

Dr Jay Mar QUEVEDO

ResearchGate: <https://www.researchgate.net/profile/Jay-Mar-Quevedo>

Google Scholar: <https://scholar.google.com/citations?user=eEJECN4AAAAJ&hl=en>

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Education

- PhD (Environmental Studies), Tohoku University, Japan
 - MS (Marine Science), University of the Philippines – Diliman, Philippines
 - BS (Biology, Major in Ecology), Visayas State University, Philippines
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Professional Experience

MAY 2023 – PRESENT

Research Fellow, Asia Research Institute, NUS

- Working under the “Climate Governance of Nature-based Carbon Sinks in Southeast Asia” project

APRIL 2022 – APRIL 2023

Postdoctoral Fellow, The University of Tokyo, Japan

- Conducted and delivered research activities for two international research projects
- Mentored graduate students and co-managed the laboratory’s daily activities

OCTOBER 2021 – MARCH 2022

Postdoctoral Fellow, Nagoya University, Japan

- Coordinated and conducted research activities for two international research projects

OCTOBER 2018 – SEPTEMBER 2021

PhD Student/Researcher, Tohoku University, Japan

- Facilitated and conducted research activities for an international research project

AUGUST 2015 – AUGUST 2018

Researcher, Bluewater Consultancy, Philippines

- Conducted heritage mapping, perception surveys and focus group discussions

MARCH 2010 – JULY 2015

Research Assistant, The Marine Science Institute, University of the Philippines - Diliman, Philippines

- Co-supervised fieldwork activities, co-wrote technical reports and other deliverables, conducted biogeochemical analyses

Sep 2023

FEBRUARY 2009 – FEBRUARY 2010

Quality Control Analyst, PrimeEdge Tradelink Co., Philippines

- Coordinated industry-grade cleaning solutions to business operators

MAY 2008 – OCTOBER 2008

Lecture/Laboratory Instructor, University of the Visayas (Dalaguete), Philippines

- Gave lectures and laboratory activities for general biology and chemistry courses

Research Area/Topic/Discipline

Environmental Studies; Climate Change; Blue Carbon; Nature-based Solutions; Coastal Resource Management; Community Perceptions; Participatory Research

Short Biography

Dr Jay Mar D. Quevedo is a Research Fellow with the Inter-Asia Engagements Cluster, under the Climate Governance of Nature-Based Carbon Sinks in Southeast Asia Project. He is a transdisciplinary scientist working at the science and policy interface of blue carbon (BC) ecosystems in the Philippines and Indonesia. He is interested in understanding community perceptions of BC and co-benefits, BC ecosystem restorations as nature-based solutions, and BC management using mixed-method approaches such as perception surveys, participatory mapping, and quantitative analyses. He has authored several peer-reviewed articles on BC and has been involved in the development of the BC roadmap, BC strategy, and BC monitoring toolkit.

Publications

Selected works (first-authored publications)

Refereed Articles

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2023). Progress of blue carbon research: 12 years of global trends based on content analysis of peer-reviewed and 'gray literature' documents, *Ocean and Coastal Management*, 236, 106495. <https://doi.org/10.1016/j.ocecoaman.2023.106495>

Quevedo, JMD, Lukman, KM, Ulumuddin, YI, Uchiyama Y, Kohsaka, R (2023). Applying the DPSIR framework to qualitatively assess the globally important mangrove ecosystems of Indonesia: A review towards evidence-based policymaking approaches, *Marine Policy*, 147, 105354. <https://doi.org/10.1016/j.marpol.2022.105354>

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2022). Community perceptions of long-term mangrove cover changes and its drivers from a typhoon-prone province in the Philippines, *Ambio*, 51, 972–989. <https://doi.org/10.1007/s13280-021-01608-9>

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2022). Understanding rural and urban

perceptions of seagrass ecosystem services for their blue carbon conservation strategies in the Philippines, *Ecological Research*. <https://doi.org/10.1111/1440-1703.12325>

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2021). A blue carbon ecosystems qualitative assessment applying the DPSIR framework: Local perspective of global benefits and contributions, *Marine Policy*, 128, 104462. <https://doi.org/10.1016/j.marpol.2021.104462>.

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2021). Local perceptions of blue carbon ecosystem infrastructures in Panay Island, Philippines. *Coastal Engineering Journal*, 63, 227–247. <https://doi.org/10.1080/21664250.2021.1888558>.

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2021). Are municipalities ready for integrating blue carbon concepts?: Content analysis of coastal management plans in the Philippines, *Coastal Management*, 49, 334–355. <https://doi.org/10.1080/08920753.2021.1928455>

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2021). Linking blue carbon ecosystems with sustainable tourism: Dichotomy of urban–rural local perspectives from the Philippines, *Regional Studies in Marine Science*, 45, 101820. <https://doi.org/10.1016/j.rsma.2021.101820>.

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2021). How blue carbon ecosystems are perceived by local communities in the Coral Triangle: Comparative and empirical examinations in the Philippines and Indonesia, *Sustainability*, 13, 127. <https://doi.org/10.3390/su13010127>.

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2020). Perceptions of the seagrass ecosystems for the local communities of Eastern Samar, Philippines: Preliminary results and prospects of blue carbon services, *Ocean and Coastal Management*, 191, 105181. <https://doi.org/10.1016/j.ocecoaman.2020.105181>

Quevedo, JMD, Uchiyama, Y, Kohsaka, R (2020). Perceptions of local communities on mangrove forests, their services and management: implications for Eco-DRR and blue carbon management for Eastern Samar, Philippines, *Journal of Forest Research*, 25, 1–11. <https://doi.org/10.1080/13416979.2019.1696441>

Awards/Grants and Distinctions

Professional Director for Sustainable Environment (PDSE) aware: International Environmental Leadership Program – Tohoku University (2021)

Japanese Government Scholar through the Ministry of Education, Culture, Sports, Science and Technology (MEXT) Scholarship under the Science and Technology Research Partnership for Sustainable Development Program (SATREPS), 2018-2021