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研究領域：全球暖化及台灣環境變化、同位素水文學及  
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Specialty: Global Warming and Environmental Changes  
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in Taiwan; Isotope Geochemistry

### [ 學 歷 Education ]

- 美國夏威夷州立大學 地質及地球物理系 博士 (1978/08 至 1984/05)  
Ph.D., Marine Geology and Geophysics, Univ. Hawaii, (1978~1984)
- 私立中國文化學院 地質學系 學士 (1974/09 至 1976/06)  
B.S., Dept. Geology, College of Chinese Culture, (1974~1976)
- 省立台北工專 礦冶科探礦組 (1968/09 至 1971/06)  
Dept. of Mining & Metallurgy, Provincial Taipei Institute of Technology, (1968~1971)

### [ 經 歷 Experiences ]

- 中央研究院 環境變遷研究中心 合聘研究員 (2007/8/1 至 2010/7/31)  
Joint Research Fellow, Research Center for Environmental Changes, Academia Sinica
- 中央研究院 地球科學研究所 研究員(1990/10 - 2016/9/30) (兼副所長 1990/11 至 1993/07,  
1994/08 至 1996/07 ; 2013/9 至 2015/01 ; )  
Research Fellow, Inst. of Earth Sciences, Academia Sinica (Deputy Director 1990/11~1993/07,  
1994/08~1996/07, 2013/9 ~ 2015/1)
- 中央研究院 地球科學研究所 副研究員 (1984/07 至 1990/09)  
Associate Research Fellow, Inst. of Earth Sciences, Academia Sinica
- 私立中國文化學院 地質學系 助教 (1976/07 至 1978/05)  
Teaching assistant, Dept. Geology, College of Chinese Culture
- 國立政治大學心理學系 兼任教授 (2006/02 至 2006/07)  
Adjunct Professor, Dept. of Psychology, National Chengchi University
- 國立臺灣大學全球變遷研究中心 兼任研究員 (1999/08/01 至 2001/07/31 ; 2001/08/01 至  
2004/07/31)  
Adjunct Research Fellow, Global Change Research Center, National Taiwan University

- 國立中央大學水文及海洋科學研究所 兼任教授 (2009/08 至 2010/07)  
Adjunct Professor, Graduate Institute of Hydrological & Oceanic Sciences, National Central University

[ 學會會員 Affiliation ]

- 美國地球物理聯盟 American Geophysical Union
- 美國地球化學學會 The Geochemical Society
- 美國水資源學會 American Water Resources Association
- 國際水文科學協會 International Association of Hydrological Sciences
- 中國地質學會 The Geological Society of China
- 中國海洋科技學會 The Society of Marine Science and Technology R.O.C.
- 中國礦冶學會 The Chinese Institute of Mining and Metallurgical Engineers
- 中國貝類學會 The Malacological Society, R.O.C.

[ 著作 ]

**(A) PUBLICATIONS IN SCIENTIFIC JOURNALS AND BOOKS (REFEREED PAPERS)**

1. McMurtry, G.M., Wang, C.H., and Yeh, H.W., (1983) Chemical and isotopic investigations into the origin of clay minerals from the Galapagos hydrothermal mounds field. *Geochim. Cosmochim. Acta*, 47:475-489.
2. Wang, C.H. and Yeh, H.W., (1984) Oxygen isotopic analysis of marine diatoms. *Bull. Inst. Earth Sci., Academia Sinica*, 4:131-140.
3. Wang, C.H. and Yeh, H.W., (1984) Water in biogenic silica and its effects on oxygen isotope values. *Bull. Inst. Earth Sci., Academia Sinica*, 4:141-147.
4. Wang, C.H. and Yeh, H.W., (1984) The Quaternary oxygen isotope records in marine sediments. *Mem. Geol. Soc. China*, 6:281-293.
5. Wang, C.H. and Yeh, H.W., (1985) Oxygen isotopic compositions of DSDP Site 480 diatoms: Implications and applications. *Geochim. Cosmochim. Acta*, 49:1469-1478.
6. Wang, C.H., Chen, J.C. and Liu, K.K., (1985) Stable isotope records from Holocene deep-sea sediments off northeastern Taiwan. *Bull. Inst. Earth Sci., Academia Sinica*, 5:59-66.
7. Wang, C.H., Chen, M.P., Lo, S.C. and Wu, J.C., (1986) Stable isotope records of late Pleistocene sediments from the South China Sea. *Bull. Inst. Earth Sci., Academia Sinica*, 6:185-195.
8. Wang, C.H., Yu, E.F., Shen, S.C., Huang, Z.Y. and Chen, J.C., (1987) Rates of sedimentation in the Philippine Sea. *Proc. Natl. Sci. Counc. ROC(A)*, 11:197-202.
9. Wang, C.H. and Huang C.Y., (1987) Oxygen and carbon isotope records in the coral *Favia speciosa* of the Nanwan Bay, southern Taiwan. *Acta Oceanogra. Taiwanica*, 18:150-157.
10. Wang, C.H. and Chen, J.C., (1988) Oxygen and carbon isotopes of planktonic foraminifera in core LEG 4-6 from the southern Okinawa Trough. *Proc. Geol. Soc. China*, 31:219-225.
11. Wang, C.H. and Huang, C.Y., (1989) The eleven-year isotopic records in the coral *Favia speciosa* of the Nanwan Bay, southern Taiwan. *Acta Oceanographic Taiwanica*, 24:96-107.

12. Wang, C.H. and Burnett, W.C., (1990) Holocene mean uplift rates across active plate collision boundary in Taiwan. *Science*. 248:204-206.
13. Wang, C.H. and Chen, M.P., (1990) Late Pleistocene oxygen and carbon isotopic changes of core SCS-15B at the South China Sea. *J. Southeast Asian Earth Sciences*. 3:243-246.
14. Wang, C.H. and Peng, T.R., (1990) The oxygen and carbon isotopic records of mollusks in the Kuokang Shell Bed, Taiwan: implications and applications. *Palaeogeogr., Palaeoclimat., Palaeoecol.*, 80:237-244.
15. Wang, C.H. and Peng, T.R., (1990) Oxygen and carbon isotopic records in shells of *Cyclotellina remies*, *Meretrix lusoria* and *Pecten byritzsuensis*. *Bull Malacol. R.O.C.*, 15:49-58.
16. Wang, C.H., Peng, T. R, and Chen, P. F., (1991) Oxygen and carbon isotopic compositions of mollusks from the Late Pleistocene Szekou Formation, southern Taiwan. *Proc. Natl. Sci. Council. ROC(A)*, 15(5):455-464.
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19. Hein, J.R., Yeh, H.W., Gunn, S.H., Sliter, W.V., Benninger, L.M. and Wang, C.H., (1993) Two major Cenozoic episodes of phosphogenesis recorded in equatorial Pacific seamount deposits. *Paleoceanography*, 8(2):293-311.
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42. Liu, S.C., Wang, C.H., Shiu, C.J. and Chang, H.W., (2000) Fossil fuels and their environmental impacts in Taiwan. *Jour. Solar Energy* , 5(1):62-68.
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47. Kuo, C.H. and Wang, C.H. (2001). Implication of seawater intrusion on the delineation of the hydrogeologic framework of the shallow Pingtung Plain aquifer. *Western Pacific Earth Sciences*, 1(4):459-471.(NSC88AIA0100283)
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75. Wang, C.H., Lin, W.Z., Peng, T.R. and Tsai, H.C., (2008) Temperature and hydrological variations of the urban environment in the Taipei metropolitan area, Taiwan. *STOTEN (Sciences of Total Environmental)*, 404:393-400 DOI: 10.1016/j.scitotenv.2008.04.020.
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