

YAP CHEE KONG

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EXPERTISE

Ecotoxicology

Assoc. Prof. Dr. Yap Chee Kong is an expertise involves heavy metal ecotoxicological studies using sediment and intertidal mollusks in Malaysia. His work on the green-lipped mussel *Perna viridis* is one of the most comprehensive ecotoxicological work done so far in Malaysia. He is an active researcher and currently he has published 130 peer-reviewed scientific papers from 2002 until April 2010. Among these peer-reviewed papers, more than 60 of them are now cited in Scopus with more than 150 citations. Currently, he is also one of the Editorial Board Members for Pertanika Journal of Tropical Agricultural Science, Asian Journal of Biotechnology, Microbiology and Environmental Sciences and Research Journal of Chemistry and Environment. He has been frequently invited as one of the referees for re-search journals and he has so far reviewed 30 cited papers and 47 noncited papers. His biography has also appeared in Marquis Who's Who in the World. Major sponsors of Yap's research include the ScienceFund (Ministry of Science and Innovation of Malaysia (MOSTI), Research University Grant Scheme (RUGS) and Fundamental Research Grant Scheme (FRGS).

CURRENT RESEARCH INTEREST:

- Background levels of heavy metals in the dusts collected from major cities in Peninsular Malaysia.
- Distribution of heavy metals in the different soft tissues of bivalves: Future biotechnological tools for biomonitoring studies.
- Identification of suitable organs/materials in the intertidal mollusks as biomonitoring organs/tools for heavy metal pollution in the Malaysian intertidal area.
- Molecular genetic polymorphisms and heavy metal concentrations in horse shoe crabs of Peninsular Malaysia.
- Identification of diagnostic DNA microsatellite markers for heavy metal pollution in the biomonitoring agent, the green-lipped mussel *Perna viridis*.

LINK TO POSTGRADUATE FIELD OF STUDY:

ADDITIONAL INFORMATION: