

Walter DELLISANTI



Employment

State Key Laboratory of Marine Pollution (City University of Hong Kong)

City University of Hong Kong

22 Oct 2020 → 3 May 2021

State Key Laboratory of Marine Pollution (City University of Hong Kong)

City University of Hong Kong

13 Feb 2017 → 9 Aug 2017

Doctor of Philosophy (Student), PhD Biomedical Sciences

Department of Biomedical Sciences

City University of Hong Kong

1 Sept 2017 → 28 Jan 2021

Research outputs

Corrigendum to "Hong Kong's subtropical scleractinian coral communities: Baseline, environmental drivers and management implications" [Mar. Pollut. Bull. 167 (2021): 112289]

Yeung, Y. H., Xie, J. Y., Kwok, C. K., Kei, K., Ang, P., Chan, L. L. & Dellisanti, W. & 3 others, Cheang, C. C., Chow, W.-K. & Qiu, J.-W., Aug 2023, In: Marine Pollution Bulletin. 193, 115243.

Seasonal drivers of productivity and calcification in the coral *Platygyra carnosa* in a subtropical reef

Dellisanti, W., Chung, J. T. H., Yiu, S. K. F., Tsang, R. H. L., Ang, P., Yeung, Y. H. & Qiu, J.-W. & 4 others, McIlroy, S. E., Wells, M. L., Wu, J. & Chan, L. L., 2023, In: Frontiers in Marine Science. 10, 994591.Scopus citations: 4

Using Margalef's vision to understand the current aquatic microbial ecology

Borrero-Santiago, A. R., Dellisanti, W., Sánchez-Quinto, A., Moreno-Andrés, J., Nemoj, P., Richa, K. & Valdespino-Castillo, P. M. & 6 others, Diaz-de-Quijano, D., Ontiveros, V. J., Fontana, S., Giner, C. R., Sanz-Sáez, I. & Mestre, M., Mar 2022, In: Scientia Marina. 86, 1, e026.

Experimental Techniques to Assess Coral Physiology *in situ* Under Global and Local Stressors: Current Approaches and Novel Insights

Dellisanti, W., Chung, J. T. H., Chow, C. F. Y., Wu, J., Wells, M. L. & Chan, L. L., Jun 2021, In: Frontiers in Physiology. 12, 656562.Scopus citations: 4

Hong Kong's subtropical scleractinian coral communities: Baseline, environmental drivers and management implications

Yeung, Y. H., Xie, J. Y., Kwok, C. K., Kei, K., Ang, P., Chan, L. L. & Dellisanti, W. & 3 others, Cheang, C. C., Chow, W. K. & Qiu, J.-W., Jun 2021, In: Marine Pollution Bulletin. 167, 112289.Scopus citations: 25

Characterizing the Host Coral Proteome of *Platygyra carnosa* Using Suspension Trapping (S-Trap)

Ma, H., Liao, H., Dellisanti, W., Sun, Y., Chan, L. L. & Zhang, L., 5 Mar 2021, In: Journal of Proteome Research. 20, 3, p. 1783–1791.Scopus citations: 4

Experimental Techniques to Assess Coral Physiology In Situ: Current Approaches and Novel Insights

DELLISANTI, W., CHUNG, J. T. H., CHOW, C. F. Y., WU, J., WELLS, M. L. & CHAN, L. L., 28 Dec 2020, (Online published) In: Preprints.

A Diver-Portable Respirometry System for *in-situ* Short-Term Measurements of Coral Metabolic Health and Rates of Calcification

Dellisanti, W., Tsang, R. H. L., Ang, P., Wu, J., Wells, M. L. & Chan, L. L., Nov 2020, In: *Frontiers in Marine Science*. 7, 571451. Scopus citations: 12

Metabolic performance and thermal and salinity tolerance of the coral *Platygyra carmosa* in Hong Kong waters

Dellisanti, W., Tsang, R. H. L., Ang Jr, P., Wu, J., Wells, M. L. & Chan, L. L., Apr 2020, In: *Marine Pollution Bulletin*. 153, 111005. Scopus citations: 7

The future of coral communities in high temperature and rainfall scenarios: a casa study from Hong Kong

DELLISANTI, W., WU, J. & CHAN, L. L., 26 Jun 2019, (Presented).

The coral health status of *Platygyra* spp. at thermal and salinity tolerance limits in Hong Kong waters

Dellisanti, W., Chung, T. H., Tsang, R. H. L., Ang, P., Wells, M. L., Wu, J. & Chan, L., 13 Jun 2019, (Presented).

The physiological response to high temperature and low salinity of Hong Kong's *Platygyra* spp. corals by underwater respirometry observations

Dellisanti, W., Tsang, R. H., Ang Jr, P., Wells, M. L., Wu, J. & Chan, L. L., 12 Mar 2019, (Presented).

The short-term plasticity of Hong Kong's *Platygyra* sp. corals: insight on coral in-situ metabolism and ex-situ manipulations

Dellisanti, W., Tsang, R. H., Ang Jr, P., Wu, J. & Chan, L. L., 7 Jan 2019, (Presented).

The short-term plasticity of Hong Kong's *Platygyra* sp. corals: a new insight on coral in-situ metabolism and ex-situ manipulations

Dellisanti, W., Tsang, R. H., Ang Jr, P., Wu, J. & Chan, L., Jan 2019, (Presented).

Distribution patterns of organic pollutants and microbial processes in marine sediments across a gradient of anthropogenic impact

Zoppini, A., Ademollo, N., Patrolecco, L., Langone, L., Lungarini, S., Dellisanti, W. & Amalfitano, S., Nov 2018, In: *Environmental Pollution*. 242, Part B, p. 1860-1870. Scopus citations: 12

Advances in coral in-situ metabolism of Hong Kong coral communities

Dellisanti, W., Wu, J. & Chan, L., Jun 2018.

Activities

4th Xiamen Symposium on Marine Environmental Sciences (XMAS-IV)

DELLISANTI, W. (Participant)

6 Jan 2019 → 9 Jan 2019

International Training Course on Coral Health Index

DELLISANTI, W. (Participant)

22 Oct 2018 → 2 Nov 2018

WESTPAC Training Workshop on Introductory Scientific Diving for Marine Benthic Dinoflagellates Sampling and Processing

DELLISANTI, W. (Participant)

17 Sept 2018 → 21 Sept 2018

4th Asia Pacific Coral Reef Symposium (APCRS 2018)

DELLISANTI, W. (Participant)

4 Jun 2018 → 8 Jun 2018

Assessing the value of marine ecosystem services to raise the public awareness
DELLISANTI, W. (Speaker)
16 Apr 2018

Xiamen University
DELLISANTI, W. (Visiting Researcher)
16 Sept 2017 → 30 Sept 2017

The long-term conservation program to save the Ocean: the Reef-Check Foundation
DELLISANTI, W. (Speaker)
26 Jul 2017

BMS Research Gala
DELLISANTI, W. (Participant)
5 Jun 2017

Prizes

Best oral presentation
DELLISANTI, W. (Recipient), 26 Jun 2019

Best Paper Award - Second Prize
DELLISANTI, W. (Recipient), 12 Mar 2019

Chow Yei Ching School of Graduate Studies Entrance Scholarships
DELLISANTI, W. (Recipient), 1 Sept 2017

The Marine Pollution Bulletin Award for The Best Student Oral Presentation
DELLISANTI, W. (Recipient), 14 Jun 2019

Press/Media

"Chasing Coral" Screening and Discussion
DELLISANTI, W.
13/01/18
1 Media contribution

From Diver to Scientist: My Journey Exploring the Underwater World
DELLISANTI, W.
13/04/18
1 Media contribution

#HKSeaStories: Italian researcher is one of HK's "coral doctors"
DELLISANTI, W.
2/06/20
1 Media contribution

Ocean3C EDU students SYMPOSIUM
DELLISANTI, W.
21/01/20
1 item of Media coverage

On the far edge of Hong Kong, unexpectedly thriving coral reefs

DELLISANTI, W.

4/07/18

1 Media contribution

THE SECRET LIFE OF CORALS – INTERVIEW WITH WALTER DELLISANTI

DELLISANTI, W.

16/04/20

1 item of Media coverage