

## HO Yuen-Wa, Ph.D.

T: +852-92070385 E: hoyuenwaderek@gmail.com

W: <https://yuenwaho.github.io> ORCID: [0000-0003-1523-112X](https://orcid.org/0000-0003-1523-112X)

### CURRENT POSITIONS

<b>Post-Doctoral Fellow</b> , Department of Food Science and Nutrition, The Polytechnic University of Hong Kong	2021 – present
<b>Visiting Postdoctoral Fellow</b> , Biodiversity Research Center, Academia Sinica	2025 – present
<b>Research Scientist</b> , Division of Eco-Acoustics and Data Science, Cetacea Research Institute, Hong Kong	2021 – present
<b>Founder and Director</b> , OceanEcho Innovation Ltd. - Directing a research-led startup integrating 3D photogrammetry and digital twin technology for marine conservation	2025 – present

### ACADEMIC QUALIFICATIONS

<b>Ph.D.</b> in Cetacean Ecology, The University of Hong Kong Thesis: Foraging ecology of Indo-Pacific humpback dolphins in the Pearl River Estuary: A multifaceted approach	2015 – 2021
<b>B.Sc.</b> in Ecology & Biodiversity, The University of Hong Kong	2010 – 2013

### PREVIOUS POSITIONS

<b>Visiting Scholar</b> , Biodiversity Research Center, Academia Sinica	2023 Jul
<b>Lab Manager</b> , Marine Ecology & Aquaculture Laboratory, Department of Food Science and Nutrition, Polytechnic University of Hong Kong	2021 – 2025
<b>Research Assistant</b> , Marine Ecology & Aquaculture Laboratory, Hong Kong Polytechnic University	2019 – 2021
<b>Researcher</b> , Cetacea Research Institute	2018 – 2021
<b>Field Course Instructor</b> , School of Biological Sciences, The University of Hong Kong	2015 – 2019
<b>Research Assistant</b> , Cetacean Ecology Lab, The University of Hong Kong	2013 – 2015

### PUBLICATIONS

18 in total (with additional 6 submitted or under review/revision)

Citations: 570 | *H-index*: 10 | *i10-index*: 12 (as of 2 Apr 2026)

\* Corresponding author # Equal-contribution authors

#### Manuscripts in Final Preparation

- **Ho Y-W**, & Lin T-H\*. Latent Feature Learning for Acoustic Monitoring: Using U-Net and Autoencoders to disentangle cetacean clicks from snapping shrimp interference. (Target: *Methods in Ecology and Evolution*)
- **Ho Y-W**, Karczmarski L\*, Lin W, Leung MML, & Fang JKH\*. Current assessments of microplastic ingestion in marine mammals likely underestimate the true extent of the problem: A case of Indo-Pacific humpback dolphins in Hong Kong. (Target journal: *Proceedings of the Royal Society B*)
- **Ho Y-W**, Cheng MCY, Thoe W, & Fang JKH\*. Characterising microplastics in a subtropical megacity: A multi-seasonal study of distribution and polymer types in Hong Kong rivers. (Target journal: *Water Research*)

- **Ho Y-W\***, Bradley M, Martelli P, *et al.* A half-century of cetacean mortality in Hong Kong (1973-2024): a stranding-based analysis of spatiotemporal trends and conservation implications. (Target journal: *Marine Mammal Science*)

### Manuscripts Under Review / Revision

- Zhu Y\*, Li Y, Chen J, **Ho Y-W**, Wang C, Zhang Y, Wang X-Q, Lu B, Fang JKH, Ling FCC, Tadesse LF, Lam EY\* (in submission) Unveiling multi-dimensional nanoparticle signatures via deep speckle holography. *Nature*
- Zhou ASK#, Fan C#, Li C\*, **Ho Y-W**, Fang JKH, Jin LN\* (in submission) Aquatic plastisphere vectoring pathogenic and antifungal-resistant fungi. *Environmental Science & Technology Letters*
- Li Y\*, Zhu Y, Chen J, Chen R, **Ho Y-W**, Wang C, Fang JKH, Tsia K & Lam EY\* (in submission) Label-free 4-D polarization holography unveils behavioral divergence and structural disorder in zooplankton exposed to nanoplastics. *Advanced Science*
- Zhang L, Li C\*, Xu Z, Pan X, Wang Y, Zhang X, Liu X, Xiong A, Wang Y, Zhang X, Zhao Y, Ji S, Liu J, Yan M, **Ho Y-W**, Fang JKH, Li S, & Jin L (under review) Microalgae and associated ecological risks in the coastal plastisphere. *Water Research X*
- Wang Y, Li C\*, Zhou ASK, Pan X, Zhang X, Chen T, Xiong A, **Ho Y-W**, Wu L, Zhou Z, Liu J, Adyel TM, Fang JKH\*, Bank MS, Rilling MC, Jin LN\* (under review) Unravelling archaeal community ecology and evolution in the expanding coastal plastisphere. *Nature Communications*
- Bao Y, **Ho Y-W**, Shen Z, Lam EY, Fang JKH\*, Leung KMY, Lee PKH\* (major revision) Seasonal divergence between microbiomes on microplastics and natural particles increases with rising water temperatures in urban rivers. *Environmental Science & Technology*

### Refereed Journal Articles

2025

18. Lin Y, Helmreich B\*, **Ho Y-W**, Fang JKH, Luo C & Wang Y\* (2025) Multi-contaminants in Road Runoff of a Compact City: Characteristics, Interactions, and Ecological Risks. *Water Research* 125260. [10.1016/j.watres.2025.125260](https://doi.org/10.1016/j.watres.2025.125260)
17. Bao Y, **Ho Y-W**, Shen Z, Lam EY, Fang JKH\*, Leung KMY, & Lee PKH\* (2025) Ecological roles and shared microbes differentiate the plastisphere from natural particle-associated microbiomes in urban rivers. *Environmental Science & Technology* 59, 32, 17298–17309. [10.1021/acs.est.5c06538](https://doi.org/10.1021/acs.est.5c06538)
16. Saidu, MB, Moreira IS\*, Amorim CL, Wu R, **Ho Y-W**, Fang JKH, Castro PML, Gonçalves D (2025) Exploring the biodegradation of PET in mangrove soil and its intermediates by enriched bacterial consortia. *Environmental Technology* 46(24), 4866-4888. [10.1080/09593330.2025.2521762](https://doi.org/10.1080/09593330.2025.2521762)
15. Liu X, Yao S, Xiong A, Zhang L, Zhang X, Li C, Ruan Y, Yan M, **Ho Y-W**, Fang JKH, Wang B, Leusch F, Schlenk D, Liu W\*, Leung KMY\*, & Jin L\* (2025) Dissecting the role of natural toxins and anthropogenic contaminants in mixture effects of seawater chemical cocktails on cetacean skin fibroblasts. *Environmental Science & Technology* 59, 28, 14203–14213. [10.1021/acs.est.4c14481](https://doi.org/10.1021/acs.est.4c14481)
14. **Ho Y-W**, Karczmarski L\*, Lin W, Lo MCY, Wu Y, & Baker DM (2025). Modeling life history parameters in marine mammals: Bayesian hierarchical analysis of ontogenetic dietary shifts in Indo-Pacific humpback dolphins. *Ecological and Evolutionary Physiology* 98(1), 1-16. [10.1086/734631](https://doi.org/10.1086/734631)

2024

13. Jia M, Farid MU\*, **Ho Y-W**, Ma X, Wong PW, Nah T, He Y, Boey MW, Gang L, Fang JKH, Fan J, & An AK\* (2024) Advanced nanobubble flotation for enhanced removal of sub-10 µm microplastics from wastewater. *Nature Communications* 15, 9079. [10.1038/s41467-024-53304-3](https://doi.org/10.1038/s41467-024-53304-3)
12. Lin Y, Wang Y\*, **Ho Y-W**, Fang JKH\*, & Li Y (2024) Characterization and ecological risks of microplastics in urban road runoff. *Science of the Total Environment* 954, 176590. [10.1016/j.scitotenv.2024.176590](https://doi.org/10.1016/j.scitotenv.2024.176590)
11. Zhu Y, Li Y, Huang J, Zhang Y, **Ho Y-W**, Fang JKH, & Lam EY\* (2024) Advanced optical imaging technologies for microplastics identification: Progress and Challenges. *Advanced Photonics Research* 2400038. [10.1002/adpr.202400038](https://doi.org/10.1002/adpr.202400038)
10. Liang T#, **Ho Y-W**#, Wang Q, Wang P, Sun S, Fang JKH\*, & Liu X\* (2024) Distribution and risk assessment of microplastics in water, sediment and brine shrimps in a remote salt lake on the Tibetan Plateau, China. *Journal of Hazardous Materials* 476, 134959. [10.1016/j.jhazmat.2024.134959](https://doi.org/10.1016/j.jhazmat.2024.134959)
9. Chan SCY#, **Ho Y-W**#, & Karczmarski L\*# (2024) Reproductive dynamics of an inshore delphinid reflect demographic consequences of large-scale coastal constructions. *Biological Conservation* 297, 110690. [10.1016/j.biocon.2024.110690](https://doi.org/10.1016/j.biocon.2024.110690)
8. Li Y, Zhu Y, Huang J, **Ho Y-W**, Fang JKH, & Lam EY\* (2024) High-throughput microplastic assessment based on polarization holographic imaging. *Scientific Reports* 14, 2355. [10.1038/s41598-024-52762-5](https://doi.org/10.1038/s41598-024-52762-5)
7. Lin W\*, Karczmarski L\*, Chan SCY, Zheng R, **Ho Y-W**, & Mo Y (2024) Population parameters and heterogeneity in survival rates of Indo-Pacific humpback dolphins in a heavily urbanized coastal region of southeast China: Implications for conservation. *Frontiers in Marine Science* 11:1252661. [10.3389/fmars.2024.1252661](https://doi.org/10.3389/fmars.2024.1252661)
6. **Ho Y-W**, Lin TH\*, Akamatsu T, & Karczmarski L\* (2024). Fine-scale spatial variability of marine soundscape corresponds with habitat utilization of Indo-Pacific humpback dolphins in Hong Kong waters. *Ecological Indicators* 158, 111228. [10.1016/j.ecolind.2023.111228](https://doi.org/10.1016/j.ecolind.2023.111228)

Prior to 2024

5. Chan SCY\*, Karczmarski L\*, Lin W, Zheng R, **Ho Y-W**, Guo L, Mo Y, Lee ATL, Or CKM, & Wu Y (2022). An unknown component of a well-known population: socio-demographic parameters of Indo-Pacific humpback dolphins (*Sousa chinensis*) at the western reaches of the Pearl River Delta region. *Mammalian Biology* 1-23. [10.1007/s42991-022-00335-2](https://doi.org/10.1007/s42991-022-00335-2)
4. **Ho Y-W**, Lim JY, Yeoh YK, Chiou JC, Zhu Y, Lai KP, Li L, Chan PKS, & Fang JKH\* (2022) Preliminary findings of the high quantity of microplastics in faeces of Hong Kong residents. *Toxics* 10, 414. [10.3390/toxics10080414](https://doi.org/10.3390/toxics10080414)
3. Leung MML, **Ho Y-W**, Maboloc EA, Lee CH, Wang Y, Hu M, Cheung SG, & Fang JKH\* (2021). Determination of microplastics in the edible green-lipped mussel *Perna viridis* using an automated mapping technique of Raman microspectroscopy. *Journal of Hazardous Materials* 126541. [10.1016/j.jhazmat.2021.126541](https://doi.org/10.1016/j.jhazmat.2021.126541)
2. Leung MML, **Ho Y-W**, Lee CH, Wang Y, Hu M, Kwok KWH, Chua SL, & Fang JKH\* (2021) Improved Raman spectroscopy-based approach to assess microplastics in seafood. *Environmental Pollution* 117648. [10.1016/j.envpol.2021.117648](https://doi.org/10.1016/j.envpol.2021.117648)

1. Karczmarski L\*, Huang SL, Or CKM, Gui D, Chan SCY, Lin W, Porter L, Wong WH, Zheng R, **Ho Y-W**, Chui SYS, Tiongson AJC, Mo Y, Chang WL, Kwok JHW, Tang RWK, Lee ATL, Yiu SW, Keith M, Gailey G, & Wu Y\* (2016). Humpback dolphins in Hong Kong and the Pearl River Delta: Status, threats and conservation challenges. *Advances in Marine Biology* 73, 27–64. [10.1016/bs.amb.2015.09.003](https://doi.org/10.1016/bs.amb.2015.09.003)

### Technical Reports

3. **Ho Y-W** & Fang JKH. (2024) 3<sup>rd</sup> National Marine Pollution Baseline Survey (Microplastics). Submitted to Environmental Protection Department, Hong Kong SAR.
2. **Ho Y-W** & Fang JKH. (2024) Comprehensive study of microplastics in Hong Kong's river and streams. Submitted to Environmental Protection Department, Hong Kong SAR.
1. Karczmarski L, Huang SL, Wong WH, Porter L, **Ho Y-W**, Or CKM, Lin W, Chan SCY, Zheng R, Chui SYS, Gailey G, & Wu Y (2014) The Indo-Pacific humpback dolphin (*Sousa chinensis*): Hong Kong Red List Assessment.

### GRANTS RECORDS (PI = Principal Investigator; Co-I = Co-Investigator)

---

Total Funding Secured (PI/Co-PI/Deputy PI Roles): ~HK\$7 million

6. **PI**, "Preparation of Bryde's whale skeleton". HK\$701,900. *Ocean Park Corporation* (1030003050) (Nov 2025 – Dec 2026).
5. **Deputy PI**, "Environment and Conservation Fund "Sea" Through Cetacean: STEAM Student Ambassador Programme & Cetacean Conservation Exhibition". HK\$ 1,733,940. *Environment and Conservation Fund* (P&E 3738) (Jan 2026 – Dec 2027).
4. **Survey Team Leader**, "Baseline survey on microplastics in Hong Kong's River water" and "3rd National Marine Pollution Baseline Survey (Microplastics)" (第三次海洋污染基線調查 - 微塑料調查作業). HK\$1,359,970. *Environmental Protection Department, HKSAR* (21-04636) (2022 – 2024).
3. **Co-I**, "The unknown facets of conservation ecology of Hong Kong cetaceans: Night-time habitat use, diurnal acoustic environment, and impacts of anthropogenic noise on Chinese white dolphins and Indo-Pacific finless porpoises". HK\$1,988,860. *Hong Kong Offshore LNG Terminal Project Marine Conservation Enhancement Fund* (MCEF20026) (2021 – 2023).
2. **Deputy PI**, "Night-time distribution and abundance of Chinese white dolphins (*Sousa chinensis*) in Hong Kong waters: Conservation implications". HK\$387,800. *Ocean Park Conservation Foundation Hong Kong* (MM04.1920) (Jul 2019 – Jun 2021).
1. **Co-I**, "Diurnal Pattern of Habitat Use vs. Anthropogenic Noise in Core Areas of Chinese White Dolphins (*Sousa chinensis*) and Finless Porpoises (*Neophocaena phocaenoides*) in Hong Kong waters". HK\$683,770. *Ocean Park Conservation Foundation Hong Kong* (MM02.1718) (Jul 2017 – Jun 2019).

### INSTITUTIONAL PARTNERSHIP & STRATEGIC INITIATIVES

---

1. **PI**, "Conservation Ecology of Horseshoe Crab in Deep Bay and Tung Chung Bay (Phase 1)" (Application Ref: MEEF2026028). Collaborative initiative with Ocean Park Corporation and OPCFHK.
  - *Focus*: Demographic modelling and subtidal connectivity in Hong Kong.
  - Project initiated with OPCFHK internal funding.

2. **Co-Lead** (Project Planning), "Inter-Continental Marine Soundscape Monitoring: The Strait of Gibraltar". Partnership with Dr. SCY Chan, the University of Gibraltar (School of Marine and Environmental Sciences).
  - *Focus*: Establishing a comparative acoustic monitoring framework between the Strait of Gibraltar and the Pearl River Estuary to study anthropogenic noise impacts on cetacean corridors.
3. **Co-Lead** (Project Planning), "Urban Soundscape Baseline for Singaporean Waters". Partnership with Singapore Oceanarium.
  - *Focus*: Developing a baseline for marine biodiversity and ambient noise levels in a high-traffic subtropical hub.

## TEACHING, MENTORSHIP AND EDUCATIONAL LEADERSHIP

---

### Academic Teaching & Assessment

- **Tutorial Lecturer**
  - Critical Analysis & Reasoning in Discipline-based Studies (CCST4200; HKU SPACE; 2022, 2023)
  - Facilitated tutorials focused on logic and argumentation in scientific contexts.
  - Conducted assessments of student essays and oral presentations, providing structured feedback to enhance critical reasoning capabilities.
- **Guest Lecturer**
  - Lingnan University: Guided field trips (SCI504) (2025, 2026)
  - University of Gibraltar: Delivered 2 guest lectures (2025)
  - Hong Kong Metropolitan University LiPACE: Delivered 2 guest lectures (2025)
  - Department of Food Science and Nutrition, Hong Kong Polytechnic Uni. (2021–2025)

### Research Mentorship & Technical Guidance

<u>Student</u>	<u>Programme/Uni</u>	<u>Year</u>	<u>Topics</u>
Yingyu Bao	PhD, CityU	2023-26	Microbiome community in river MPs
Yinghong Lin	PhD, PolyU	2022-25	MPs in stormwater from urban road runoff
Ting Liang	PhD, OUC	2022-24	MPs in remote salt-lake on the Tibetan Plateau
Chu-Ho Yuen	MPhil, PolyU	2021-25	MPs distribution & transfer in coral communities
Ming-Lok Leung	MPhil, PolyU	2019-21	Method for MPs identification in seafood

### Undergraduate Project Mentor (Guided Final Year Project; PolyU)

<u>Student</u>	<u>Year</u>	<u>Topics</u>
Winnie CW Li	2023-24	MPs and its effect in pearl oyster
Hui-Tung Tam	2022-23	UV-degradation of microplastics from utensils
Jiayu Chen	2022-23	MPs in sponges from the Canadian Arctic Deep Sea
Shuk-Yan Ko	2020-21	MPs ingestion in Indo-Pacific finless porpoises
Aqua Yiu	2020-21	MPs in oysters along the coast of China

## KNOWLEDGE EXCHANGE AND COMMUNITY SERVICE

---

### Outreach Projects and Community Education Leadership

- **Deputy Project Leader**, “Sea Through Cetacean: STEAM Student Ambassador Programme & Cetacean Conservation Exhibition” (HK\$1.7M, ECF Ref. P&E 3738) (2026-2027). This project focuses on community-level knowledge transfer of marine ecology and conservation science. My leading role involves:
  - Large-scale community knowledge transfer project involving 200 high school students across 13 schools.
  - Overseeing the design and management of public exhibitions at Tai O fishing village and the Hong Kong Maritime Museum.

### Specialized Technical Service & Resource Management

- Curator and Resource Manager, Longman's Beaked Whale Specimen
  - Managing the preparation and permitting for one of only eight complete skeletons of this rare species worldwide for public exhibition

### Invited Talks and Professional Capacity Building

- Invited Speaker, “Microplastics Across Mediums: A Comprehensive Survey of Ecosystems and Organisms”. Workshop on Optical and Computational Technologies to Combat Microplastics and Nanoplastics Pollution, The University of Hong Kong (11 Jun 2024).
- Invited Speaker, “Anthropogenic Impacts on the Foraging Ecology of Indo-Pacific Humpback Dolphins: A Multifaceted Approach to Microplastic and Acoustic Pollutions”. Academia Sinica, Taiwan (5 Jul 2023).
- Invited Instructor, “Extraction of microplastics from marine biological samples and their polymer identification using Raman spectroscopy”. East Asia Regional Training Workshop (PEMSEA & SKLMP) (14 Dec 2022).
- Invited Speaker, “Diurnal Pattern of Habitat Use vs. Anthropogenic Noise in Core Areas of Chinese White Dolphins (*Sousa chinensis*) and Finless Porpoises (*Neophocaena phocaenoides*) in Hong Kong Waters”. Ocean Park Conservation Foundation Hong Kong (19 Apr 2023).
- “Microplastics in edible oysters and their significance in the Greater Bay Area” – State Key Laboratory of Marine Pollution. SCRF Meeting (2021, 2022).
- “Ontogenetic dietary shift in the Indo-Pacific humpback dolphins”. Sun Yat-sen University, Zhuhai, China (16 Apr 2018).
- Invited Instructor, Aquatic Soundscape Workshop. University of Philippines, Cebu, Philippines (2018, 2019).
- Invited Talk, Education Talk for Fishermen. Tai Po Environmental Association (12 Jun 2017).
- Invited Talk, Education Talk for Fishermen at Tai O fishing village. WWF–HK (28 Mar 2015).

### Media Engagement

- Environment and Conservation Fund “Sea” Through Cetaceans: STEAM Student Ambassador Programme & Cetacean Conservation Exhibition (Feb 2026).  
[Sing Tao Headline \(II\)](#) / [Wen Wei Po \(I\)](#) / [Ta Kung Wen Wei](#) / [Ming Pao Daily News \(I\)](#)  
[Hong Kong Economic Times](#) / [Dot Dot News](#) / [Hong Kong Commercial Daily](#)  
[Hong Kong China News Agency](#) / [AM730](#) / [Yahoo HK](#) / [Canada NewsWire](#)  
[Weekender Singapore](#) / [Asia Briefing](#) / [The Manila Times](#)

- “[「Bye Bye 微膠珠」約章](#)” by Environmental Protection Department HKSAR and filmed by Radio Television HK (RTHK) (24 Jan 2024).
- Interview by Sing Tao Daily, “[研究員為白海豚 保護寧靜海](#)” (22 May 2023).

### Service to Conservation Policy and Stakeholder Engagement

- Workshop on Optical and Computational Technologies to Combat Microplastics and Nanoplastics Pollution. The University of Hong Kong (2024) Invited talk on multi-medium microplastics monitoring.
- Pearl River Estuary Chinese White Dolphin Conservation Vision Workshop. World Wide Fund for Nature – Hong Kong, Hong Kong (2019)
- WWF Marine Hotspot Map Meeting. World Wide Fund for Nature – Hong Kong, Hong Kong (2018) Provided expert advice on cetacean habitat use.
- Chinese White Dolphin (*Sousa chinensis*) Population and Habitat Viability Assessment Workshop. Conservation Breeding Specialist Group (CBSG) of the IUCN Species Survival Commission (SSC), hosted by Ocean Park Conservation Foundation Hong Kong (OPCFHK), Hong Kong (2017)
- Public Consultation Meeting for the Proposed IWMF Marine Park. Environmental Protection Department, HKSAR, Hong Kong (2017) Provided expert advice on cetacean habitat use.
- Chinese White Dolphin (*Sousa chinensis*) Population Viability Analysis Workshop. Conservation Breeding Specialist Group (CBSG) of the IUCN Species Survival Commission (SSC), hosted by Ocean Park Conservation Foundation Hong Kong (OPCFHK), Hong Kong. (2016) Provided advice on cetacean population models.
- WWF Marine Hotspot Map Workshop. World Wide Fund for Nature – Hong Kong, Hong Kong (2016)
- Meeting of Preliminary Boundaries and Management Plans of the Proposed Southwest Lantau and Soko Islands Marine Parks. Agriculture, Fishery and Conservation Department (AFCD), HKSAR, Hong Kong (2015)
- Guangdong–Hong Kong–Macau Chinese White Dolphin Conservation Workshop 2014-2015. Administration of Ocean and Fisheries of Guangdong Province and Guangdong–Pearl River Estuary Chinese White Dolphin National Nature Reserve, Zhuhai, China (2015)
- Workshop 3 on Chinese White Dolphins. Civil Engineering and Development Department (CEDD), HKSAR, Hong Kong (2015)

### AWARDS

- 
- |         |  |
|---------|--|
| 2018    | Best Conference Presentation Award. 2 <sup>nd</sup> Oceanoise Asia Conference, Hakodate, Japan |
| 2017    | Conference Travel Award. International Society for Marine Mammalogy. Halifax, Canada.          |
| 2015    | Conference Travel Award. International Society for Marine Mammalogy. S.F., U.S.A.              |
| 2015-19 | Marine Biology Scholarship, Swire Institute of Marine Science, HKU                             |
| 2015-19 | Postgraduate Scholarship. HKU  |

### CONFERENCES (SELECTED)

- 
- **Ho Y-W**, Wang C-W, Chang C-M, Huang K-C, Lin T-H (2025) Multi-Year and Multi-Site Assessment of Fish Chorus Dynamics in Response to Offshore Wind Development in the Eastern Taiwan Strait. In: The 12th Annual Meeting of the Society for Bioacoustics,

Waseda University, Tokyo, Japan

- **Ho Y-W**, & Fang JKH (2025) Physicochemical Characterization and Abundance of Microplastics in Hong Kong's Rivers. In: Symposium on Microplastics in the Environment and Water: Challenges, Research, and Mitigation Strategies, National University of Singapore, Singapore
- Bao Y, **Ho Y-W**, Shen Z, Fang JKH, Leung KMY, & Lee PKH (2024) Deciphering the ecological roles of the plastisphere in urban rivers in Hong Kong. In: 19<sup>th</sup> International Symposium on Microbial Ecology, Cape Town, South Africa
- **Ho Y-W**, Baker DM, Wu Y, Lin W, & Karczmarski L (2019) Advantages of applying Bayesian framework in the analyses of ontogenetic dietary shifts in a coastal delphinid. In: 2nd World Marine Mammal Conference, Barcelona, Spain
- **Ho Y-W**, Lin TH, Akamatsu T, & Karczmarski L (2018) Unsupervised classification of marine soundscape with non-negative matrix factorization. In: Symposium on Big Data Challenges for Predictive Modeling of Complex Systems. Hong Kong, China
- **Ho Y-W**, Lin TH, Akamatsu T, & Karczmarski L (2018) Spatial variation of marine soundscape within the habitat of Indo-Pacific humpback dolphins (*Sousa chinensis*) in Hong Kong.  
\* Best Presentation Award. In: 2nd Oceanoise Asia Conference. Hakodate, Japan
- **Ho Y-W**, Baker DM, Wu Y, Lin W, & Karczmarski L (2017) Ontogenetic dietary shifts in the Indo-Pacific humpback dolphin (*Sousa chinensis*). In: 22nd Biennial Conference on the Biology of Marine Mammals. Halifax, Nova Scotia, Canada
- **Ho Y-W**, Chan SCY, & Karczmarski L (2015) Skin disorders and traumatic mutilations of Indo-Pacific humpback dolphins (*Sousa chinensis*) in Hong Kong. In: 21st Biennial Conference on the Biology of Marine Mammals. San Francisco, U.S.A.

## PEER REVIEW SERVICE

---

**Journal review:** Environmental Science & Technology; Journal of Hazardous Materials; Ecology and Evolution; Biological Conservation; Transportation Research Part D: Transport and Environment; Marine Pollution Bulletin; Marine Life Science & Technology; Environmental Geochemistry and Health; Integrative Zoology; Environmental Monitoring and Assessment; Scientific Reports; Journal of Biogeography; Marine Environmental Research; Estuarine, Coastal and Shelf Science; Journal of Mammalogy; Regional Studies in Marine Science; Emerging Contaminants; Aquatic Conservation: Marine and Freshwater Ecosystems; Resources; Environment and Sustainability; Global Ecology and Conservation.

**Grant Proposal review:** Ocean Park Conservation Foundation Hong Kong – Conservation Funding 2024 and 2025, Biodiversity Funding 2024