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## 〔學　歷 Education〕

- 1980 : 臺灣師範大學物理系 學士
  B.S. : Dept. Physics, Nat'l Taiwan Normal Univ., 1980
- 1983 : 中央大學地球物理研究所 碩士
  M.S. : Inst. Geophysics, Nat'l Central Univ., 1983
- 1989 : 中央大學地球物理研究所 博士
  Ph.D. : Inst. Geophysics, Nat'l Central Univ., 1989

## 〔經　歷 Experiences〕

- 1980/09 - 1981/08 : 臺北市立格致國中 教師
- 1987/07 - 1989/07 : 中央研究院 地球科學研究所 助理研究員
  Assistant Research Fellow : Inst. Earth Sciences, Academia Sinica
- 1989/08 - 1997/03 : 中央研究院 地球科學研究所 副研究員
  Associate Research Fellow : Inst. Earth Sciences, Academia Sinica
- 1997/03 - 2018/07/25 : 中央研究院 地球科學研究所 研究員
  Research Fellow : Inst. Earth Sciences, Academia Sinica
- 2004/08 - 2008/08 : 中央研究院 地球科學研究所 副所長
  Deputy Director : Inst. Earth Sciences, Academia Sinica
- 2018/07/26 - 迄今 : 中央研究院 地球科學研究所 特聘研究員
  Distinguished Research Fellow : Inst. Earth Sciences, Academia Sinica

## 〔學會/榮譽 Affiliation / Award〕

- 中華民國地質學會 Geological Society Located in Taipei
- 中華民國地球物理學會 Chinese Taipei Geophysical Society
- 美國地震學會 Seismologic Society of America，SSA
- 美國地球物理聯盟 American Geophysical Union, AGU
- 2015/10/23 : 教育部第 59 屆學術獎
- 2019/05/16 : 中華民國地球物理學會傑出貢獻獎

## 〔著　作 Publication〕

***SCI articles:***

1. Huang, B. S. and Y. T. Yeh, 1992. Source geometry and slip distribution of the April 21, 1935 Hsinchu-Taichung,Taiwan Earthquake, Tectonophysics, 210, 77-90.
2. Huang, B. S., 1992. A program for two dimensional seismic wave propagation by the pseudo-spectrum method, Computers and Geosciences, 18, 2/3, 289-307.

3. Huang, B. S., T. L. Teng and Y. T. Yeh, 1995, Numerical modeling of acoustic fault-zone trapped waves, Bull. Seism. Soc. Am., 85, 1711-1717.
4. Huang, B. S., 1996, Investigation of the inner-outer core boundary structure from the seismograms of a deep earthquake recorded by a regional seismic array, Geophys. Res. Lett., 23, 209-212.
5. Huang, B. S., 1996, A Fortran 77 Program to compute seismic rays travelling inside a radially inhomogeneous earth, Computers and Geosciences, 22, 287-303.
6. Huang, B. S., T. L. Teng, C. C. Liu and T. C. Shin, 1996, Excitation of short-period surface waves in Taiwan by the Hyogo-ken Nanbu earthquake of January 17, 1995, J. Phys. Earth, 44, 419-427.
7. Huang, B. S. and Y. T. Yeh, 1997, The fault ruptures of the 1976 Tangshan earthquake sequence inferred from coseismic crustal deformation, Bull. Seism. Soc. Am., 87, 1046-1057.
8. Huang, B. S. and Y. T. Yeh, 1997, Effect of near fault terrain upon dislocation modeling, PAGEOPH, 150, 1-18.
9. Brudzinski, M. R., W. P. Chen, R. L. Nowack and B. S. Huang, 1997, Variation of P-wave speeds in the mantle transition zone beneath the Northern Philippine Sea, J. Geophys. Res., 102, 11815-11827.
10. Lin, C. H., Y. H. Yeh, H. Y. Yen, K. C. Chen, B. S. Huang, S. W. Roecker and J. M. Chiu, 1998, Three-dimensional elastic wave velocity structure of the Hualian region of Taiwan: Evidence of active crustal exhumation, Tectonics, 17, 89-103.
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12. Nowack, R. L., E. Ay, W. P. Chen, B. S. Huang, 1999, A seismic profile of the upper mantle along the southwestern edge of the Philippine Sea plate using short-period array data, Geophys. J. Int., 136, 171-179.
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14. Rau, R. J., W. J. Liang, H. Kao and B. S. Huang, 2000, Shear wave anisotropy beneath the Taiwan orogen, Earth Planet. Sci. Lett., 177, 177-192.
15. Huang, B. S., K. C. Chen, W. G. Huang, J. H. Wang, T. M. Chang, R. D. Hwang, H. C. Chiu and C. C. P. Tsai, 2000, Characteristics of strong ground motion across a thrust fault tip from the September 21, 1999, Chi-Chi, Taiwan earthquake, Geophys. Res. Lett., 27, 2729-2732.
16. Huang, B. S., 2000, Two-dimensional reconstruction of the surface ground motions of an earthquake: the September 21, 1999, Chi-Chi, Taiwan Earthquake, Geophys. Res. Lett., 27, 3025-3028.
17. Novikova, T., K. L. Wen and B. S. Huang, 2000, Amplification of gravity and Rayleigh waves in a layered water-soil model, Earth Planets Space, 52, 579-586.
18. Tseng, T. L., B. S. Huang, B. H. Chin, 2001, Depth-dependent attenuation in the uppermost inner core from the Taiwan short period seismic array PKP data, Geophys. Res. Lett., 28, 459-462.

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seismic array in Taiwan, J. Asian Earth Sci., 40, 762-769, doi:10.1016/j.jseaes.2010.10.020.

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