun volcano geothermal regions and its structural applications, *Western Pacific Earth Sciences*, 11, 65-82.
29. Le M. N., T. L. Lin, Y. M. Wu, B. S. Huang, C. H. Chang, **W. G. Huang**, T. S. Le, Q. C. Nguyen and V. Toan (2012). The first peak ground motion attenuation relationships for North of Vietnam, *J. Asian Earth Sci.*, 43, 1, 241-253. (SCI)
30. Wang, J. H., K. C. Chen, S. J. Lee, **W. G. Huang**, Y. H. Wu, P. L. Leu (2012) The frequency distribution of inter-event times of $M \geq 3$ earthquakes in the Taipei metropolitan area during 1973-2010. *Terr. Atm. Ocean. Sci.*, 23, 3269-3281. (SCI)
31. Wang, J. H., K. C. Chen, S. J. Lee, **W. G. Huang**, P. L. Leu (2012). Flucation analyses of $M \geq 3$ earthquake sequences in the Taipei Metropolitan Area. *Terr. Atm. Ocean. Sci.*, 23, 633-645. (SCI)
32. Lin, C. J., **W. G. Huang**, H. P. Huang, Huang, B. S. Huang, C. S. Ku and C. C. Liu (2012) Investigation of array-derived rotation in TAIPEI 101, *J. Seismology*, doi: 10.1007/s10950-012-9306-7. (SCI)

33. Chen, K. C., J. H. Wang, B. S. Huang, C.C. Liu, and **W. G. Huang** (2012) Vibrations of the TAIPEI 101 Skyscraper Caused by the 2011 Tohoku Earthquake, Japan, *Earth, Planets and Space*, 64, 1277-1286. (SCI)
34. Chen, K. C., J. H. Wang, B. S. Huang, C. C. Liu and **W. G. Huang** (2013). Vibrations of the TAIPEI 101 Skyscraper Induced by the 2010 Typhoon Fanapi, *Terr. Atm. Ocean. Sci.*, 24, 1-10. (SCI)
35. Lee, S. J., W. T. Liang, C. Y. Lu, **W. G. Huang** and B. S. Huang (2013). Source complexity of the 4 March 2010 JiaSian Taiwan, earthquake determined by joint inversion of teleseismic and near field data, *J. Asian Earth Sci.*, 64, 14-26. doi: j.jseaes.2012.11.018. (SCI)
36. **Huang, W. G.**, B. S. Huang, C. P. Lee (2013). Static stress drop inferred from near-fault parameters for the 1999 Chi-Chi earthquake in Taiwan, *J. Asian Earth Sci.*, doi:10.1016/j.jseaes.2012.12.009, 64, 151-157. (SCI)
37. Huang, B. S., C. Y. Chien, D. David Okaya, S. J. Lee, Y. C. Lai, F. T. Wu, W. T. Liang, and **W. G. Huang** (2013). Multiple diving waves and high-velocity gradients in the western Taiwan Coastal Plain—an investigation based on the TAIGER experiment, *Bull. Seismol. Soc. Am.*, 103, 925-935. (SCI)
38. Huang, B. S., M. H. Shih, Y. C. Lai, K. C. Chen, **W. G. Huang** and C. C. Liu (2013). Observations of earthquake-generated T-waves in the South China Sea: possible applications in regional seismic monitoring, *Terr. Atm. Ocean. Sci.*, 24, 19-29. (SCI)
39. Wang, J. H., K. C. Chen, **W. G. Huang**, K. H. Chang, J. C. Wang, P. L. Leu (2014).
Multifractal measures of $M \geq 3$ shallow earthquakes in the Taipei metropolitan area, *Terr. Atm. Ocean. Sci.*, 25, 17-26. (SCI)
40. Shih M. H., B. S. Huang, L. P. Zhu, H. Y. Yen, T. M. Chang, **W. G. Huang**, and C. Y. Wang (2014). Fault Orientation Determination for the 4 March 2008 Taoyuan Earthquake from Dense Near-Source Seismic Observations, *Terr. Atm. Ocean. Sci.*, 25, 637-654. Published: Oct. (SCI)
41. Chen, K. C., J. H. Wang, K. H. Kim, **W. G. Huang**, K. H. Chang, J. C. Wang, and P. L. Leu (2015) Morlet wavelet analysis of $ML \geq 3$ earthquakes in the Taipei metropolitan area, *Terr. Atmos. Ocean Sci.*, 26, 83-94. Published: April. (SCI)
42. C'edric P. Legendre, L. Zhao, **W. G. Huang**, B. S. Huang (2015). Anisotropic Rayleigh-wave phase velocities beneath northern Vietnam, *Earth, Planets and Space*, 10.1186/s40623-015-0193-3. Published: February. (SCI)
43. Hien Manh Nghiema, Nien-Yin Changa, **Gee Win Huang** (2019). Stress-strain and hysteretic damping formulations for 1D nonlinear site response analyses (submitted to Computers and Geotechnics).

Theses and Books

1. **Huang W. G.** (1986). The characteristics of microtremor in the SMART1 area, Lotung, Taiwan, M.S. Thesis, National Central University, Chung-Li, Taiwan, ROC, 101pp.
2. **Huang W. G.** (1999). The characteristics of seismic sources in the Chia-Nan area, Taiwan, Ph.D. Thesis, National Central University, Chung-Li, Taiwan, ROC, 136pp.
3. Wang, J. H., R. D. Hwang, B. S. Huang, K. C. Chen, **W. G. Huang** and T. M. Chang (2002).
The M_s 7.6, Taiwan, Earthquake of September 20, 1999, *Seismotectonics in Convergent Plate Boundary*, Eds. Y. Fujinawa and A. Yoshida, 319-324, by Terra Scientific Publishing Company.
4. 黃柏壽, 黃文紀 (2005)。巴基斯坦大地震-板塊碰撞的必然, 地質;第 24 卷,第 4 期,第 12-15 頁。
5. Huang, B. S., C. C. Liu, Eric Yen, W. T. Liang, Simon C. Lin, **W. G. Huang**, S. J. Lee and H. Y. Chen (2011). Academia Sinica, TW E-science to Assistant Seismic Observations for Earthquake Research, Monitor and Hazard Reduction Surrounding the South China Sea, *Managed Grids and Cloud Systems in the Asia-Pacific Research Community*, Eds. Eric Yen and Simon C. Lin, doi:10.1007/978-1-4419-6469-4_12, Springer US.

Conference Papers

1. Wen, K. L., Y. T. Yeh and **W. G. Huang** (1988). Effects of local geology on strong ground motions during the May 20, 1986 Hualien earthquake, *Proc. of the second workshop on strong motion arrays*, Taipei, ROC, 93-121.
2. Wen, K. L., Y. T. Yeh, **W. G. Huang** and S. C. Cheng (1989). Variation and propagation of seismic strong motions across the SMART1-LSST array, Proc.: EPRI/NRC/TPC Workshop on Seismic Soil-Structure Interaction Analysis Techniques Using Data from Lotung, Taiwan, 2, 22-1--22-20.
3. **Huang, W. G.** and Y. T. Yeh (1992). Ground response with different excitation levels, *The Fourth Taiwan Symposium in Geophysics*, 93-104.
4. Wang, J. H., R. D. Hwang, B. S. Huang, K. C. Chen, **W. G. Huang** and T. M. Chang (1999). The Ms 7.6 Chi-Chi, Taiwan, earthquake of September 20, 1999, *Proceedings of International Workshop on Seismotectonics at the Subduction*, 351-356.
6. **Huang, W. G.** (2000). Rise time and stress drop of the 1999 Chi-Chi, Taiwan earthquake, based on Brune's source model, *The eighth Taiwan Symposium in Geophysics*, 17-28.
7. Chen, K. C., B. S. Huang, J.H. Wang, **W. G. Huang**, T. C. Shin and C. F. Wu (2002). Enhanced ground motions due to large-amplitude Moho reflection in the Taipei basin, *The ninth Taiwan Symposium in Geophysics*, 87-88.
8. Huang, B. S., K. C. Chen, **W. G. Huang**, and Y. L. Huang (2002). Reconstructed ground motions in the northern Taiwan area during the M 7.1 eastern Taiwan offshore earthquake of 31 March 2002, *The ninth Taiwan Symposium in Geophysics*, 175-176.
9. Chen, K. C., B. S. Huang, and **W. G. Huang** (2003). Spatial variation of spectral ratios in the Taipei Basin, *The tenth Taiwan Symposium in Geophysics*, 361-363.
10. Huang B. S., K. C. Chen, **W. G. Huang** and Y. L. Huang (2004). Insight into earthquake source and wave propagation behaviors from dense seismic array observations, *International Conference in Commemoration of 5th Anniversary of the 1999 Chi-Chi Earthquake, Taiwan*, September 8-9, Howard International House.
11. **Huang W. G.**, K. C. Cheng, B. S. Huang, Leu Peih Lin, C. S. Chang and C. F. Wu (2004). The Taitung earthquake of December 10, 2003: Strong ground motion data and ground response, *The eleventh Taiwan Symposium in Geophysics*.
12. Chen, K. C., B. S. Huang, **W. G. Huang** (2005). Seismic activity in the Taipei basin and surrounding area, *Activities of Volcanic and Shanchiao fault Conference*, November 1, 11-20, Taipei, Taiwan.
13. Huang, B. S., K. C. Cheng Chen, **W. G. Huang**, C. C. Liu and S. J. Lee (2005). Seismic wave propagation and its surface amplifications of the Taipei Basin, *Activities of Volcanic and Shanchiao fault Conference*, November 1, 11-20, Taipei, Taiwan, 21-28.
14. **Huang, W. G.**, B. S. Huang, C. C. Liu, K. C. Cheng (2005). The 1st constructed broad-band downhole seismic station in Taipei Basin, *Activities of Volcanic and Shanchiao fault Conference*, November 1, 39-48, Taipei, Taiwan, 39-48.
15. Huang, B. S., **W. G. Huang**, L. C. Kuo, K. C. Chen, J. Angelier (2005). Strong motion array observation for the near source ground motions and its implications for earthquake rupture processes, *Geodynamics and Environment in East Asia International Conference and 5th Taiwan-France Earth Sciences Symposium*, 24-29 November, 2005, Taitung, Taiwan.
16. 黃柏壽，劉忠智，梁文宗，黃文紀 (2005)。臺灣寬頻地震網的現況與未來展望，交通部中央氣象局，物理海洋暨地體構造研討會論文集，第 75-79 頁。
17. 黃有志，Huajian Yao，黃柏壽，黃文紀，溫國樑，陳國誠 (2007)。利用背景雜訊探討台北盆地淺部地殼剪力波速度構造，2007 Taiwan Geosciences Assembly, May 15-18, Acer Aspire Park, Longtan, Taoyuan County, Taiwan.

18. 黃文紀，黃柏壽，陳國誠，劉忠智，曹恕中，陳棋炫 (2007)。大台北地區之微地動觀測，2007 Taiwan Geosciences Assembly, May 15-18, Acer Aspire Park, Longtan, Taoyuan County, Taiwan.
19. Ni, S. H., **W. G. Huang**, F. Y. Chen (2008). The application of AFMM aided system identification on ground vibration monitoring data analysis. *The 14th World Conference on earthquake engineering*, Oct.12 -17, 2005, Beijing, China, 1-8.
20. **Huang, W. G.**, C. J. Lin, C. S. Ku, B. S. Huang, Jeff Sheu (2012). Seismic instrumentation and structural response of TAIPEI 101 Tower (poster), *The 9th General Assembly of the ASC*, Sep. 16-20, 2012, Government Building, Ulaanbaatar, Mongolia, 47-50.
21. **Huang, W. G.**, C. L. Yang, T. C. Chi, B. S. Huang (2016). Recent Progress of Seismic Network in the Greater Taipei Metropolitan Area. The 11th Assembly of the ASC, 24 Oct.-2 Nov., 2016, Melbourne, Australia.

Technical Reports

1. **Huang, W. G.** and Y. T. Yeh (1987). The LSST array strong motion records of November 14, 1986 earthquake, Inst. of Earth Sciences, Academia Sinica, ASIES-8703, LSST-RR005.
2. **Huang, W. G.**, K. L. Wen and Y. T. Yeh (1988). Report on the computer programs for strong-motion data processing (in Chinese), Inst. of Earth Sciences, Academia Sinica, ASIES-CR8802.
3. **Huang, W. G.** and M. K. Hsu (1988). Report on the measurement of microtremors at the site of National Chiao-Tung Univ. (in Chinese), Inst. of Earth Sciences, Academia Sinica, ASIES-CR8811.
4. **Huang, W. G.** and Y. T. Yeh (1989). Report on the measurement of shear-wave velocity at the site of Junkung Marble Plant (in Chinese), Inst. of Earth Sciences, Academia Sinica, IES-CR-674.
5. **Huang, W. G.**, T. Y. Wang and Y. T. Yeh (1990). Report on the strong motion data of Taiwan in 1986 (in Chinese), No. 1, V. 2, IES-CR-706.
6. **Huang, W. G.**, T. Y. Wang and Y. T. Yeh (1990). Report on the strong motion data of Taiwan in 1986 (in Chinese), No. 2, V. 2, IES-CR-707.
7. Chiu, H. C., **W. G. Huang**, K. B. Ou, J. C. Shin and M. Y. Ho (1991). The investigations of seismic intensity and its form design (in Chinese), Seismology Center, Central Weather Bureau, No. 2, p. 58-63.
8. Hsu, M. K., and H. C. Chiu, M. C. Chen and **W. G. Huang** (1991). Digitization of analog seismograms using a low price scanner (in Chinese), Inst. of Earth Sciences, Academia Sinica, IES-CR-001, 70 pp.
9. Hsu, M. K., Y. T. Yeh, **W. G. Huang** and W. H. Liu ((1992). seismological observations around the Chenming Reservoir area (in Chinese), Inst. of Earth Sciences, Academia Sinica, 113 pp.
10. **Huang, W. G.**, J. Lee and Y. T. Yeh (1992). Report on the strong motion data of Taiwan from 1987 to 1989 (in Chinese), No. 2, V. 2, IES-CR92-010.
11. **Huang, W. G.**, Y. T. Yeh, W. H. Liu and J. F. Wen (1992). Report on the seismological observations around the Zenyitan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IES-CR92-010.
12. Wen, K. L., **W. G. Huang**, K. Z. Wu, K. W. Kei, K. S. Liu and Z. M. Huang (1992). The strong ground motion observations in Taipei basin (in Chinese), Seismology Center, Central Weather Bureau, p. 28-66.
13. Huang, B. S., **W. G. Huang**, P. L. Lwi and C. H. Hon (1993). Study of the energy magnitude in Taiwan region (I) (in Chinese), Seismology Center, Central Weather Bureau, No. 2, p. 162-178.
14. Wen, K. L., H. Y. Pen, **W. G. Huang**, K. W. Kei and C. B. Lin (1993). The strong ground motion observations in the urban area of Taipei (in Chinese), Seismology Center, Central Weather Bureau, No. 2, p. 24-34.
15. Yeh, Y. T., B. S. Huang, K. B. Ou and W. G. Huang (1993). The strong ground motion observations in the Chianan area (I) (in Chinese).

16. **Huang, W. G.**, C. C. Liu and Y. T. Yeh (1994). Strong-motion earthquake records on the 20 January, 1994, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER94-001.
17. **Huang, W. G.**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1994). Strong-motion earthquake records on the 5 June, 1994, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER94-002.
18. Tsai. C. C., Y. T. Yeh, B. S. Huang, **W. G. Huang**, S. W. Chen and J. C. Lin (1994). Simulations of strong ground motion in near source region (I) (in Chinese), 70 pp.
19. Yang, Y. C., **W. G. Huang**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1995). Strong-motion earthquake records on the 23 February, 1995, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER95-001.
20. Yang, Y. C., **W. G. Huang**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1995). Strong-motion earthquake records on the 1 May, 1995, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER95-002.
21. Yang, Y. C., **W. G. Huang**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1995). Strong-motion earthquake records on the 2 May, 1995, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER95-003.
22. **Huang, W. G.**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1996). Strong-motion earthquake records on the 7 October, 1995, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER96-001.
23. **Huang, W. G.**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1996). Strong-motion earthquake records on the 26 November, 1995, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER96-002.
24. Tsai. C. C., **W. G. Huang** (1996). Simulations of strong ground motion in the near source regime (III) (in Chinese), NSC85-2111-M-001-014, 90 pp.
25. **Huang, W. G.**, C. C. Liu, S. N. Cheng and Y. T. Yeh (1997). Strong-motion earthquake records on the 28 May, 1996, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER97-001.
26. **Huang, W. G.**, C. C. Liu and Y. T. Yeh (1998). Strong-motion earthquake records on the 17 July 1998, in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER98-001.
27. **Huang, W. G.**, C. C. Liu and Y. T. Yeh (1999). Final report of strong-motion earthquakes in LSST array, Hualien, Inst. of Earth Sciences, Academia Sinica, IESER99-001.
28. **Huang, W. G.**, T. Y. Ho and W. H. Liu (2000). Report on the seismological observations around the Yeongho Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2000-002, 170 pp.
29. **Huang, W. G.**, C. C. Liu and W. H. Liu (2000). LSST strong-motion records from the Chi-Chi Taiwan earthquake of 20 September 1999, Inst. of Earth Sciences, Academia Sinica, IESER2000-001.
30. **Huang, W. G.**, C. C. Liu and W. H. Liu (2000). LSST strong-motion records from the Taitung Taiwan earthquake of 1 November 1999, Inst. of Earth Sciences, Academia Sinica, IESER2000-002.
31. **Huang, W. G.**, C. C. Liu and W. H. Liu (2000). LSST strong-motion records from the Hualien Taiwan earthquake of 5 November 1999, Inst. of Earth Sciences, Academia Sinica, IESER2000-003.
32. Chiu, H. C., W. H. Liu, **Huang W. G.**, Y. Z. Zou, M. H. Kao and Y. Y. Wei (2000). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica.
33. Tsai. C. C., **W. G. Huang**, C. S. Zou, Y. H. Hwang, S. J. Hsu, T. Y. Ho, C. L. Wu, C. R. Lin and C. C. Liu (2000), Report on the seismological observations around the Liyutan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2000-003.
34. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw, M. H. Kao and Y. Y. Wei (2001). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica.

35. **Huang, W. G.**, T. Y. Ho, W. H. Liu and L. J. Yang (2001). Report on the seismological observations around the Yeongho Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2000-001, 60 pp.
36. **Huang, W. G.**, T. Y. Ho, W. H. Liu and L. J. Yang (2001). Report on the seismological observations around the Chinmein Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2000-002, 88 pp.
37. **Huang, W. G.**, C. C. Liu and W. H. Liu (2001). LSST strong-motion records from the Hualien Taiwan earthquake of 6 May 2000, Inst. of Earth Sciences, Academia Sinica, IESER2001-001.
38. **Huang, W. G.**, C. C. Liu and W. H. Liu (2001). LSST strong-motion records from the Nantou Taiwan earthquake of 10 June 2000, Inst. of Earth Sciences, Academia Sinica, IESER2001-002.
39. **Huang, W. G.**, C. C. Liu and W. H. Liu (2001). LSST strong-motion records from the Hualien Taiwan earthquake of 14 July 2000, Inst. of Earth Sciences, Academia Sinica, IESER2001-003.
40. **Huang, W. G.**, C. C. Liu and W. H. Liu (2001). LSST strong-motion records from the Hualien Taiwan earthquake of 10 September 2000, Inst. of Earth Sciences, Academia Sinica, IESER2001-004.
41. Tsai, C. C., **W. G. Huang**, C. S. Zou, Z. H. Pen, C. Y. Liu, T. Y. Ho, C. L. Wu, C. R. Lin and C. C. Liu (2001), Report on the seismological observations around the Liyutan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2001-006.
42. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw and Y. Y. Wei (2002). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, 46 pp.
43. **Huang, W. G.**, T. Y. Ho, W. H. Liu and L. J. Yang (2002). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2002-003, 31 pp.
44. **Huang, W. G.**, T. Y. Ho and L. J. Yang (2002). Report on the seismological observations around the Chinmien Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2002-004, 45 pp.
45. Tsai, C. C., **W. G. Huang**, C. S. Zou, C. S. Liu, T. Y. Ho, C. L. Wu, C. R. Lin and C. C. Liu (2002). Report on the seismological observations around the Liyutan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2002-006.
46. **Huang, W. G.** and W. H. Liu (2003). Report on the seismological observations around the Chinmien Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2003-02, 31 pp.
47. **Huang, W. G.** and K. Y. Lin (2003). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR2003-03, 22 pp.
48. Tsai, C. C., **W. G. Huang**, C. H. Liu, B. T. Chen, T. Y. Ho, C. C. Liu, C. R. Lin and Z. Y. Don (2003). Report on the seismological observations around the Chi-Chi Weir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200305, 43 pp.
49. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw and Y. Y. Wei (2003). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica.
50. **Huang, W. G.**, W. H. Liu, H. Tang and N. Tang (2004). Report on the seismological observations around the Chinmien Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200401, 45 pp.
51. **Huang, W. G.**, K. Y. Lin, H. Tang and N. Tang (2004). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200402, 52 pp.
52. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw and Y. Y. Wei (2004). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica.

53. **Huang, W. G.** and K. Y. Lin (2005). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200503, 52 pp.
54. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw and Y. Y. Wei (2005). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica.
55. **Huang, W. G.** and K. Y. Lin (2006). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200603, 53 pp.
56. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw and Y. Y. Wei (2006). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, 62 pp.
57. 黃柏壽、黃文紀、葉仁傑、陳國昌、陳燕玲(2006).台灣山區自由場強震站規畫、建置及資料收集分析，MOTC-CWB-95-E-05, 115-126.
58. Chiu, H. C., W. H. Liu, **Huang W. G.**, H. Z. Liaw and Y. Y. Wei (2007). Report on the seismological observations around the Zengwen Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica.
59. **Huang, W. G.** and K. Y. Lin (2007). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200702, 52 pp.
60. 黃柏壽、黃文紀、葉仁傑、何美儀、陳燕玲(2007).台灣山區自由場強震站建置及資料收集分析，MOTC-CWB-96-E-05, 123-142.
61. **Huang, W. G.** and K. Y. Lin (2008). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200802, 85 pp.
62. Liu, C. C., C. C. Tsai, **W. G. Huang**, T. Y. Ho, C. R. Lin (2008). Report on the seismological observations around the Chi-Chi Weir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200803.
63. **Huang, W. G.**, T. Y. Ho, G. S. Ku (2008). Seismic instruments calibration of Shih Kang Reservoir (in Chinese), Inst. of Earth Sciences, Academia Sinica.
64. 黃柏壽、黃文紀、葉仁傑、何美儀、陳燕玲(2008).台灣山區自由場強震站建置及資料收集分析，MOTC-CWB-97-E-05，123-170.
65. **Huang, W. G.** and K. Y. Lin (2009). Report on the seismological observations around the Yeongho-San Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200901, 45 pp.
66. Liu, C. C., C. C. Tsai, **W. G. Huang**, T. Y. Ho, C. R. Lin (2009). Report on the seismological observations around the Chi-Chi Weir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR200803.
67. **Huang, W. G.**, T. Y. Ho, G. S. Ku (2009). Seismic instruments calibration of Shih Kang Reservoir (in Chinese), Inst. of Earth Sciences, Academia Sinica.
68. 黃柏壽、黃文紀、葉仁傑、何美儀、陳燕玲、張振生 (2009).台灣山區自由場強震站建置及資料收集分析，MOTC-CWB-98-E-05, 109-134.
69. **Huang, W. G.** and K. Y. Lin (2010). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201001, 70 pp.
70. 黃柏壽、黃文紀、葉仁傑、史旻弘、何美儀、陳燕玲、王怡勝、張振生 (2010).台灣山區自由場強震站建置及資料收集分析，MOTC-CWB-99-E-05, 121-156.

71. **Huang, W. G.** and K. Y. Lin (2011). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201101, 67 pp.
72. 黃柏壽、黃文紀、葉仁傑、史旻弘、張振生、郭鎧紋、陳國昌(2011).台灣山區自由場強震站建置及資料收集分析，MOTC-CWB-100-E-01, 103-134.
73. **Huang, W. G.** and K. Y. Lin (2012). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201201, 34 pp.
74. 黃柏壽、黃文紀、葉仁傑、史旻弘、郭鎧紋、陳國昌、張振生(2012).台灣山區自由場強震網儀器安裝及資料收集分析，MOTC-CWB-101-E-01, 93-116.
75. **Huang, W. G.** and K. Y. Lin (2013). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201301, 74 pp.
76. 黃柏壽、黃文紀、葉仁傑、史旻弘、郭鎧紋、陳國昌、卓彥宇、王亞男(2013).台灣山區自由場強震網儀器安裝及資料收集分析，MOTC-CWB-102-E-01，97-119.
77. **Huang, W. G.** and K. Y. Lin (2014). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201401, 81 pp.
78. 黃柏壽、黃文紀、葉仁傑、呂佩玲、林柏佑、陳映菖、王亞男(2014). 臺灣山區自由場強震網儀器安裝及資料收集分析，MOTC-CWB-103-E-01，101-131. 79. 黃柏壽、黃文紀、葉仁傑、楊麗珍、呂佩玲、林柏佑、劉建麟、王亞男(2015). 臺灣山區自由場強震網儀器安裝及資料收集分析，MOTC-CWB-104-E-01，87-116.
80. **Huang, W. G.** and K. Y. Lin (2015). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201401, 36pp.
81. 黃柏壽、黃文紀、楊麗珍、蔡明哲、陳國昌、蕭文啟、李柏寬 (2016) 臺灣山區自由場強震站觀測效能分析研究，MOTC-CWB-105-E-04，249-266.
82. 黃柏壽、黃文紀、楊麗珍、蔡明哲、呂佩玲、林昭儀、楊世緯 (2017) 臺灣山區自由場強震站觀測效能分析研究，MOTC-CWB-106-E-05，247-284.
83. **Huang, W. G.** and K. Y. Lin (2018). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, IESCR201801, 99pp.
84. **Huang, W. G.** and K. Y. Lin (2020). Report on the seismological observations around the Yeongho-Shan Reservoir area, Taiwan (in Chinese), Inst. of Earth Sciences, Academia Sinica, 137pp.

Conference abstracts

1. **Huang, W. G.** and Y. T. Yeh (1991). The ground response to weak/strong motions, *IUGG XX General Assembly*, S7, 129.
2. Yeh, Y. T., T. C. Shin and **W. G. Huang** (1991). An intensive digital strong motion accelerograph network for seismological and engineering studies in Taiwan, *IUGG XX General Assembly*, S7, 131.
3. Yeh, Y. T., **W. G. Huang** and K. L. Wen (1991). Attenuation and site response in near distance, *EOS Trans.*, AGU. 72, 44, 339.
4. 溫國樑、黃柏壽、黃文紀、許明光、葉永田 (1991)。1990 年 12 月 1 花蓮地區地震之震災與地動特性，中國地質學會。

5. 溫國樑、黃文紀、葉永田、歐國斌、葉義雄 (1991)。1991 年 3 月 12 日台南地區地震之震災與強地動觀測，中國地質學會。
6. **Huang, W. G.** and B. S. Huang and Y. T. Yeh (1993). Observation of short period noise in Hualien area, *The Fifth Taiwan Symposium in Geophysics*, 27。
7. **Huang, W. G.** and Y. T. Yeh (1995). Geographic information system an application for seismic hazard analysis, *The seventh Taiwan Symposium in Geophysics*, 16.
8. **Huang, W. G.** and Y. T. Yeh (1995). Near-source ground motion in half space, *The seventh Taiwan Symposium in Geophysics*, 49.
9. Yeh, Y. T., and **W. G. Huang** (1997). The source parameters of the Tapu earthquake on December 15, 1993, south-eastern Taiwan, *IUGG XX General Assembly*, S14, 131.
10. Chiu, H. C., H. C. Huang, T. M. Chang, **W. G. Huang**, C. C. Tsai, B. S. Huang, K. C. Chen, R. D. Hwang and J. H. Wang (2000). The near-source strong ground motions from the Chi-Chi earthquake, *2000 Annual Meeting of the Geol. Soc. of China*, 52-54.
11. Chen, K. C., B. S. Huang, J. H. Wang, **W. G. Huang**, T. M. Chang, R. D. Hwang, H. C. Chiu, C. C. Tsai, Y. H. Yen, and W. Y. Cheng (2000). Aftershocks of the September 20, 1999, Chi-Chi earthquake sequence, *2000 Annual Meeting of the Geol. Soc. of China*, 55-56.
12. Hwang, R. D., J. H. Wang, B. S. Huang, K. C. Chen, **W. G. Huang**, T. M. Chang, H. C. Chiu and C. C. Tsai (2000). A study of source properties of The Chi-Chi earthquake from near-field seismograms, *2000 Annual Meeting of the Geol. Soc. of China*, 57-58.
13. **Huang, W. G.**, J. H. Wang, K. C. Chen, B. S. Huang, H. C. Chiu, C. C. Tsai, D. M. Chang and R. D. Hwang (2000). Source spectra of the near-fault seismogram, *2000 Annual Meeting of the Geol. Soc. of China*, 113-114.
14. **Huang, W. G.** (2002). Stress drop of the 1999 Chi-Chi, Taiwan earthquake, *2002 Western Pacific Geophysics Meeting*, Wellington, New Zealand, July 9-12, SE42A-12.
15. Liang, W. T., H. Kao, **W.G. Huang**, and C.C. Liu (2001). Introduction to the Data Management Center, Institute of Earth Sciences, Academia Sinica, Taiwan, *iSEAT Abstract*.
16. Huang, B. S., K. C. Chen, **W. G. Huang**, and Y. Huang (2002). Array Observations for Long-period Basin Ground Motions in the Taipei Region During the M 7.1 Eastern Taiwan Offshore Earthquake of 31 March 2002, *EOS Trans.*, AGU, S72D-04.
17. **Huang, W. G.** (2004). Variation of Seismic Strong Motions in Southeastern Taiwan, *2004 Western Pacific Geophysics Meeting*, Honolulu, Hawaii, August 16-20.
18. **Huang, W. G.**, B. S. Huang, K. C. Chen, S. J. Tsao, Y. C. Hsieh and C. X. Chen (2006). Seismic Observations in Taipei Basin, *2006 Annual Meeting of the Geol. Soc. of China*, MiaoLi, Taiwan, May 18-19.
19. Lee, C. P., B. S. Huang, **W. G. Huang** (2006). A study of seismicity in Hualien Area, Taiwan by using seismic records of the 13 December 1990 earthquake sequence, *2006 AGU Fall Meeting*, San Francisco, USA, December 11-15.
20. 李健平、黃柏壽、黃文紀 (2006)。利用臨時地震網研究 1990 年 12 月 13 日花蓮地震序列，九十五年度地球物理學會年會暨學術研討會，205。
21. Huang, B. S., C. C. Liu, Y. G. Chen, L. T. Son, W. T. Liang and **W. G. Huang** (2007). The Status of Portable Taiwan Broadband Seismic Array and Its Possible Contribution to Seismological Research in the South China Sea, *Taiwan Geosciences Assembly*, Acer Aspire Park, Longtan, Taoyuan County, Taiwan, May 15-18, 2007, U3-3B-03.
22. Lee, C. P., N. Hirata, B. S. Huang, and **W. G. Huang** (2007). Seismic attenuation under the eastern Central Mountain Range of Taiwan, *Japan Geosciences Union Meeting 2007*, Abstract T232-P007.
23. 李健平、黃柏壽、陳國誠、黃文紀、蔡義本 (2007)。利用 P 波走時殘差與震波共振主頻研究台北盆地沖積層厚度，2007 台灣地球科學聯合學術研討會，HZ-P-03, 87。

24. Wang, J. H., M. W. Huang, **W. G. Huang** (2007). Aspects of $M \geq 4$ earthquakes in the Taipei Metropolitan Area during 1973-2005, 2007 Taiwan Geosciences Assembly, May 15-18, Acer Aspire Park, Longtan, Taoyuan County, Taiwan.
25. Huang, Y. C., H. Yao, W. T. Liang, B. S. Huang, K. L. Wen, **W. G. Huang**, R. D. Van der Hilst (2008). Ambient seismic noise study in Taiwan for two different scale arrays, *2008 AGU Fall meeting*.
26. **Huang, W. G.**, B. S. Huang, J. H. Wang, K. C. Chen. (2008). Enhancement of Seismic Observation in the Taipei Metropolitan Area from the Downhole Network, *2008 Western Pacific Geophysics Meeting*, Cairns, Australia, July 27-August 1, S35A-06.
27. Huang, Y. C., H. Yao, B. S. Huang, K. L. Wen, **W. G. Huang**, R. D. Van der Hilst (2009). Phase velocity maps around 1 sec from ambient seismic noise study in the high artificial activity and small area Taipei Basin, 2009 Taiwan Geosciences Assembly, NCCU, Chiayi, Taiwan.
28. Huang, B. S., T. S. Le, C. C. Liu, D. V. Toan, **W. G. Huang**, Y. M. Wu, Y. G. Chen, W. Y. Chang (2009). Seismic Array Observations in Vietnam for investigating tectonic deformation of Southeast Asia and the Deep Earth's Interior, the 6th Annual Meeting of Asian Oceania Geosciences Society, 11-15 August, 2009 Suntec International Convention & Exhibition Centre, Singapore, SE55-A058.
29. Huang, Y. C., H. J. Yao, B. S. Huang, K. L. Wen, **W. G. Huang**, Robert D. van der Hilst, and C. H. Chen (2010). Phase velocity variation at periods 0.5-3 s in the Taipei Basin of Taiwan from correlation of ambient seismic noise. Western Pacific Geophysics Meeting, 22–25 June 2010, International Convention Center, Taipei, Taiwan.
30. **Huang, W. G.**, B. S. Huang, K. C. Chen, C. J. Lin, C. K. Ku, C. H. Chen, S. Tsao (2010). Borehole Broadband Recordings at the Taipei Metropolitan Area, Taiwan, Taipei. Western Pacific Geophysics Meeting, 22–25 June 2010, International Convention Center, Taipei, Taiwan, S33A-050.
31. Pan, Y.; Hung, S., Huang, B., **Huang, W** (2010). Multi-scale Finite-frequency Traveltime Tomography of the Lithospheric Structure Beneath North Vietnam, American Geophysical Union, Fall Meeting 2010.
32. Hung, S., Pan, Y., Huang, B., **Huang, W.**, Le, T., Dinh, V. (2011). Distinct Variations in Seismic Velocity Structure of the Crust and Upper Mantle across the Ailao Shan-Red River Shear Zone in Northern Vietnam, American Geophysical Union, Fall Meeting 2011.
33. **Huang, W. G.**, B. S. Huang, C. P. Lee (2013). Static stress drop inferred from near-fault parameters for the 1999 Chi-Chi earthquake in Taiwan. Knowledge For The Future: Joint Assembly of IAHS-IAPSO-IASPEI 2013, 22–26 July 2013, Gothenburg, Sweden.
34. **Huang, W. G.**, Chin-Shang Ku, Arnaldo A. Melosantos, Ponzch Colleen M. Alcones, Bor-Shouh Huang, Bartolome C. Bautista, Renato U. Solidum Jr., Ishmael C. Narag (2014). The Experiences of Seismic Observation in Philippines (oral), *The 10th General Assembly of the ASC*, Nov. 17-21, 2014, Dusit Thani Hotel, Makati City, Metro. Manila, Philippines, 70, asc2014-abs-154.
35. **Huang W. G.**, T. C. Chi, J. C. Yeh, B. S. Huang, C. H. Chang, C. L. Yang, P. L. Leu (2015). Establishment of seismic network in the Taiwan mountain area, the 26th General Assembly of the International Union of Geodesy and Geophysics, 26 June - 2 July, 2015, Prague Congress Center, IUGG-0245
36. **Huang, W. G.** and B. S. Huang (2017). Taiwan Mountain Seismic Network and Its Preliminary Implications in Earthquake Source Study. The 2nd World Multidisciplinary Earth Sciences Symposium (WWESS), Hotel Duo, 11-15 September, 2017, Prague, Czech Republic.
37. **Huang, W. G.** (2018). Characteristics of seismic source in the Taiwan Mountain Area. European Geosciences Union General Assembly 2018, 8–13 April 2018, Vienna, Austria. Vol. 20, EGU2018-2888.
38. Huang B. S. and **W. G. Huang** (2018). Observation and analysis of atmospheric explosions from seismic array and its natural hazard implications, European Geosciences Union General Assembly 2018, 8–13 April 2018, Vienna, Austria. Vol. 20, EGU2018-8642.

39. Nghia Cong Nguyen, Bor-Shouh Huang, Po-Fei Chen, Chin-Shang Ku, **Win-Gee Huang**, Bautista Bartolome C., Ishmael Narag, Sevilla Winchelle Ian, Melosantos Arnoldo (2018). Preliminary Constraints on the Crustal Thickness of Luzon Island, Philippines by Using P-to-S Wave Receiver Function. The AOGS 15th Annual Meeting, Hawaii Convention Centre (HCC), Honolulu, 3-8 Jun, 2018.
40. **Win-Gee Huang** (2019). Seismic Arrays in the Taipei Metropolis of Northern Taiwan. European Geosciences Union General Assembly 2019, 7-12 April 2019, Vienna, Austria. Vol. 21, EGU2019-2812.
41. **Win-Gee Huang** (2019). Seismic Ground Motion in the Taipei Metropolitan Area, Taiwan. The 27th IUGG General Assembly, 8-18 July 2019, Palais des Congrès, Montréal, Québec, Canada. S01p-377.

Last updated on September 14, 2020