Prof. Dr. Chee Kong Yap

https://orcid.org/0000-0003-0317-0999

Also known as

Professor in Ecotoxicology and Biology

Websites & Social Links

https://profile.upm.edu.my/yapchee (https://profile.upm.edu.my/yapchee)

Country

Malaysia

Keywords

Heavy metals, Bivalves, Biomonitoring, Environmental Biology, Environmental Pollution

Other IDs

ResearcherID: N-1318-2015 (http://www.researcherid.com/rid/N-1318-2015)

Scopus Author ID: 57007806600 (http://www.scopus.com/inward/authorDetails.url?authorID=57007806600&partnerID=MN8TOARS)

Loop profile: 1240091 (http://loop.frontiersin.org/people/1240091/overview?referrer=orcid_profile)

SciProfiles: 767689 (https://sciprofiles.com/profile/767689)

Biography

Prof. Yap has been working as a full professor at Universiti Putra Malaysia (UPM) since 2021. Prof. Yap has been an academician for more than 21 years at UPM and 26 years as a researcher. Prof Yap has supervised more than 85 undergraduates and 30 postgraduate students in the fields of ecotoxicology, environmental biology, environmental sciences, water quality and ecotoxicological genetics. Prof. Yap has published more than 380 papers in refereed academic journals, 5 books (three published in NOVA Science Publishers, USA) and 35 book chapters. Until February 2024, 252 of them have been indexed in Elsevier's Scopus with an H-index of 34 (>3800 citations). Prof Yap has also been invited as an honorary Editorial Board member for more than 50 international academic journals. Prof Yap has been an invited visiting researcher at National Institute of Environmental Studies, Tsukuba (Japan). Nationally, Prof Yap has been officially appointed as an Adjunct Professor at the INTI International University Malaysia. Internationally, Prof. Yap has been officially appointed as a Visiting Professor at Kobe University (Japan).

Employment (1)

Universiti Putra Malaysia: Serdang, Selangor, MY

2021 to present | Professor (Department of Biology)

Employment

Source: Prof. Dr. Chee Kong Yap

Education and qualifications (1)

Universiti Putra Malaysia: Serdang, Selangor, MY

2003 to present | PhD (Ecotoxicology/Environmental Biology)

Education

Source: Prof. Dr. Chee Kong Yap

Invited positions and distinctions (5)

Kobe University, Japan: Hyogo, Japan, JP
2022-12-01 to present | Visiting Professor (Research Center for Inland Seas, Kobe University, Japan)
Invited position
Source: Prof. Dr. Chee Kong Yap

IAAM: Sweden, SE
2022-06 | International Advanced Materials (IAAM) Medal in recognition for his contribution to “Chemical Safety and Sust ainability”
Distinction
Source: Prof. Dr. Chee Kong Yap

World’s Top 2% Scientists (The Career Achievement). : Standard University's Researcher, US
2022 | World’s Top 2% Scientists (The Career Achievement)
Distinction
Source: Prof. Dr. Chee Kong Yap

International Research and Development Centre for Publication (IRDCP), : India, IN
2022 | ‘Award for Outstanding Contribution to Education’
Distinction
Source: Prof. Dr. Chee Kong Yap

INTI International University: Kampung Baharu Nilai, Nilai, MY
2022-06-01 to 2024-05-31 | Adjunct Professor (Faculty of He alth & Life Sciences, INTI International University)
Invited position
Source: Prof. Dr. Chee Kong Yap

Membership and service (5)

International Development Research Centre: India, India, IN
2022-08 to present | FELLOW MEMBER
Membership
Source: Prof. Dr. Chee Kong Yap

Japanese Society of Toxicology: Tokyo, JP
2022-06 to present | Member
Membership
Source: Prof. Dr. Chee Kong Yap

Universal Wiser Publisher: Singapore, SG
2021-08 to present | Co Editor in Chief (Journal Food Scienc
e Engineering)
Service
Source: Prof. Dr. Chee Kong Yap

International Society for Development and Sustainability (ISDS): Tokyo, JP
2021 to present | Lifetime Fellow Member
Membership
Source: Prof. Dr. Chee Kong Yap

Japan Society on Water Environment: Tokyo, Tokyo, JP
2022 to 2025 | International Associate Member
Membership
Source: Prof. Dr. Chee Kong Yap

Works (254 of 254)

A preliminary study of direct observation and selected water quality monitoring in Putrajaya Lake: the status between October-December 2022
International Journal of Sustainable Energy and Environmental Research
2024-03-21 | journal-article
DOI: 10.18488/13.v13i1.3682
Source: Crossref

Copper in Commercial Marine Fish: From Biomonitoring to the ESG (Environment, Social, and Governance) Method
Pollutants
2024-03-04 | journal-article
DOI: 10.3390/pollutants4010008
Source: Crossref

A Conceptual Model Relationship between Industry 4.0 —Food-Agriculture Nexus and Agroecosystem: A Literature Review and Knowledge Gaps
Foods
2024-01-01 | journal-article
DOI: 10.3390/foods13010150
Source: Crossref

Anthropogenic Microparticles in Sea-Surface Microlayer in Osaka Bay, Japan
Journal of Xenobiotics
2023-11-07 | journal-article
DOI: 10.3390/jox13040044
Source: Crossref

The similarities of sustainable marine ecosystem management and circular economy in industry 4.0
International Journal of Hydrology
2023-09-29 | journal-article
DOI: 10.15406/ijh.2023.07.00355
Source: Crossref

Shell Deformities in the Green-Lipped Mussel Perna viridis: Occurrence and Potential Environmental Stresses on the West Coast of Peninsular Malaysia
Pollutants
2023-09-04 | journal-article
DOI: 10.3390/pollutants3030028
Source: Crossref

Comment on Peycheva et al. Trace Elements and Omega-3 Fatty Acids of Wild and Farmed Mussels (Mytilus galloprovincialis) Consumed in Bulgaria: Human Health Risks. Int. J. Environ. Res. Public Health 2021, 18, 10023
International Journal of Environmental Research and Public Health
2023-07-19 | journal-article
DOI: 10.3390/ijerph20146393
Source: Crossref

Lower Health Risks of Potentially Toxic Metals after Transplantation of Aquacultural Farmed Mussels from a Polluted Site to Unpolluted Sites: A Biomonitoring Study in the Straits of Johore
Foods
2023-05-11 | journal-article
DOI: 10.3390/foods12101964
Source: Crossref

Biomonitoring–Health Risk Nexus of Potentially Toxic Metals on Cerithidea obtusa: A Biomonitoring Study from Peninsular Malaysia

Foods

2023-04-07 | journal-article

DOI: 10.3390/foods12081575

Source: Crossref

Effective Microorganisms as Halal-Based Sources for Biofertilizer Production and Some Socio-Economic Insights: A Review

Foods

2023-04 | journal-article

DOI: 10.3390/foods12081702

Source: Multidisciplinary Digital Publishing Institute

Byssus of Green-Lipped Mussel Perna viridis as a Biomonitoring Biopolymer for Zinc Pollution in Coastal Waters

Biology

2023-03-30 | journal-article

DOI: 10.3390/biology12040523

Source: Crossref

Potentially Toxic Metals in the Tropical Mangrove Non-Salt Secreting Rhizophora apiculata: A Field-Based Biomonitoring Study and Phytoremediation Potentials

Forests

2023-01-27 | journal-article

DOI: 10.3390/f14020237

Source: Crossref

Heavy Metal Exposures on Freshwater Snail Pomacea insularum: Understanding Its Biomonitoring Potentials

Applied Sciences

2023-01-12 | journal-article

DOI: 10.3390/app13021042

Source: Crossref

Assessing Indigenous Soil Ureolytic Bacteria as Potential Agents for Soil Stabilization

Journal of Tropical Biodiversity and Biotechnology

2023-01-06 | journal-article

DOI: 10.22146/jtbb.75128

Source: Crossref

The Ecological-Health Risks of Potentially Toxic Metals in the Surface Sediments and Leaves of Salt-Secreting Avicennia officinalis as Potential Phytoremediators: A Field-Based Biomonitoring Study from Klang Mangrove Area

Biology

2022-12-26 | journal-article

DOI: 10.3390/biology12010043

Source: Crossref

Usability of University Websites as Information Sources: A Review and Synthesis Based on 2021 Publications Indexed in Scopus Database

Cloud Computing and Data Science

2022-12-12 | journal-article

DOI: 10.37256/ccds.4120232019

Part of DOI: 10.37256/ccds.412023

Part of ISSN: 2737-4092

Source: Open Journal Systems at Universal Wiser Publisher

Correction: Yap, C.K.; Al-Mutairi, K.A. Copper and Zinc Levels in Commercial Marine Fish from Setiu, East Coast of Peninsular Malaysia. Toxics 2022, 10, 52

Toxics

2022-10-28 | journal-article

DOI: 10.3390/toxics10110649

Source: Crossref

Usage of Biofertilizers to Correct the Nutrient Deficiency of Oil Palm (Elaeis guineensis): An Observational Study and Review

Food Science and Engineering

2022-09-26 | journal-article

DOI: 10.37256/fse.3220221613

Source: Crossref

High Ecological Health Risks of Potentially Toxic Metals in Polluted Drainage Sediments: Is There a Need for Public Concern during Flash Floods?

Water

2022-07 | journal-article

DOI: 10.3390/w14152316

Source: Multidisciplinary Digital Publishing Institute

Ecological–Health Risk Assessments of Copper in the Sediments: A Review and Synthesis
Pollutants
2022-06 | journal-article
DOI: 10.3390/pollutants2030018
Source: Multidisciplinary Digital Publishing Institute

The role of museum of biological collections in environmental research: a short note
MOJ Ecology & Environmental Sciences
2022-04-25 | journal-article
DOI: 10.15406/mojes.2022.07.00247
Source: Crossref

Potentially Toxic Metals in the High-Biomass Non-Hyperaccumulating Plant Amaranthus viridis: Human Health Risks and Phytoremediation Potentials
Biology
2022-03 | journal-article
DOI: 10.3390/biology11030389
Source: Multidisciplinary Digital Publishing Institute

Comparative Study of Potentially Toxic Nickel and Their Potential Human Health Risks in Seafood (Fish and Mollusks) from Peninsular Malaysia
Biology
2022-02 | journal-article
DOI: 10.3390/biology11030376
Source: Multidisciplinary Digital Publishing Institute

Assessing the Radiological Risks Associated with High Natural Radioactivity of Microgranitic Rocks: A Case Study in a Northeastern Desert of Egypt
International Journal of Environmental Research and Public Health
2022-01 | journal-article
DOI: 10.3390/ijerph19010473
Source: Multidisciplinary Digital Publishing Institute

Copper and Zinc Levels in Commercial Marine Fish from Setiu, East Coast of Peninsular Malaysia
Toxics
2022-01 | journal-article
DOI: 10.3390/toxics10020052
Source: Multidisciplinary Digital Publishing Institute

Ecological-Health Risks of Potentially Toxic Metals in Mangrove Sediments near Estuaries after Years of Piggery Farming Bans in Peninsular Malaysia

Sustainability

2022-01 | journal-article

DOI: 10.3390/su14031525

Source: Multidisciplinary Digital Publishing Institute

Assessments of the Ecological and Health Risks of Potentially Toxic Metals in the Topsoils of Different Land Uses: A Case Study in Peninsular Malaysia

Biology

2021-12 | journal-article

DOI: 10.3390/biology11010002

Source: Multidisciplinary Digital Publishing Institute

Ecological-Health Risk Assessments of Heavy Metals (Cu, Pb, and Zn) in Aquatic Sediments from the ASEAN-5 Emerging Developing Countries: A Review and Synthesis

Biology

2021-12 | journal-article

DOI: 10.3390/biology11010007

Source: Multidisciplinary Digital Publishing Institute

Antioxidant Enzyme Activities as Biomarkers of Cu and Pb Stress in Centella asiatica

Stresses

2021-11 | journal-article

DOI: 10.3390/stresses1040018

Source: Multidisciplinary Digital Publishing Institute

Bioaccumulation of zinc in edible tropical vegetables in Peninsular Malaysia and its human health risk assessment based on various ethnicities in Malaysia

Environmental Science and Pollution Research

2021-08 | journal-article

DOI: 10.1007/s11356-021-13361-3

Source: Crossref

Invasive Weed Asystasia gangetica as a Potential Biomonitor and a Phytoremediator of Potentially Toxic Metals: A Case Study in Peninsular Malaysia
International Journal of Environmental Research and Public Health
2021-04 | journal-article
DOI: 10.3390/ijerph18094682
Source: Multidisciplinary Digital Publishing Institute

A Commentary on the Use of Bivalve Mollusks in Monitoring Metal Pollution Levels
International Journal of Environmental Research and Public Health
2021-03-25 | journal-article
DOI: 10.3390/ijerph18073386
Source: Crossref

A Review of Heavy Metals in Coastal Surface Sediments from the Red Sea: Health-Ecological Risk Assessments
International Journal of Environmental Research and Public Health
2021-03-10 | journal-article
DOI: 10.3390/ijerph18062798
Source: Crossref

Human Health Risk Assessments of Trace Metals on the Clam Corbicula javanica in a Tropical River in Peninsular Malaysia
International Journal of Environmental Research and Public Health
2020-12-29 | journal-article
DOI: 10.3390/ijerph18010195
Source: Crossref

Bio-organic, Bio-chemical Fertilizers and N-Fixer (N-Bio Booster) Improve Paddy Yields in the Field Trials at Langkat in Medan, Indonesia
2020-07-24 | other
DOI: 10.20944/preprints202007.0584.v1
Source: Crossref

Distributions and compositional patterns of polycyclic aromatic hydrocarbons (PAHs) and their derivatives in three edible fishes from Kharg coral Island, Persian Gulf, Iran

Chemosphere

2019-01 | journal-article

DOI: 10.1016/j.chemosphere.2018.10.092

Source: Crossref

Ecological risk assessments of heavy metals in surface sediments collected from Haqal coastal waters (Tabuk Region), Saudi Arabia

Applied Ecology and Environmental Research

2019 | journal-article

DOI: 10.15666/aeer/1702_30653075

EID: 2-s2.0-85064351731

Source: Prof. Dr. Chee Kong Yap*via* Scopus - Elsevier

Prevention is better than cure: Persian Gulf biodiversity vulnerability to the impacts of desalination plants

Global Change Biology

2019 | journal-article

DOI: 10.1111/gcb.14808

EID: 2-s2.0-85073742579

Source: Prof. Dr. Chee Kong Yap*via* Scopus - Elsevier

Distribution of Heavy Metals in Core Marine Sediments of Coastal East Malaysia by Instrumental Neutron Activation Analysis and Inductively Coupled Plasma Spectroscopy

Applied Radiation and Isotopes

2018 | journal-article

DOI: 10.1016/j.apradiso.2017.11.012

EID: 2-s2.0-85034856158

Source: Prof. Dr. Chee Kong Yap*via* Scopus - Elsevier

First report of bioaccumulation and bioconcentration of aliphatic hydrocarbons (AHs) and persistent organic pollutants (PAHs, PCBs and PCNs) and their effects on alcyonacea and scleractinian corals and their endosymbiotic algae from the Persian Gulf, Iran: Inter and intra-species differences

Science of the Total Environment

2018 | journal-article

DOI: 10.1016/j.scitotenv.2018.01.185

EID: 2-s2.0-85041491202

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Behavioral and sensitivity responses of pomacea insularum to C<inf>D</inf> and C<inf>U</inf> toxicities

Snails: Biodiversity, Biology and Behavioral Insights

2017 | book

EID: 2-s2.0-85033978919

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Biodiversity of snails: A short review and commentary

Snails: Biodiversity, Biology and Behavioral Insights

2017 | book

EID: 2-s2.0-85034001842

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Biomonitoring of heavy metals in intertidal snails: The importance of marine ecosystem management

Snails: Biodiversity, Biology and Behavioral Insights

2017 | book

EID: 2-s2.0-85033978452

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Distribution of heavy metals in mangrove snail cerithidea obtusa: A biological insight

Snails: Biodiversity, Biology and Behavioral Insights

2017 | book

EID: 2-s2.0-85033983461

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Distribution of Trace Elements in Core Marine Sediments of Coastal East Malaysia by Instrumental Neutron Activation Analysis
Applied Radiation and Isotopes
2017 | journal-article
DOI: 10.1016/j.apradiso.2017.01.006
EID: 2-s2.0-85010382808
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Effect of cadmium and copper exposure on growth, secondary metabolites and antioxidant activity in the medicinal plant sambung nyawa (Gynura procumbens (Lour.) Merr)
Molecules
2017 | journal-article
DOI: 10.3390/molecules22101623
EID: 2-s2.0-85032643993
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Effects of anthropogenic activities on the heavy metal levels in the clams and sediments in a tropical river
Environmental Science and Pollution Research
2017 | journal-article
DOI: 10.1007/s11356-016-7951-z
EID: 2-s2.0-84994460634
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Health risk assessment of nickel in the mangrove snail nerita lineata: Reinterpretation of published data
Snails: Biodiversity, Biology and Behavioral Insights
2017 | book
EID: 2-s2.0-85033987909
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Magnesium in local edible ulam (centella asiatica) and its relation to their habitat soils in peninsular Malaysia
Pertanika Journal of Tropical Agricultural Science
2017 | journal-article
EID: 2-s2.0-85016192092
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Potential ecological risk assessments of heavy metals in the surface sediments collected from the straits of malacca: Temporal and spatial variations
Trace Metals: Evolution, Environmental and Ecological Significance
2017 | book
EID: 2-s2.0-85035145036
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Preface
Snails: Biodiversity, Biology and Behavioral Insights
2017 | book
EID: 2-s2.0-85034007944
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Snails: Biodiversity, biology and behavioral insights
Snails: Biodiversity, Biology and Behavioral Insights
2017 | book
EID: 2-s2.0-85033983196
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

The marine snails in iranian waters of the persian gulf and oman sea
Snails: Biodiversity, Biology and Behavioral Insights
2017 | book
EID: 2-s2.0-85033992369
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Variability, relationships between shell allometric parameters and heavy metal levels in mudflat snail telescopium telescopium: An understanding from biological viewpoint
Snails: Biodiversity, Biology and Behavioral Insights
2017 | book
EID: 2-s2.0-85033997597
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

A comparison of biomarker responses in juvenile diploid and triploid African catfish, Clarias gariepinus, exposed to the pesticide butachlor
Environmental Research
2016 | journal-article
DOI: 10.1016/j.envres.2016.08.006
EID: 2-s2.0-84981328193
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Acute phenanthrene toxicity to juvenile diploid and triploid African catfish (Clarias gariepinus): Molecular, biochemical, and histopathological alterations
Environmental Pollution
2016 | journal-article
DOI: 10.1016/j.envpol.2016.01.055
EID: 2-s2.0-84960852315
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Effects of metal-contaminated soils on the accumulation of heavy metals in gotu kola (Centella asiatica) and the potential health risks: a study in Peninsular Malaysia
Environmental Monitoring and Assessment
2016 | journal-article
DOI: 10.1007/s10661-015-5042-0
EID: 2-s2.0-84950279503
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Health risk assessments of heavy metal exposure via consumption of marine mussels collected from anthropogenic sites
Science of the Total Environment
2016 | journal-article
DOI: 10.1016/j.scitotenv.2016.02.092
EID: 2-s2.0-84959104072
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Human health risk assessment of heavy metals in the consumption of Tilapia: An assessment based on reported data
Tilapia and Trout: Harvesting, Prevalence and Benefits
2016 | book
EID: 2-s2.0-85022040288
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Molecular sex identification of painted storks (Mycteria leucocephala): using FTA cards, horizontal PAGE and quick silver staining
Journal of Genetics
2016 | journal-article
DOI: 10.1007/s12041-013-0216-4
EID: 2-s2.0-84875500176
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Pollution evaluation in the Shahrood River: Do physico-chemical and macroinvertebrate-based indices indicate same responses to anthropogenic activities?
Chemosphere
2016 | journal-article
DOI: 10.1016/j.chemosphere.2016.06.064
EID: 2-s2.0-84975885932
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Rare earth elements in core marine sediments of coastal East Malaysia by instrumental neutron activation analysis
Applied Radiation and Isotopes
2016 | journal-article
DOI: 10.1016/j.apradiso.2015.09.004
EID: 2-s2.0-84942279407
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Beryllium levels in the mangrove snail, Nerita lineata and surface sediments from Peninsular Malaysian Mangrove Area
Sains Malaysiana
2015 | journal-article
EID: 2-s2.0-84941145237
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Comment on "Assessment of heavy metal contamination in Hindon River sediments: A chemometric and geochemical approach" published in Chemosphere 87 (2012) 945-953
Chemosphere
2015 | journal-article
DOI: 10.1016/j.chemosphere.2014.06.026
EID: 2-s2.0-84919836084
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Lithium levels in Peninsular Malaysian Coastal Areas: An assessment based on mangrove snail Nerita lineata and surface sediments
Pertanika Journal of Tropical Agricultural Science
2015 | journal-article
EID: 2-s2.0-84924271107
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Potential human health risk assessment of heavy metals via the consumption of tilapia Oreochromis mossambicus collected from contaminated and uncontaminated ponds
Environmental Monitoring and Assessment
2015 | journal-article
DOI: 10.1007/s10661-015-4812-z
EID: 2-s2.0-84940191946
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Potential human health risks from toxic metals via mangrove snail consumption and their ecological risk assessments in the habitat sediment from Peninsular Malaysia
Chemosphere
2015 | journal-article
DOI: 10.1016/j.chemosphere.2015.04.013
EID: 2-s2.0-84930438171
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Comparative studies of concentrations of Cu and Zn in the surface intertidal sediments collected from east, south and west coasts of Peninsular Malaysia
Coastal Environments: Focus on Asian Regions
2014 | book
DOI: 10.1007/978-90-481-3002-3_9
EID: 2-s2.0-84930988945
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Concentrations of heavy metals in different tissues of the bivalve Polymesoda erosa: Its potentials as a biomonitor and food safety concern
Pertanika Journal of Tropical Agricultural Science
2014 | journal-article
EID: 2-s2.0-84900453880
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Rare earth element (REE) in surface mangrove sediment by instrumental neutron activation analysis
Journal of Radioanalytical and Nuclear Chemistry
2014 | journal-article
DOI: 10.1007/s10967-014-3221-z
EID: 2-s2.0-84906352870
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Accumulation of heavy metals and antioxidative enzymes of Centella asiatica in relation to metals of the soils

Pertanika Journal of Tropical Agricultural Science

2013 | journal-article

EID: 2-s2.0-84893402544

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Accumulation of trace metals in mussel Perna viridis transplanted from a relatively unpolluted site at Kg. Sg. Melayu to a polluted site at Kg. Pasir Puteh and to an unpolluted site at Sg Belungkor in the straits of Johore, Iran

Ecology, Environment and Conservation

2013 | journal-article

EID: 2-s2.0-84877988693

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

An investigation of arsenic contamination in Peninsular Malaysia based on Centella asiatica and soil samples

Environmental Monitoring and Assessment

2013 | journal-article

DOI: 10.1007/s10661-012-2787-6

EID: 2-s2.0-84876328864

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Assessment of heavy metal pollution in the straits of johore by using transplanted caged mussel, Perna viridis

Pertanika Journal of Science and Technology

2013 | journal-article

EID: 2-s2.0-84873660090

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Barium levels in soils and Centella asiatica

Tropical Life Sciences Research

2013 | journal-article

EID: 2-s2.0-84881192187

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Cd and zn in nerita lineata collected from selected areas of the south west coast of peninsular malaysia
Journal of Sustainability Science and Management
2013 | journal-article
EID: 2-s2.0-84897733920
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Centella asiatica: A potential candidate to assess the uranium contamination in soil
Journal of Sustainability Science and Management
2013 | journal-article
EID: 2-s2.0-84897706338
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Concentrations of Cu, Fe and Pb in Nerita lineata collected from selected sites in peninsular Malaysia and the snail's utility as a biomonitor of Pb
Pollution Research
2013 | journal-article
EID: 2-s2.0-84882400178
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Depuration of trace metals in transplanted perna viridis from polluted site at kg pasir puteh to relatively unpolluted sites at kg sg melayu and sg belungkor in the straits of johore
Journal of Industrial Pollution Control
2013 | journal-article
EID: 2-s2.0-84878819297
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Distributions of heavy metal concentrations in different tissues of the mangrove snail nerita lineata
Sains Malaysiana
2013 | journal-article
EID: 2-s2.0-84876376979
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Evaluation of the potential bioaccumulation ability of the blood cockle (Anadara granosa L.) for assessment of environmental matrices of mudflats
Science of the Total Environment
2013 | journal-article
DOI: 10.1016/j.scitotenv.2013.03.001
EID: 2-s2.0-84876831971
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Heavy metal contamination and physical barrier are main causal agents for the genetic differentiation of perna viridis populations in peninsular Malaysia
Sains Malaysiana
2013 | journal-article
EID: 2-s2.0-84887772220
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Identification of hybrids of painted and milky storks using FTA card-collected blood, molecular markers, and morphologies
Biochemical Genetics
2013 | journal-article
DOI: 10.1007/s10528-013-9607-8
EID: 2-s2.0-84884668967
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Iron concentrations in the different soft tissues of Telescopium telescopium sampled from the intertidal mudflats areas of Peninsular Malaysia
Pollution Research
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Journal of Sustainability Science and Management

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EID: 2-s2.0-84882934943

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Molecular sex identification of painted storks (Mycteria leucocephala): using FTA cards, horizontal PAGE and quick silver staining.

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Synergistic and antagonistic effects of zinc bioaccumulation with lead and antioxidant activities in centella asiatica

Sains Malaysiana

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EID: 2-s2.0-84887638935

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Pollution Research

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Sains Malaysiana
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Water, Air, and Soil Pollution

2012 | journal-article

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Water, Air, and Soil Pollution

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Pertanika Journal of Tropical Agricultural Science

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Can the tolerance of aerial exposure of the green-lipped mussel Perna viridis (L.) as a potential biomonitoring tool to assess Cd and Cu contamination? A laboratory study
Asian Journal of Microbiology, Biotechnology and Environmental Sciences
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EID: 2-s2.0-75749117210
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Distribution of heavy metal concentrations in different soft tissues and shells of the bivalve Psammotaea elongata and gastropod Faunus ater collected from Pantai Sri Tujuh, Kelantan
Journal of Sustainability Science and Management
2009 | journal-article
EID: 2-s2.0-67649682927
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

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Toxicological and Environmental Chemistry
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Effect of body size on heavy metal contents and concentrations in green-lipped mussel Perna Viridis (linnaeus) from Malaysian coastal waters
Pertanika Journal of Science & Technology
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Erratum: Distribution of Ni and Zn in the surface sediments collected from drainages and intertidal area in Selangor(Journal of Tropical Agricultural Science (2008) 31:1 (79-90))

Pertanika Journal of Tropical Agricultural Science

2009 | journal-article

EID: 2-s2.0-76749124372

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Gastropod assemblages as indicators of sediment metal contamination in mangroves of Dumai, Sumatra, Indonesia

Water, Air, and Soil Pollution

2009 | journal-article

DOI: 10.1007/s11270-008-9922-6

EID: 2-s2.0-67449138040

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Genetic characterization of Perna viridis L. in peninsular Malaysia using microsatellite markers

Journal of Genetics

2009 | journal-article

DOI: 10.1007/s12041-009-0023-0

EID: 2-s2.0-70350752514

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Heavy metal concentration (Cd, Cu, Fe, Ni, Pb and Zn) in clam, Polymesoda erosa collected from intertidal area of Tok Bali and Kuala Kemasin, Kelantan

Malaysian Applied Biology

2009 | journal-article

Source: Malaysian Researchers' ID Database

Heavy metal concentrations (Cd, Cu, Ni, Pb, Fe and Zn) in different soft tissues and shells of Pholas orientalis collected from Sekinchan and Pantai Remis, Selangor

Malaysian Applied Biology

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Source: Malaysian Researchers' ID Database

Heavy metal concentrations (Cu, Fe, Ni and Zn) in the clam, Glauconome virens, collected from the northern intertidal areas of Peninsular Malaysia
Malaysian Applied Biology
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Source: Malaysian Researchers' ID Database

Heavy metal concentrations in the different tissues of Chicoreus capucinus: The significance as a biomonitor
Malaysian Applied Biology
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Source: Malaysian Researchers' ID Database

Heavy metal concentrations in the horse shoe crab Tachypleus gigas and sediments collected from Sungai Rambah, Western Johore, Peninsular Malaysia
Malaysian Fisheries Journal
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Heavy metal concentrations in the intertidal gastropod nertia lineata and their relationships to those in its habitats: A case study in Dumai coastal waters
Wetland Science
2009 | journal-article
EID: 2-s2.0-75149115701
Source: Prof. Dr. Chee Kong Yap*via* Scopus - Elsevier

Heavy metal distribution in the different parts of Cerithidea obtusa by using multivariate analysis
Malaysian Journal of Science
2009 | journal-article
EID: 2-s2.0-67649544407
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Water, Air, and Soil Pollution
2009 | journal-article
DOI: 10.1007/s11270-008-9777-x
EID: 2-s2.0-58149471976
Source: Prof. Dr. Chee Kong Yap*via* Scopus - Elsevier

Ni, Pb and Zn concentrations in the green-lipped mussel, Perna viridis collected from the northern coastal waters of Peninsular Malaysia
Journal of Sustainability Science and Management
2009 | journal-article
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Pertanika Journal of Tropical Agricultural Science
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Revealing copper contamination at the Penang industrial area by using Malaysian mussel watch approach
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2009 | journal-article
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Ecotoxicology and Environmental Safety
2009 | journal-article
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Journal of Sustainability Science and Management

2009 | journal-article

EID: 2-s2.0-77951710952

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Toxicological and Environmental Chemistry

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DOI: 10.1080/02772240802616510

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Wetland Science

2009 | journal-article

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Biodiversity of macrobenthic invertebrates in the Semenyih River: A revisited study

Asian Journal of Microbiology, Biotechnology and Environmental Sciences

2008 | journal-article

EID: 2-s2.0-60549087730

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Comparison of heavy metal concentrations (Cd, Cu, Fe, Ni and Zn) in the shells and different soft tissues of Anadara granosa collected from Jeram, Kuala Juru and Kuala Kurau, Peninsular Malaysia
Pertanika Journal of Tropical Agricultural Science
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EID: 2-s2.0-65249157023
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Comparison of heavy metal concentrations in the different parts of telescopium telescopium collected from a relatively less polluted site of Sungai Janggut and a polluted site of Kuala Juru
Malaysian Fisheries Journal
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Distribution and speciation of Zn and Pb in coastal sediments of Dumai Sumatera, Indonesia
Toxicological and Environmental Chemistry
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Malaysian Applied Biology
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Eleven novel polymorphic microsatellite DNA markers from the green-lipped mussel Perna viridis.
Genetika
2008 | journal-article
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Russian Journal of Genetics
2008 | journal-article
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Malaysian Applied Biology
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Wetland Science
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Malaysian Applied Biology
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The concentrations of heavy metals in different Tissues of horseshoe crabs collected from Intertidal areas of Johor, Peninsular Malaysia
Malaysian Applied Biology
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Journal of Applied Sciences
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Wetland Science
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EID: 2-s2.0-34547202976
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Wetland Science
2007 | journal-article
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Indian Journal of Marine Sciences

2007 | journal-article

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Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Patterns of rapd markers and heavy metal concentrations in Perna viridis (L.), collected from metal-contaminated and uncontaminated coastal waters: are they correlated with each other?

Genetika

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Russian Journal of Genetics

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Fisheries Research

2007 | journal-article

DOI: 10.1016/j.fishres.2006.10.021

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Pertanika Journal of Tropical Agricultural Science

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Ecotoxicology and Environmental Safety
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Biochemical and molecular indicators in aquatic ecosystems: Current status and further applications in Malaysia
Aquatic Ecosystem Health and Management
2006 | journal-article
DOI: 10.1080/14634980600713620
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Wetland Science
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Wetland Science
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Malaysian Applied Biology
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Malaysian Applied Biology
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Indian Journal of Marine Sciences
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Genetika.
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Morphological and allozyme studies of small terrestrial snails (Opeas sp., Subulina sp., and Huttonella bicolor) collected from Peninsular Malaysia
Russian Journal of Genetics
2006 | journal-article
DOI: 10.1134/S1022795406010054
EID: 2-s2.0-33644661278
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Use of different soft tissues of Perna viridis as biomonitors of bioavailability and contamination by heavy metals (Cd, Cu, Fe, Pb, Ni, and Zn) in a semi-enclosed intertidal water, the Johore Straits

Toxicological and Environmental Chemistry

2006 | journal-article

DOI: 10.1080/02772240600874139

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Source: Prof. Dr. Chee Kong Yap*via* Scopus - Elsevier

Analysis of heavy metal concentration data (Cd, Cu, Pb and Zn) in different geochemical fractions of the surface sediments in the straits of Malacca by the use of correlation and multiple linear stepwise regression analyses

Malaysian Applied Biology

2005 | journal-article

Source: Malaysian Researchers' ID Database

Byssus of the green-lipped mussel Perna viridis (Linnaeus) as a biomonitoring material for Zn¹

Russian Journal of Marine Biology

2005 | journal-article

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Distributions of Cd, Cu, Pb and Zn in different parts of the byssus of the green-lipped mussel perna viridis (linnaeus) collected from contaminated and uncontaminated coastal waters

Malaysian Applied Biology

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Source: Malaysian Researchers' ID Database

Allozyme polymorphisms and heavy metal levels in the green-lipped mussel Perna viridis (Linnaeus) collected from contaminated and uncontaminated sites in Malaysia

Environment International

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Water, Air, and Soil Pollution
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Heavy metal (Cd, Cu, Pb and Zn) concentrations in the green-lipped mussel Perna viridis (Linnaeus) collected from some wild and aquacultural sites in the west coast of Peninsular Malaysia
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Environment International
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DOI: 10.1016/S0160-4120(03)00141-7
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Hydrobiologia
2003 | journal-article
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Marine Pollution Bulletin
2003 | journal-article
DOI: 10.1016/S0025-326X(03)00163-2
EID: 2-s2.0-0642275124
Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Can the byssus of green-lipped mussel Perna viridis (Linnaeus) from the west coast of Peninsular Malaysia be a biomonitoring organ for Cd, Pb and Zn? Field and laboratory studies

Environment International

2003 | journal-article

DOI: 10.1016/S0160-4120(03)00008-4

EID: 2-s2.0-0038640273

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Can the shell of the green-lipped mussel Perna viridis from the west coast of Peninsular Malaysia be a potential biomonitoring material for Cd, Pb and Zn?

Estuarine, Coastal and Shelf Science

2003 | journal-article

DOI: 10.1016/S0272-7714(02)00401-8

EID: 2-s2.0-0042378534

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Cd and Zn concentrations in the straits of Malacca and intertidal sediments of the west coast of Peninsular Malaysia

Marine Pollution Bulletin

2003 | journal-article

DOI: 10.1016/S0025-326X(03)00193-0

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Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Effects of total soft tissue and shell thickness on the accumulation of heavy metals (Cd, Cu, Pb, and Zn) in the green-lipped mussel Perna viridis

Russian Journal of Marine Biology

2003 | journal-article

DOI: 10.1023/A:1026313712052

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Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Lead in surface sediments of the Straits of Malacca

Indian Journal of Marine Sciences

2003 | journal-article

EID: 2-s2.0-26844546885

Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Mercury concentrations in the surface sediments of the intertidal area along the west coast of Peninsular Malaysia

Toxicological and Environmental Chemistry

2003 | journal-article

DOI: 10.1080/0277224031000135049

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Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Mercury in zooplankton from the Malacca Straits

Indian Journal of Marine Sciences

2003 | journal-article

EID: 2-s2.0-66249141250

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Mercury levels in the green-lipped mussel Perna viridis (Linnaeus) from the west coast of Peninsular Malaysia

Bulletin of Environmental Contamination and Toxicology

2003 | journal-article

DOI: 10.1007/s00128-003-8809-x

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Concentrations of Cu and Pb in the offshore and intertidal sediments of the west coast of Peninsular Malaysia

Environment International

2002 | journal-article

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Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Correlations between speciation of Cd, Cu, Pb and Zn in sediment and their concentrations in total soft tissue of green-lipped mussel Perna viridis from the west coast of Peninsular Malaysia

Environment International

2002 | journal-article

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Source: Prof. Dr. Chee Kong Yap *via* Scopus - Elsevier

Genetic variation of the green-lipped mussel Perna viridis (L.) (Mytilidae: Mytiloida: Mytilicae) from the west coast of Peninsular Malaysia

Zoological Studies

2002 | journal-article

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Occurrence of shell deformities in green-lipped mussel Perna viridis (Linnaeus) collected from Malaysian coastal waters

Bulletin of Environmental Contamination and Toxicology

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Peer review (20)

• review activity for **Agronomy. (1)**

• review activity for **Applied sciences. (2)**

• review activity for **Biology. (1)**

• review activity for **Ecotoxicology and environmental safety. (4)**

• review activity for **Environment international. (2)**

• review activity for **Environmental monitoring and assessment. (2)**

• review activity for **Environmental pollution (4)**

• review activity for **Environmental science and pollution research international (6)**

• review activity for **Environmental science and pollution research international (2)**

• review activity for **Horticulturae. (1)**

• review activity for **International journal of environmental research and public health. (3)**

• review activity for **International journal of molecular sciences. (1)**

• review activity for **Life. (1)**

• review activity for **Molecules. (1)**

• review activity for **PloS one. (3)**

• review activity for **Pollutants. (1)**

• review activity for **Proceedings of the National Academy of Sciences, India, Section B: biological sciences. (1)**

• review activity for **Science of the total environment. (1)**

• review activity for **Sustainability. (3)**

• review activity for **Water. (5)**

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