

Curriculum Vitae

Name: Lee Choon Weng

Date of Birth: 10 Aug 1970

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Affiliation: Institute of Biological Sciences, Faculty of Science, University of Malaya
Institute of Ocean and Earth Sciences, University of Malaya

Position: Associate Professor

Education **1998–2001:** Doctor of Philosophy (Marine Chemistry) at Hokkaido University

1994–1998: Master of Science (Environmental Microbiology) at University Malaya

1990–1993: Bachelor of Science (Microbiology) at University Malaya

Research field: Marine microbiology, Microbial Ecology, Marine Biogeochemistry

Current research interest: Elucidating the microbial food web interactions in tropical coastal waters;

Determining the drivers of *Vibrio* dynamics and *Vibrio* community structure in tropical coastal waters;

Investigating the relationship among faecal pollution indicators and their relevance in a changing environment

SELECTED PEER-REVIEWED PUBLICATIONS

21. Lim JH, Lee CW, Bong CW, Affendi YA, Hii YS, Kudo I (2018) Distribution of particulate and dissolved phosphorus in aquatic habitats of Peninsular Malaysia. *Marine Pollution Bulletin* 128: 415-427
20. Lim JH, Lee CW (2017) Effects of eutrophication on diatom abundance, biovolume and diversity in tropical coastal waters. *Environmental Monitoring and Assessment* 189: 432
19. Heng PL, Lim JH, Lee CW (2017) *Synechococcus* production and grazing loss rates in nearshore tropical waters. *Environmental Monitoring and Assessment* 189: 117
18. You KG, Bong CW, Lee CW (2016) Antibiotic resistance and plasmid profiling of *Vibrio* spp. in tropical waters of Peninsular Malaysia. *Environmental Monitoring and Assessment* 188: 15
17. Lim JH, Lee CW, Kudo I (2015) Temporal variation of phytoplankton growth and grazing loss in the west coast of Peninsular Malaysia. *Environmental Monitoring and Assessment* 187: 246
16. Lim JH, Lee CW (2015) Short-timescale variation of phytoplankton abundance and diversity at Redang island. *Malaysian Journal of Science* 34(1): 2-7
15. Saw SY, Lee CW, Bong CW (2015) Archaeal community structure in tropical coastal waters of Peninsular Malaysia. *Annals of Microbiology* 65: 2029-2039
14. Lee SW, Lee CW, Bong CW, Narayanan K, Sim EUH (2015) The dynamics of attached and free-living bacterial population in tropical coastal waters. *Marine and Freshwater Research* 66: 701-710
13. Lee CW, Heng PL (2014) Investigating culturable Gram positive cocci from the surface of mobile phones with different form factors. *Malaysian Journal of Science* 33(2): 1-6
12. Vijayan M, Lee CW (2014) Seasonality and diversity of culturable vibrios in tropical coastal waters. *Bulletin of Marine Science* 90(2): 599-610
11. Tan KW, Lee CW (2014) Long-term and short-term variation of *Escherichia coli* population structure in tropical coastal waters. *International Journal of Environmental Science and Technology* 11: 711-718
10. Lee CW, Lim JH, Heng PL (2013) Investigating the spatial distribution of phototrophic picoplankton in a tropical estuary. *Environmental Monitoring and Assessment* 185: 9697-9704
9. You KG, Bong CW, Lee CW (2012) Antimicrobial resistance in bacteria isolated from tropical coastal waters of Peninsular Malaysia. *Malaysian Journal of Science* 31(2): 111-120
8. Lee CW, Bong CW (2012) The relative importance of viral lysis and grazing towards bacterial mortality in tropical coastal waters of Peninsular Malaysia. *Bulletin of Marine Science* 88(1): 1-14
7. Bong CW, Lee CW (2011) The contribution of heterotrophic nanoflagellate grazing towards bacterial mortality in tropical waters: Comparing estuaries and coastal ecosystems. *Marine & Freshwater Research* 62: 414-420
6. Lee CW, Ng AYP, Bong CW, Narayanan K, Sim EUH, Ng CC (2011) Investigating the decay rates of *Escherichia coli* relative to *Vibrio parahaemolyticus* and *Salmonella* Typhi in tropical coastal waters. *Water Research* 45: 1561-1570
5. Lee CW, Bong CW, Hii YS (2009). Temporal variation of bacterial respiration and growth efficiency in tropical coastal waters. *Applied and Environmental Microbiology* 75(24): 7594-7601
4. Bong CW, Lee CW (2008). Nearshore and offshore comparison of marine water quality variables measured during SESMA 1. *Malaysian Journal of Science* 27(3): 25–31
3. Lee CW, Bong CW, Ng CC, and Alias SA (2006) Factors affecting variability of heterotrophic and phototrophic microorganisms at high water in a mangrove forest at Cape Rachado, Malaysia. *Malaysian Journal of Science* 25(2): 55–66
2. Bong CW, and Lee CW (2005) Microbial abundance and nutrient concentration in riverine and coastal waters of North-East Langkawi. *Malaysian Journal of Science* 24: 29–35
1. Lee CW (2003) The effects of thermal effluent on marine diatoms and bacteria. *Malaysian Journal of Science* 22: 23–27