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Title: Associate Professor

Field of study: Biogeochemistry of sediments in rivers and coastal zones

Education:

1998: Campbell University, USA @ Kolej Tunku Abdul Rahman, Malaysia, BSc.

2001: Universiti Malaysia Sarawak, Malaysia, MSc.

2005: Open University, UK @ Scottish Association for Marine Science, Scotland, UK, PhD.



Work experience:

2005.5 to 2007.7: Universiti Tunku Abdul Rahman, Kuala Lumpur, Malaysia, Lecturer.

2007.9 to 2010.7: National Sun Yat-sen University, Kaohsiung, Taiwan, Postdoctoral Fellow.

2011.2 to 2012.8: York University, Toronto, Canada, Postdoctoral Fellow.

2012.10 to 2012.12: Ocean College, Zhejiang University, Hangzhou, China, Lecturer.

2013.1 to date: Ocean College, Zhejiang University, Hangzhou, China, Associate Professor.

Publications:

1. Lau Seng* and **Loh Pei Sun**. (2001). Environmental biomonitoring: the possibility of using preserved biological specimen. *The Malaysian Journal of Analytical Sciences* 7 (2), 323-326.
2. **Loh P. S.**, Reeves A. D.*, Overnell J., Harvey S. M., Miller A. E. J. (2002). Assessment of terrigenous organic carbon input to the total organic carbon in sediments from Scottish transitional waters (sea lochs): methodology and preliminary results. *Hydrology and Earth System Sciences* 6 (6), 959-970.
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7. **Pei Sun Loh***, Chen-Tung Arthur Chen, Gusti Z. Anshari, Jough-Tai Wang, Jiann-Yuh Lou, Shu-Lun Wang. (2012). A comprehensive survey of lignin geochemistry in the sedimentary organic matter along the Kapuas River (West Kalimantan, Indonesia). *Journal of Asian Earth Sciences* 43, 118-129.

8. **Pei Sun Loh***, Chen-Tung Arthur Chen, Jiann-Yuh Lou, Gusti Z. Anshari, Houng-Yung Chen, Jough-Tai Wang. (2012). Comparing lignin-derived phenols, $\delta^{13}\text{C}$ values, OC/N ratio and ^{14}C age between sediments in the Kaoping (Taiwan) and the Kapuas (Kalimantan, Indonesia) Rivers. *Aquatic Geochemistry* 18, 141-158 doi 10.1007/s10498-011-9153-0.
9. **Pei Sun Loh**, Lewis A. Molot*, Gertrud K. Nürnberg, Susan B. Watson, Brian Ginn. (2013). Evaluating relationships between sediment chemistry and anoxic phosphorus and iron release across three different water bodies. *Inland Waters* 3, 105-118.
10. Gertrud K. Nürnberg*, Bruce D. LaZerte, **Pei Sun Loh**, Lewis A. Molot. (2013). Quantification of internal phosphorus loading in large, partially polymictic and mesotrophic Lake Simcoe, Ontario. *Journal of Great Lakes Research*, 39 (2), 271-279.
11. Fanglu Xu, Zhongqiang Ji, Kui Wang, Haiyan Jin, **Pei Sun Loh***. (2016). The distribution of sedimentary organic matter and implication of its transfer from Changjiang Estuary to Hangzhou Bay, China. *Open Journal of Marine Science* 6, 103-114.
12. Fanglu Xu, Haiyan Jin, Zhongqiang Ji, Jianfang Chen, **Pei Sun Loh***. (2017). Sources and distribution of sedimentary organic matter along the northern Bering and Chukchi Seas. *Journal of Environmental Sciences* 52, 66-75.
13. **Pei Sun Loh***, Chen-Tung Arthur Chen, Gusti Z. Anshari, Jiann-Yuh Lou, Jough-Tai Wang, Shu-Lun Wang, Bing-Jye Wang. (2016). Sedimentary organic matter and phosphate along the Kapuas River (West Kalimantan, Indonesia). *Journal of Chemistry*, Volume 2016, Article ID 6874234, 9 pages, <http://dx.doi.org/10.1155/2016/6874234>.
14. Aimin Jin, Lin Yang, Xue-Gang Chen, **Pei-Sun Loh**, Zhanghua Lou, Gang Liu, Shilei Ji (2016): Ecological risk and contamination history of heavy metals in the Andong tidal flat, Hangzhou Bay, China, *Human and Ecological Risk Assessment: An International Journal*, DOI:10.1080/10807039.2016.1263541.
15. Hong-Wei Yuan, Jian-Fang Chen, Ying Ye, Zhang-Hua Lou, Ai-Min Jin, Xue-Gang Chen, Zong-Pei Jiang, Yu-Shih Lin, Chen-Tung Arthur Chen, **Pei Sun Loh***. (2017). Sources and distribution of sedimentary organic matter along the Andong salt marsh, Hangzhou Bay. *Journal of Marine Systems* 174, 78-88.