



簡國童 副教授

(Ph.D., Texas A&M University, USA)

電子信箱：ktjiann@fac.nsysu.edu.tw

連絡電話：886-7-5252000 ext. 5160

研究專長：微量元素生地化學、自然樣品的微量分析，河口和近海
重金屬地球化學

研究領域：淡水到海洋環境的微量元素的分佈和作用

Selected recent publications :

1. **Jiann, K.-T.**, Wang, K.-C. and Wen, L.-S. (2021) Trace metal distributions and fluxes in the Taiwan Strait. *Estuarine, Coastal and Shelf Science*, 259, 107485.
<https://doi.org/10.1016/j.ecss.2021.107485>
2. **Jiann, K.-T.**, Wen, L.-S., & Wei, C.-L. (2014) Spatial and temporal distribution of trace metals (Cd, Cu, Ni, Pb, and Zn) in near-shore waters off the west coast of Taiwan. *Terrestrial, Atmospheric and Oceanic Sciences*, 25, 121-135. [DOI: 10.3319/TAO.2013.09.13.01\(Oc\)](https://doi.org/10.3319/TAO.2013.09.13.01(Oc))
3. **Jiann, K.-T.**, Santschi, P.H., & Presley, B.J. (2013) Relationships between geochemical parameters (pH, DOC, SPM, EDTA concentrations) and trace metal (Cd, Co, Cu, Fe, Mn, Ni, Pb, Zn) concentrations in river waters of Texas (USA). *Aquatic Geochemistry*, 19, 173-193.
<https://doi.org/10.1007/s10498-013-9187-6>
4. **Jiann, K.-T.** & Wen, L.-S. (2012) Distribution and lability of dissolved iron in surface waters of marginal seas in southeastern Asia. *Estuarine, Coastal and Shelf Science*, 100, 142-149.
<https://doi.org/10.1016/j.ecss.2012.01.006>
5. **Jiann, K.-T.** & Wen, L.-S. (2009) Intra-annual variability of distribution patterns and fluxes of dissolved trace metals in a subtropical estuary (Danshuei River, Taiwan). *Journal of Marine Systems*, 75, 87-99. <https://doi.org/10.1016/j.jmarsys.2008.08.002>