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Postdoc

Marine Biological Section
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Kort præsentation

I am a passionate marine scientist interested in organismal physiology under environmental changes. My current research interests focus on studying the health status of corals and their metabolic performance to predict future conditions and prioritize conservation efforts. I have expertise in using novel technologies to explore organismal ecophysiology *in situ* and in the laboratory, with the ambition to include multidisciplinary aspects in international networks of marine scientists.

Kvalifikationer

Biomedical Sciences, PhD, City University of Hong Kong
Dimissionsdato: 16 feb. 2021

Marine Biology, MSc, University of Bologna
Dimissionsdato: 12 dec. 2012

Biological Sciences, BSc, Università degli Studi di Trieste
Dimissionsdato: 7 okt. 2010

Ansættelse

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31 dec. 2022 → nu

Publikationer

Contrasting effects of increasing dissolved iron on photosynthesis and O_2 availability in the gastric cavity of two Mediterranean corals
Dellisanti, Walter, Zhang, Qingfeng, Ferrier-pagès, C. & Kühl, Michael, 2024, I: PeerJ. 12, 24 s., e17259.

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A short review on the recent method development for extraction and identification of microplastics in mussels and fish, two major groups of seafood
Dellisanti, Walter, Leung, M. M. L., Lam, K. W. K., Wang, Y., Hu, M., Lo, H. S. & Fang, J. K. H., 2023, I: Marine Pollution Bulletin. 186, 12 s., 114221.

Seasonal drivers of productivity and calcification in the coral *Platygyra carnosa* in a subtropical reef
Dellisanti, Walter, Chung, J. T. H., Yiu, S. K. F., Tsang, R. H. L., Ang, P., Yeung, Y. H., Qiu, J. W., McIlroy, S. E., Wells, M. L., Wu, J. & Chan, L. L., 2023, I: Frontiers in Marine Science. 10, 12 s., 994591.

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Using Margalef's vision to understand the current aquatic microbial ecology
Borrero-Santiago, A. R., Dellisanti, Walter, Sánchez-Quinto, A., Moreno-Andrés, J., Nemoy, P., Kumari, R., Valdespino-Castillo, P. M., Diaz-de-Quijano, D., Jiménez-Ontiveros, V. L., Fontana, S., Giner, C. R., Sanz-Sáez, I. & Mestre, M., 2022 , I: Scientia Marina. 86, 1, 9 s., e026.

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Cruise Report EUROFLEETS2 ESAW-2 'Evolution and spreading of the Southern Adriatic Waters'(ESAW) ESAW-2
Kovacevic, V., Bensi, M., Giani, M., Dellisanti, Walter, Urbini, L., Pacciaroni, M., Muslim, S., Mihanovic, H., Pavlovic, M. & Karthauser, C., 2021, *Relazione Interna OGS 2021/50 OCE 21.*

Experimental techniques to assess coral physiology *in situ* under global and local stressors: Current approaches and novel insights
Dellisanti, Walter, Chung, J. T., Chow, C. F., Wu, J., Wells, M. L. & Chan, L. L., 2021, I: Frontiers in Physiology. 12, 17 s., 656562.

Hong Kong's subtropical scleractinian coral communities: Baseline, environmental drivers and management implications [Inkl. Corrigendum]
Yeung, Y. H., Xie, J. Y., Kwok, C. K., Kei, K., Ang Jr, P., Chan, L. L., Dellisanti, Walter, Cheang, C. C., Chow, W. K. & Qiu, J., 2021, I: Marine Pollution Bulletin. 167, 12 s., 112289.

A diver-portable respirometry system for *in-situ* short-term measurements of coral metabolic health and rates of calcification
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First mesocosm experiments to study the impacts of ocean acidification on plankton communities in the NW Mediterranean Sea (MedSeA project)
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Maugendre, L., Gattuso, J., Poulton, A., Dellisanti, Walter, Gaubert, M., Guieu, C. & Gazeau, F., 2017, I: Estuarine, Coastal and Shelf Science. 186, s. 89-99 11 s.

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Microbial processes and organic priority substances in marine coastal sediments (Adriatic Sea, Italy)
Zoppini, A., Ademollo, N., Amalfitano, S., Dellisanti, Walter, Lungarini, S., Miserocchi, S., Patrolecco, L. & Langone, L., 2015, *EGU General Assembly Conference Abstracts.* s. 10443 1 s.

Changes in the microbial community based on seawater pH variations
Dellisanti, Walter, 2012