

# Curriculum Vitae



**Andrew Loh Jin Yi**

## My Principals

To utilize my knowledge for a career with passion for personal and professional growth, advancement and attractive rewards with given opportunities.

## Personal Details

Mailing Address	: Korea Institute of Ocean Science and Technology, 41 Jangmok 1-gil, Geoje, 532100, Republic of Korea	Current Residing Address	: Korea Institute of Ocean Science and Technology, 41 Jangmok 1-gil, Geoje, 532100, Republic of Korea
Date of Birth	: 11 December 1989	Contact Number	: +82-10-9647-8373
Marital Status	: Married	E-mail Address	: andrew@kiost.ac.kr
Gender	: Male	Nationality	: Malaysian
Religion	: Christian	Race	: Chinese

## Education Background

Feb 2015~Feb 2020	University of Science and Technology (UST), Korea Institute of Science and Technology (KIOST) campus	PhD Degree: Marine Environmental Chemistry and Biology CGPA: 4.2 / 4.5
Feb 2013~Feb 2015	University of Science and Technology (UST), Korea Institute of Science and Technology (KIOST) campus	Master Degree: Marine Environmental Chemistry and Biology CGPA: 4.5 / 4.5 TOEFL: 97 / 120, TOPIK: Level 2
June 2010~June 2012	Universiti Malaysia Sabah (UMS)	Bachelor of Science: Environmental Science CGPA: 3.2 / 4.0

## Field of Research

### PhD Degree

Understanding fate and development of OSA applications as natural oil spill remediation technique in the marine environment

- Related Publication: (1) **Loh, A.**, Shankar, R., Ha, S. Y., An, J. G., Yim, U. H., 2019c. Stability of mechanically and chemically dispersed oil: effect of particle types on oil dispersion. *Science of the Total Environment*. In Press.
- (2) **Loh, A.**, Shankar, R., Ha, S. Y., An, J. G., Yim, U. H., 2019b. Suspended particles enhance biodegradation of oil in the sea. *Science of the Total Environment*. 685: 324-331.
- (3) **Loh, A.**, Yim, U. H., Ha, S. Y., An, J. G., Shankar, R., 2019a. Fate of residual oils during remediation activities after the *Wu Yi San* oil spill. *Marine Pollution Bulletin*. 138: 328-332.
- (4) **Loh, A.**, Yim, U. H., Ha, S. Y., An, J. G., 2018. A preliminary study on the role of suspended particulate matter in the bioavailability of oil-derived polycyclic aromatic hydrocarbons to oysters. *Science of the Total Environment*. 643: 1084-1090.
- (5) **Loh, A.**, Yim, U. H., Ha, S. Y., An, J. G., Kim, M., 2017. Contamination and human health risk assessment of polycyclic aromatic hydrocarbons (PAHs) in oysters after the *Wu Yi San* oil spill in Korea. *Archives of Environmental Contamination and Toxicology*. 73(1): 103-117.
- (6) **Loh, A.**, Yim, U. H., 2016. A review of the effects of particle types on oil-suspended particulate matter aggregate formation. *Ocean Science Journal*. 51(4): 535-548.

### Masters' Degree

Formation mechanism and fate of Oil-Suspended particulate matter Aggregates (OSA) in the marine environment

- Related Publication: (1) **Loh, A.**, Shim, W. J., Ha, S. Y. and Yim, U. H., 2014. Oil-suspended particulate matter aggregates: formation mechanism and fate in the marine environment. *Ocean Science Journal*. 49(4): 329-341.
- (2) Sakari, M., Hsia, B. S., Tahir, R., Rafiq, S., Nahavandi, R., Shah, M. D., Annammala. K. V., Soon, Z. Y., and **Loh, A. J. Y.**, 2014. Estuary and sea-associated wetlands as final sink for organic pollutants: a case study in Sabah, Malaysia. *International Journal of Environment and Bioenergy*. 9(1): 1-16.

### Bachelor's Degree

Characterization, identification and quantification of petroleum hydrocarbons in surface sediment of Putatan River, Sabah

- Related Publication: (1) Sakari, M., Ting, L. S., Houn, L. Y., Lim, S. K., Tahir, R., Adnan, F. A. F., **Loh, A. J. Y.**, Soon, Z. Y., Hsia, B. S. and Shah, M. D., 2012. Urban effluent discharge into rivers; a forensic chemistry approach to evaluate the environmental deterioration. *World Applied Sciences Journal*. 20(9): 1227-1235.

## Language Proficiency

Mother tongue: English

Level of knowledge on languages:

<u>No.</u>	<u>Language</u>	<u>Speak</u>	<u>Read</u>	<u>Write</u>
1.	English	FL	FL	FL
2.	Malay	FL	FL	FL
3.	Korean	FL	FL	FL
4.	Cantonese	FL	LM	LM
5.	Mandarin	WK	LM	LM

Note: LIMITED (LM) = Limited conversation, reading of newspapers, routine correspondence. WORKING KNOWLEDGE (WK) = Engage freely in discussions, read and write more complex material. FLUENT (FL) = Speak, read and write nearly as well as mother tongue.