

CURRICULUM VITAE

CLETO L. NAÑOLA JR.

Professor

College of Science and Mathematics

University of the Philippines in Mindanao, Mintal, Davao City 8022, Philippines

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EDUCATIONAL BACKGROUND

PhD Marine Science, University of the Philippines, Diliman, Quezon City

MS Marine Science, University of the Philippines, Diliman, Quezon City

BS Zoology, MSU-Iligan Institute of Technology, Iligan City

Current Employer/Position:

Professor 8, University of the Philippines Mindanao, Mintal, Tugbok District, Davao City 8000;
Telefax: (082) 2930302

Administrative Position:

Director, March 2022 to present, Office of Research, University of the Philippines Mindanao, Mintal Davao City

Director, March 2021-February 2022, Office of Extension and Community Service, University of the Philippines Mindanao, Mintal, Davao City

Department Chair, June 2014 to July 2019. Biological Sciences and Environmental Studies, College of Science and Mathematics, University of the Philippines Mindanao, Mintal, Davao City

Field Of Specialization:

Reef resiliency; Reef fish biodiversity; Reef Fisheries; Coastal Resource Management; Impact of perturbations on reefs

Awards:

Professorial Chair Award for Teaching and Research (2019-2021). Award given by the University of the Philippines System.

One U.P. Professorial Chair Award in Marine Science (Reef Ecology) for Outstanding Research and Public Service in UPMindanao (2016-2018). Award given by the University of the Philippine System.

Best paper Awardee: Best published paper in Marine Fisheries Category of the 14th Dr. Elvira O. Tan Memorial Awards for 2000. For the paper "The Fisheries Potential of the Kalayaan Island Group, South China Sea. The Marine Biology of the South China Sea." In: B. Morton (ed). Proceedings of the Third International Conference on the Marine Biology of the South China Sea. 28 October –1 November 1996, Hong Kong, Hong Kong University Press, Hong Kong

Best paper Awardee: AFMA Best R&D Paper Award in Fisheries and Marine Science Midstream/Downstream (unpublished category) of the 12th National Research Symposium. For the paper entitled "Status of Philippine Reef Fish Communities. Presented at the Workshop on the Status of Philippine Reefs. Marine Science Institute, University of the Philippines, Diliman, Quezon City. 24 January 2000." Awarded at BAR, Diliman, Quezon City, 5 October 2000

Outstanding Book Award for 2005. For the book entitled "Atlas of the Philippine Corals" authored by Aliño, P.M., E.F.B. Miclat, C.L. Nañola Jr., H.A. Roa-Quiaoit and R.T. Campos. Given by National Academy of Science and Technology (NAST).

Employment history:

January 2021 to present; Professor 8

January 2019 to December 2020; Professor 5

January 2014 to December 2018; Associate Professor 5

November 2012 to January 2014; Assistant Professor 7

June 2001 to December 2012; Assistant Professor 4

University of the Philippines Mindanao, Tugbok District, Mintal, Davao City

June 1997-May 2001

University Researcher I, University of the Philippines Mindanao, Tugbok District, Mintal, Davao City

Job description and responsibilities: Conduct of research on reef fish assessment and biodiversity, monitoring of marine protected areas (MPA). Taught ecology subjects equivalent to 3 units per semester.

January 1996-June 1996

Research Associate, Coral Reef Information Network of the Philippines, Marine Science Institute, University of the Philippines, Diliman, Quezon City

Job description and responsibilities: Establishment of web base coral reef information and maintain database of reef fish and corals.

January 1994 - September 1995

Component Leader, Habitat and Ecological Component, Resource and Ecological Assessment of Ragay Gulf, Marine Science Institute, University of the Philippines, Diliman, Quezon City

June 1988 - July 1993

Study Leader, Fishery Stock Assessment-Collaborative Research Support Program (FSA-CRSP), Marine Science Institute, University of the Philippines, Diliman, Quezon City

June 1986 - June 1988

Research Assistant, Fishery Stock Assessment-Collaborative Research Support Program (FSA-CRSP), Marine Science Institute, University of the Philippines, Diliman, Quezon City 1101 and Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development, Department of Science and Technology Los Baños, Laguna 4020.

Publications by type:

Book/Book Chapter/Co-editors/Manuals

Roa-Quiaoit HA, Abesamis RA, Mamauag SS, **Nañola CL Jr.**, Cruz-Trinidad A. 2019 (contributor: Nature's Bounty). In Aliño PM, Batino LB and Tiquio MGJP (eds). Philippine Coral Reef: Our National Treasure and Global Heritage. The Marine Science Institute, University of the Philippines Diliman, Quezon City, Philippines. ISBN: 978-621-8152-0-8

Nañola CL Jr. 2019 (contributor: Davao Gulf). In Aliño PM, Batino LB and Tiquio MGJP (eds). Philippine Coral Reef: Our National Treasure and Global Heritage. The Marine Science Institute, University of the Philippines Diliman, Quezon City, Philippines. ISBN: 978-621-8152-0-8

De Guzman, A.B., Abrea, R.A., **Nañola, C.L.** and W.H. Uy. 2010. Monitoring Marine Protected Areas in the Asia-Pacific Region: A Training Manual. Asia-Pacific Network for Global Change Research and MSU Naawan Foundation for Science and Technology Development, Inc. 65p.

- Tun, K., C. Loke Ming, T. Yeemin, N. Phongsuwan, A. Yang Amri, N. Ho, K. Sour, N. Van Long, C. **Nañola**, D. Lane, Y. Tuti. 2008. Status of coral reefs in Southeast Asia. In: C. Wilkinson (ed). 2008. Status of Coral Reefs of the World: 2008. Global Coral Reef Monitoring Network and Reef and Rainforest Research Centre, Townsville, Australia , 296 p. www.gcrmn.org
- Aliño PM, **CL Nañola Jr.**, W Campos, V Hilomen, A Uychiaoco and S Mamauag. 2004. Philippine Coral Reef Fisheries: Diversity in Adversity. In DA-BFAR (Department of Agriculture-Bureau of Fisheries and Aquatic Resources). In Turbulent Seas: The status of Philippine marine fisheries. Coastal Resource Management Project of the Department of Environment and Natural Resources, Cebu City, Philippines, 378 p.
- Nañola CL Jr.** 2003. Diversity of reef fishes in the Kalayaan Island Group. In Aliño, P.M. and Quibilan, M.C. (eds). The Kalayaan Islands: Our Natural Heritage. University of the Philippines Marine Science Institute, Quezon City. Pp92.
- Aliño PM, EFB Miclat, **CL Nañola Jr.**, HA Roa-Quiaoit and RT Campos (eds.) 2002. Atlas of Philippine Coral Reefs. Philippine Coral Reef Information (PhilReefs). Goodwill Trading Co., Inc. (Goodwill Bookstore), Quezon City, Philippines. xvi+264 pp.
- Nañola CL Jr.**, PM Aliño, AL Dantis, MCG Rañola, VV Hilomen and JPB Cabansag. 2002. Understanding Philippine Reef Fishes: A Key to Fisheries Management and Marine Biodiversity Conservation. In Aliño PM, EFB Miclat, CL Nañola Jr., HA Roa-Quiaoit and RT Campos (eds.) 2002. Atlas of Philippine Coral Reefs. Philippine Coral Reef Information (PhilReefs). Goodwill Trading Co., Inc. (Goodwill Bookstore), Quezon City, Philippines p. 22-26.
- Nañola CL Jr.**, Bolinao. 2002. In Aliño PM, EFB Miclat, CL Nañola Jr., HA Roa-Quiaoit and RT Campos (eds.) 2002. Atlas of Philippine Coral Reefs. Philippine Coral Reef Information (PhilReefs). Goodwill Trading Co., Inc. (Goodwill Bookstore), Quezon City, Philippines. p.31-34.
- Nañola CL Jr.**, Ragay Gulf. 2002. In Aliño PM, EFB Miclat, CL Nañola Jr., HA Roa-Quiaoit and RT Campos (eds.) 2002. Atlas of Philippine Coral Reefs. Philippine Coral Reef Information (PhilReefs). Goodwill Trading Co., Inc. (Goodwill Bookstore), Quezon City, Philippines. p. 64-68.
- Jimenez LA, AC Eballe and **CL Nañola Jr.** Pujada Bay. Aliño PM, EFB Miclat, CL Nañola Jr., HA Roa-Quiaoit and RT Campos (eds.) 2002. Atlas of Philippine Coral Reefs. Philippine Coral Reef Information (PhilReefs). Goodwill Trading Co., Inc. (Goodwill Bookstore), Quezon City, Philippines. p.189-190.
- Hilomen, VV, **CL Nañola, Jr.**, DO Ochavillo, A Dantis and PM Aliño. 2002. Reef fishes. In. Ong, PS, LE Afuang, and RG Rosell-Ambal (eds). Philippine Biodiversity Conservation Priorities: A second iteration of the national biodiversity strategy and action plan. Department of Environment and Natural Resources-Protected Areas and Wildlife Bureau, Conservation International Philippines, Biodiversity Conservation Program-University of the Philippines Center for Integrative and Developmental Studies, and Foundation for the Philippine Environment, Quezon City, Philippines. p. 52
- De Jesus EA, DAD Diamante-Fabunan, **CL Nañola**, AT White and HJ Cabangon. 2001. Coastal Environmental Profile of Sarangani Bay. Coastal Resource Management Project, Cebu City, Philippines, 102.p.
- McManus JWL, **CL Nañola Jr.**, AG del Norte, RB Reyes Jr, JN Pasamonte, NP Armada, ED Gomez and PM Aliño. (1995). Coral Reef Fishery Sampling Methods. In: VF Gallucci, SB Saila and DJ Gustafson (eds.) Stock Assessment: Quantitative Methods and Applications for Small-Scale Fisheries. CRC Publishers.
- McManus JWL., **CL Nañola, Jr.**, RB Reyes Jr. and KN Kesner. (1992). Resource Ecology of Bolinao. ICLARM Review.

ISI/Scopus Journals

- Labrador KL, Fotaleza MA, Cabasan JP, Elumba ME, **Nañola CL Jr.** 2022. Genetic diversity and population connectivity of the Greenblotch Parrotfish (*Scarus quoyi* Valenciennes, 1840) within Southern Mindanao inferred from mitochondrial 16S rRNA. *Philippine Journal of Science* 151 (6B): 2305-2314
- Sarmiento JM, Mendez QLT, Estaña LMB, Giray ES, **Nañola CL Jr.**, Alviola PA IV. 2021. The role of motorized boats in fisher's productivity in marine protected versus non-protected areas in Davao Gulf, Philippines. *Environment, Development and Sustainability* <https://doi.org/10.1007/s10668-021-01354-8>
- Aurellado MEB, Ticzon VS, **Nañola CL Jr.**, Cabansag JBP, Bacabac MMA, Sorgon KES, Simon ANP, Hilomen VV. 2021. Effectiveness of Philippine Nationally Managed Marine Reserves in Improving Biomass and Trophic Structure of Coral Reef Fish Communities. *Coastal Management* DOI: 10.1080/08920753.2021.1899944.
- Fortaleza, MA, Lanutan JJ, Consuegra JM, **Nañola CL Jr.** 2021. Diversity of Echinoderms in Intertidal and Shallow-water Areas of Samal Island, Philippines. *Philippine Journal of Science* 150(S1): 281-297.
- Nañola CL Jr.**, Paradela MAC, A Songco A, Pagliawan MR, Alarcon R, Santos M. 2021. First Report on the Density and Size Frequency Distribution of Napoleon Wrasse *Cheilinus undulatus* in the Tubbataha Reefs Natural Park, Philippines. *Philippine Journal of Science* 150(1): 209-221
- Joqueño CM, Sarmiento JMP, Estaña LMB, **Nañola CL Jr.**, Alviola PA-IV. 2021. Seasonal Change, fishing revenues and nutrient intakes of fisher's children in Davao Gulf, Philippines. *Philippine Journal of Science* 150(1): 307-323.
- Zapanta EYT, Fortaleza MA, Elumba ME, Uy RCL, **Nañola CL Jr.**, 2020. Diel movement patterns of Pacific sugar limpet, *Patelloida saccharina* (Gastropoda: Patellogastropoda: Lottiidae) in response to semi-diurnal tides of Samal Island, Philippines. *Raffles Bulletin of Zoology* 68:870-879.
- Muallil RN, Tambihasan AM, Enojario MJ, Ong YN, **Nañola CL** 2020. Inventory of commercially important coral reef fishes in Tawi-Tawi Islands, Southern Philippines: The Heart of the Coral Triangle. *Fisheries Research*, 230, 105640. doi:10.1016/j.fishres.2020.105640
- Muallil, RN, Deocadez MR, Martinez RJS, Campos WL, Mamauag SS, **Nañola CL** and Alino PM (2019). Effectiveness of small locally-managed marine protected areas for coral reef fisheries management in the Philippines. *Ocean and Coastal Management* 179:104831
- Elumba ME, Mata MA, Abpi MM, **Nañola CL** (2019). Age-based growth variation of green-blotched parrotfish, *Scarus quoyi* in the Southern Philippine Seas. *Philippine Journal of Science* 148(2):417-423.
- Novero AU, Pasaporte MS, Aurelio RM, Madanguit CJG, Tinoy MRM, Luayon MS, **Nañola CL** (2018) The use of light detection and ranging (LiDAR) technology and GIS in the assessment and mapping of bioresources in Davao Region, Mindanao Island, Philippines. *Remote Sensing Applications: Society and Environment*. doi:10.1016/j.rsase.2018.10.011
- Nacorda, HME, Dizon RM, Meñez LAB, **Nañola CL Jr.**, Roa-Chio PB, de Jesus DO, Hernandez HB, Quimpo FTT, Licuanana WRY, Aliño PM, Villanoy CL (2017) Beneath 50 m NW Pacific Water: Coral reefs on the Benham Bank Seamount off the Philippine Sea. *JESAM* 20-2: 110-121.
- Muallil RN, Deocadez MR, Martinez RJS, Mamauag SS, **Nañola Jr CL**, Alino PM (2015). Community assemblages of commercially important coral reef fishes inside and outside marine protected areas in the Philippines. *Regional Studies in Marine Science*. <http://dx.doi.org/10.1016/j.rsma.2015.03.004>
- Cabral RB, PM Aliño, ACM Balingit, CM Alis, HO Arceo, **CL Nañola Jr.** RC Geronimo and MSN Partners. 2014. The Philippine Marine Protected Area (MPA) Database. *Phil. Sci. Lett.* 2:300-308.

- Comeros-Raynal MT, JH Choat, BA Polidoro, KD Clements, R Abesamis, MT Craig, ME Lazuardi, J McIlwain, A Muljadi, RF Myers, **CL Nañola Jr.**, S Pardede, LA Rocha, B Russell, JC Sanciangco, B Stockwell, H Harwell, KE Carpenter (2012). The Likelihood of Extinction of Iconic and Dominant Herbivores and Detritivores of Coral Reefs: The Parrotfishes and Surgeonfishes. PLoS ONE 7(7): e39825. doi:10.1371/journal.pone.0039825
- Licuanan WY, ML Medina, KS Luzon, MS Samson, **CL Nañola Jr.**, RN Rollon and MY Roleda (2011). Priority reef areas in the Pacific coast of the Philippines for Marine Protected Area deployment. Philipp Agric Scientist Vol 94 (4): 62-78
- Nañola CL**, PM Aliño, KE Carpenter (2011) Exploitation-related reef fish species richness depletion in the epicenter of marine biodiversity. Environ Biol Fish (2011) 90:405–420, DOI 10.1007/s10641-010-9750-6
- McManus JW, RB Reyes Jr. and **CL Nañola Jr.** (1997). Effects of some destructive fishing practices on coral cover and potential rates of recovery. Environmental Management Vol. 21, No. 1, pp. 69-78

Non-ISI Journals ((International & Local):

- Fortaleza MA, Uy RCL, Elumba ME, **Nañola Jr CL**. 2019. Age-Growth parameters of crescent grunter, *Terapon jarbua* (Forsskal 1775) in Mindanao, Philippines. Philippine Journal of Natural Science, 24:42-49.
- Cabasan JP, MGDSML Solier, LTC Manuel, MAC Paradela, **CL Nanola**. 2017. Morphological differentiation in the populations of three reef fishes with varying pelagic larval strategies in the southern Philippine seas. Coastal Ecosystems 4:1-11.
- Fortaleza M and **Nañola CL**. 2017. Age determination and body length relationship of two-spot red snapper (*Lutjanus bohar*) F. Lutjanidae). BANWA B. 12res003.
- Nañola CL Jr**, CM Plasabas, AS Ballesteros III, RB Agustin, MSA Suaybaguio and M Cozo. 2013. Ecological and economic assessment of two marine protected areas in the island garden city of Samal, Davao Gulf, Philippines. Galaxea, Journal of Coral Reef Studies (Special Issue): 309-322
- Baird MR, **CL Nañola Jr.**, MJ Perez and WC Pollisco. 2013. Unified fisheries ordinance: a policy approach towards bay wide fishery management in Sibugay Province, the Philippines Galaxea, Journal of Coral Reef Studies (Special Issue): 400-410
- Agustin RB and **CL Nañola Jr** (2013) Spatio-temporal distribution and abundance of crown-of-thorns starfish (*Acanthaster planci* L.) in three marine protected areas (MPAs) around the Island Garden City of Samal, Philippines. BANWA 10 (1): 33-49
- Nañola CL Jr.**, and JA Ingles (2003) The reef fishes and fisheries of Davao Gulf, Philippines: Quo Vadis? UPV Journal Nat. Sci. 8:142-151.
- Rañola MC, PM Aliño and **CL Nañola Jr.** (2002). Distribution of Reef-associated fishes along the eastern Philippine Seaboard, with emphasis on selected species with limited dispersal capacity. UPV Journal Nat. Sci. 7(1&2):192-197.
- Miclat M., P Aliño, N Aragonese, C. **Nañola Jr**, E. Aguilar, E. (1991). Pa-aling: an alternative to Muro-ami? Philipp. J. Fish. 22: 39-48.

Proceedings (International):

- Mesa A, Largo SM, **Nanola CL**, Agrazamendez M, Novero AU. 2016. A web-based system for marine fishes mapping and assessment. Proceedings of the 37th Asian Conference on Remote Sensing. Vol 3: 2531-2540.
- Galaura AJQ, Sarmiento JM, Alviola IV PA, Marie Analiz Limpoco MAAA, **Nañola Jr. CL**, Novero AU. 2015. Measuring the economic impact of climate determinants on Davao Region aquaculture: A Ricardian Approach. Proceedings of the 36th Asian Conference on Remote Sensing. Vol 6: 4580-4589
- Aurelio RM, Onez JPB, Pasaporte MS, **Nañola Jr CL**, Novero AU. 2015. Assessment of the status of coral reef areas in Sta Cruz and Malalag, Davao del Sur using Landsat Satellite imageries. Proceedings of the 36th Asian Conference on Remote Sensing. Vol 2: 1842-1848.
- Mualil, RN, MR Deocadez, RJS Martinez, SS Mamauag, **CL Nañola Jr.** and PM Alino. 2014. The role of small marine protected areas in heavily fished Philippine coral reef ecosystems. Proceedings of the 2nd World small-scale Fisheries Congress in Merida, Mexico, 21-26 September 2014.
- Nañola CL Jr.**, AC Alcala, PM Aliño, HO Arceo, WL Campos, ED Gomez, WY Licuanan, MCC Quibilan, AJ Uychiaco and AT White. 2006. Status report of the coral reefs in the Philippines. Proceedings of the 10th International Coral Reef Symposium pp.1055-1061.
- Arceo HO, **CL Nañola Jr.** and PM Aliño. 2006. Spatio-temporal juvenile community structure: delivering recruitment patterns of coral reef fishes in the Philippines. Proceedings of the 10th International Coral Reef Symposium in Okinawa. Pp. 359-366.
- Nañola CL Jr.**, JW McManus, WL Campos, AGC del Norte, RB Reyes Jr., JBP Cabansag and JND Pasamonte (1990). Spatio-temporal variations in community structure on a heavily fished forereef slope in Bolinao, Philippines. in "The Second Asian Fisheries Forum" (Hirano, R. and I. Hanyu, eds.) pp. 377-380. Asian Fisheries Society, Manila, Philippines.
- del Norte, A.G.C., **Nañola, C.L. Jr.**, McManus, JW, RB Reyes Jr., WL Campos and JBP Cabansag (1989). Overfishing on a Philippine coral reef-A glimpse into the future. Coastal Zone '89:Proc. 6th Symp. Coastal and Ocean Management, South Carolina, July 11-14, 1989. 4:3087-3097.
- Aliño PM, **CL Nañola Jr.**, DG Ochavillo and MC Rañola. (1998). The Fisheries Potential of the Kalayaan Island Group, South China Sea. The Marine Biology of the South China Sea. In B. Morton (ed). Proceedings of the Third International Conference on the Marine Biology of the South China Sea. Hong Kong University Press, Hong Kong. Pp. 219-226.
- Nañola CL Jr.**, DG Ochavillo and PM Aliño. 1997. The Significance of the High Biodiversity of Reef Fishes in the Kalayaan Island Group to the South China Sea. Proc. of Scientific Conference on RP-VN JOMSRE-SCS '96. Hanoi. Pp. 114-128.
- Nañola CL Jr.**, IS Pamintuan, and PM Aliño. (1994). Spatial distribution of fish communities in Calauag Bay, Northeastern Philippines In "Proc. 3rd ASEAN-Australia Symp. Living Coastal Resources" (Sudara, S., C.R. Wilkinson, L.M. Chou, eds), pp.2:263-268. Chulalongkorn University, Bangkok, Thailand.
- Aliño PM, IS Pamintuan and **CL Nañola Jr.** (1994). Considerations of spatial scaling in artificial reef monitoring. 3rd ASEAN-Australia Symposium, Bangkok, Thailand, May 15-21, 1994.

Proceedings (Local):

- PM Alino, **CL Nanola**, DD Jesus and 14 others 2014. Status of Philippine Coral Reefs (2008-2014). PhilReefs 2014. State of the Coast: Sustaining the State of the Coasts Reporting. PhilReefs, PCAARRD and Marine Science Institute, UP Diliman, Quezon City pp. 10-15
- Quibilan MCC, F. Panga, M Deocadez, R Martinez, **CL Nanola Jr** and PM Alino. 2015. Deriving insights on reef resilience from long-term monitoring of coral and reef fish communities in El Nido, Palawan. Coral Reef Information Network of the Philippines (PhilReefs).2015. PhilReefs 2014. State

- of the Coast: Sustaining the State of the Coasts Reporting. PhilReefs, PCAARRD and Marine Science Institute, UP Diliman, Quezon City pp. 33-39
- Cleland D, RN Mualil, MV Doctor, RGG Cabate, **CL Nañola Jr.**, and RJS Martinez 2010. El Nido, Palawan. In Coral Reef Information Network of the Philippines (PhilReefs). State of the Coasts Reporting. Coral Reef Information Network of the Philippines (PhilReefs), MPA Support Network, Marine Environment and Resources Foundation, Inc. and the Marine Science Institute, University of the Philippines, Diliman, Quezon City pp. 65-68
- Nañola CL Jr.**, MP Atrigenio and RJS Martinez 2010. Davao Gulf. In Coral Reef Information Network of the Philippines (PhilReefs). State of the Coasts Reporting. Coral Reef Information Network of the Philippines (PhilReefs), MPA Support Network, Marine Environment and Resources Foundation, Inc. and the Marine Science Institute, University of the Philippines, Diliman, Quezon City pp. 96-98
- Mellomeda-Quezada, L, JD Montera, MR Baird and **CL Nañola** 2010. Island Garden City of Samal (IGACOSC). In Coral Reef Information Network of the Philippines (PhilReefs). State of the Coasts Reporting. Coral Reef Information Network of the Philippines (PhilReefs), MPA Support Network, Marine Environment and Resources Foundation, Inc. and the Marine Science Institute, University of the Philippines, Diliman, Quezon City pp. 99-104
- Nañola, CL Jr** and MR Baird. 2008. MPA Management and State of the Coast in Zamboanga Sibugay Province. In Coral Reef Information Network of the Philippines (PhilReefs). 2008. Reefs Through Time 2008: Initiating the State of the Coasts Reports. Coral Reef Information Network of the Philippines (PhilReefs), MPA Support Network, Marine Environment & Resources Foundation, Inc. and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. pp 122-130.
- Baird, MR and **CL Nañola Jr.** 2008. Maloong Canal Marine Protected Area, Lamitan City, Basilan. In Coral Reef Information Network of the Philippines (PhilReefs). 2008. Reefs Through Time 2008: Initiating the State of the Coasts Reports. Coral Reef Information Network of the Philippines (PhilReefs), MPA Support Network, Marine Environment & Resources Foundation, Inc. and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. pp 131-134.
- Nañola CL Jr.** and M Baird. 2007. Naga, Zamboanga Sibugay. In PM Aliño (ed). Fisheries Information for Sustainable Harvest Bio-economic Model (FISH BE Library of Models). Philippine Environmental Governance (EcoGov2) Project, Pasig City, Philippines. pp. 39-44.
- Nañola CL Jr.** and M Baird. 2007. Tungawan, Zamboanga Sibugay. In PM Aliño (ed). Fisheries Information for Sustainable Harvest Bio-economic Model (FISH BE Library of Models). Philippine Environmental Governance (EcoGov2) Project, Pasig City, Philippines. pp. 45-51.
- Nañola CL Jr.** and M Baird. 2007. RT Lim, Zamboanga Sibugay. In PM Aliño (ed). Fisheries Information for Sustainable Harvest Bio-economic Model (FISH BE Library of Models). Philippine Environmental Governance (EcoGov2) Project, Pasig City, Philippines. pp. 52-57.
- Nañola CL Jr.** and M Baird. 2007. Payao, Zamboanga Sibugay. In PM Aliño (ed). Fisheries Information for Sustainable Harvest Bio-economic Model (FISH BE Library of Models). Philippine Environmental Governance (EcoGov2) Project, Pasig City, Philippines. pp. 58-63.
- Nañola CL**, HO Arceo, MR Deocadez, A Uychiacoco, AT White and PM Aliño. 2007. The importance of initial biomass value in the accumulation of fish in Marine Protected Areas. pp. 356-357 in Day, JC, J Senior, S Monk and W Neal, editors. 2007. First International Marine Protected Areas Congress, 23-27 October 2005, conference proceedings: IMPAC1 2005, Geelong, Victoria, Australia.
- Arceo HO, PM Aliño and **CL Nañola**. 2007. Adult-juvenile reef-fish relationships and their significance to marine protected areas. pp. 358-360 in Day, JC, J Senior, S Monk and W Neal, editors. 2007. First

- International Marine Protected Areas Congress, 23-27 October 2005, conference proceedings: IMPAC1 2005, Geelong, Victoria, Australia.
- Quibilan MC, PM Aliño, MI Laririt and **CL Nañola Jr.** 2005. Chapter 1.7. Bacuit Bay, El Nido, Palawan. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp 55-61.*
- Nañola CL Jr.,** HO Arceo and AJ Uychiaoco. 2005. Chapter 1.8. Port Barton Marine Park, San Vicente Palawan. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp. 62-67*
- Arceo HO, AJ Uychiaoco and **CL Nañola Jr.** 2005. Chapter 2.2 Gilutongan Marine Sanctuary, Cordova, Cebu. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp79-84.*
- Arceo HO, AJ Uychiaoco and **CL Nañola Jr.** 2005. Chapter 2.7. Sibulan Marine Sanctuary, Sibulan, Negros Oriental. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp105-109.*
- Arceo HO, AJ Uychiaoco and **CL Nañola Jr.** 2005. Chapter 2.14 Lomboy-Kahayag Fish Sanctuary, Calape, Bohol. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp133-138.*
- Arceo HO, AJ Uychiaoco and **CL Nañola Jr.** 2005. Chapter 2.15 Cabacongan Fish Sanctuary, Loon, Bohol. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp139-144.*
- Nañola CL Jr.** 2005. Chapter 5. The Celebes Sea Biogeographic Region. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp204-208.*
- Arceo HO, AJ Uychiaoco and **CL Nañola Jr.** 2005. Chapter 5.3 Tuka Reef Marine Park, Kiamba, Sarangani Province. *In Coral Reef Information Network of the Philippines (PhilReefs). Reefs through time: 2004 Biennial report of the Status of the Philippine coral reefs. Coral Reef Information Network of the Philippines (PhilReefs) and the Marine Science Institute, University of the Philippines, Diliman, Quezon City, Philippines. Pp218-222.*
- Nañola CL Jr.,** HO Arceo, AJ Uychiaoco, PM Aliño and AT White. 2003. Monitoring the effects of marine protected areas in CRMP Learning Areas (1997-2003). Coastal Resource Management Project, Cebu City, Philippines.
- Nañola CL Jr.** 2003. Chapter 37 Celebes Sea Region. *In Coral Reef Information Network of the Philippines (Philreefs). Philippine Coral Reefs Through Time: Workshop Proceedings. Second of the Atlas of Philippine Coral Reefs Series. Coral Reef Information Network of the Philippines (Philreefs),*

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- Aliño PM, LT McManus, JW McManus, **CL Nañola Jr.**, MD Fortes, GC Trono Jr., and GS Jacinto, (1993). Initial parameter estimations of a coral reef flat ecosystem in Bolinao, Pangasinan Northwestern Philippines. In V. Christensen and D. Pauly (eds.). Trophic models of aquatic ecosystem. ICLARM Conf. Proc. 26, 390 p.

Technical reports:

- Nañola, CL Jr.** and MA Paradela (2020) Evaluation of selected MPAs in Davao Gulf before and after project intervention: Report submitted to WWF-Philippines under the MKBA program of DENR.
- Nañola, CL Jr.** and MA Paradela (2017) Reef fish community assessment of selected MPAs in Davao Gulf: Part II. Report submitted to WWF-Philippines under the MKBA program of DENR.
- Nañola, CL Jr.**, A Songco, M Paradela, R Paglinawon, R Alarcon (2017) Density and size frequency distribution of Napoleon Wrasse in Tubbataha Reef Natural Park, Philippines. Report submitted to Tubbataha Management Office, Puerto Princesa. Funded by GIZ.
- Nañola, CL Jr.** and MA Paradela (2016) Reef fish community assessment of selected MPAs in Davao Gulf. Report submitted to WWF-Philippines under the MKBA program of DENR.
- Nañola, CL Jr.**, HAR Quiaoit, MH Tetangco, VE Cabezon, IG Pagtolun-an. 2015 Mid-Term performance evaluation of USAID/Philippines Ecosystems Improved for Sustainable Fisheries Project. Contractor: Sustainable Development Solutions, Corp. SDS.
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- Nañola, C.L. Jr.,** JH Tolentino, MAC Paradela, JP Cabasan, LA Jimenez, AC Ebale and BJ Nanual (2014) Exploring the connectivity of reef fish populations and enhancement of community awareness on CRM along the eastern Pacific Seaboard. Technical Report submitted to DENR-XI.
- Nañola, CL Jr.** and MA Paradela (2013) The status of coral reefs and its associated fishes of San Vicente, Palawan and its implication to reef management. Technical Report submitted to Ecotown Project implemented by Climate Change Commission.
- Nañola, CL Jr.** and MA Paradela (2012) The status of coral reefs and its associated fishes in Siargao and Bucas Grande Islands and its implication to reef management. Technical Report submitted to Ecotown Project implemented by Climate Change Commission.
- Nañola, C.L. Jr.** (2010) Ecological And Economic Impact Assessment Of Two Marine Protected Areas In The Island Garden City Of Samal. Technical Report submitted to CHED ZRC XI.
- Nañola, C.L. Jr.,** J.P.B. Cabansag, A.L.S. Bautista and P.M. Aliño. (1996). A survey of the coral reef fishes in Ragay Gulf, Philippines. In Resource and Ecological Assessment of Ragay Gulf, UPLBFI, Los Baños, Laguna. Technical Report.
- Nañola, C.L. Jr.,** J.P.B. Cabansag and P.M. Aliño. (1996). Coral reef classification of Ragay Gulf: Implications to the coastal zone management of the gulf. In Resource and Ecological Assessment of Ragay Gulf, UPLBFI, Los Baños, Laguna. Technical Report.
- Nañola, C.L. Jr.** and J.P.B. Cabansag. (1994). A survey of the coral reef fishes in Lagonoy Gulf, Philippines. In Resource and Ecological Assessment of Lagonoy Gulf, ICLARM, Makati City.
- McManus, J.W., **Nañola, C.L. Jr.,** Reyes, R.B. Jr. and Kesner, K.N. 1993. Ecological effects of harvesting on a Philippine fringing reef. Research on the Ecological Effects of Fishing (REEF). Final Technical Report I.
- McManus, J.W., Reyes, R.B. Jr., **Nañola, C.L. Jr.,** and Kesner, K.N. 1993. The proposed Bolinao Marine Reserve/Park System: Ecological and reef use factors. Research on the Ecological Effects of Fishing (REEF). Final Technical Report II.

Consultancies:

- March to August 2022, Consultant for the Yearend project evaluation of Fisheries, Coastal Resources, and Livelihood ((FishCORAL) Project implemented by BFAR and funded by International Fund for Agricultural Development (IFAD). Evaluation under the Sustainable Development Solutions (SDS), Manila
- May to December 2021 (extended until April 2022)
Consultant (Fisheries Component). National Agriculture and Fisheries Modernization and Industrialization Plan, Project of Department of Agriculture. Implemented by SEARCA, UP Los Baños, Laguna
- August to December 2019
Technical Consultant, Reef fish profiling/ biomass study on Representative MPAs in Davao Gulf. Under the Marine Key Biodiversity Area Project of DENR implemented by WWF Philippines
- May to October 2018
Technical Consultant, Assessment of Napoleon Wrasse in Tubbataha Reef. Funded by GEF
- June to August 2017
Technical Consultant, Part II: Davao Gulf MPA Management Plans Review and Updating. Under the Marine Key Biodiversity Area Project of DENR implemented by WWF Philippines
- May 15 to June 30, 2016
Technical Consultant, Part I: Davao Gulf MPA Management Plans Review and Updating. Under the Marine Key Biodiversity Area Project of DENR implemented by WWF Philippines

July 2015 to October 2015

Team Leader, Midterm Performance Evaluation USAID/Philippines' Ecosystems Improved for Sustainable Fisheries Project (ECOFISH) funded by USAID Philippines. Midterm Evaluation Report Conducted by Sustainable Development Solutions (SDS), Manila.

October 2012 to October 2015

CRM Specialist, Strengthening Climate Change Resilience through Improved Watershed and Coastal Resources Management in Protected Areas in Peñablanca and Siargao under the Philippine Climate Change Adaptation Project (PhilCCAP).

May 2013 to July 2013

Marine Biologist, Natural Resource Assessment for San Vicente, Palawan Eco-town. Climate Change Commission's (CCC) *Ecotown* initiative being supported by the USAID-funded Climate Change and Clean Energy Project (CEnergy).

May 2012 to July 2012

Marine Biologist, Natural Resource Assessment for the Siargao Island Eco-town. Climate Change Commission's (CCC) *Ecotown* initiative being supported by the USAID-funded Climate Change and Clean Energy Project (CEnergy).

December 2011-February 2012 and August 2012-November 2012

Marine Biologist, Consultancy Services for the Assessment and Baseline of Biological Parameters for the Implementing Climate Adaptation Strategies in the World's Most Outstanding Natural Places – Island Garden City of Samal, Davao del Norte. Project funded by WWF-Philippines.

October 2010-May 2011

Marine Biologist, Philippine Environmental Governance Project (ECOGOV2). Zamboanga Sibugay and Basilan Provinces. Marine Ecosystem Resource Foundation (MERF), Inc. and Development Alternatives, Inc. (DAI). Project funded by USAID. October 2010-May 2011

October 2009-September 2010

Technical Consultant, Philippine Environmental Governance Project (ECOGOV2). Marine Ecosystem Resource Foundation (MERF), Inc. and Development Alternatives, Inc. (DAI). Project funded by USAID.

February 2005-November 2007

Technical Consultant, Philippine Environmental Governance Project (ECOGOV2). Marine Ecosystem Resource Foundation (MERF), Inc. and Development Alternatives, Inc. (DAI). Project funded by USAID.

November-August 2004

Technical Consultant, Establishing baseline information for Fisheries Improved for Sustainable Harvest (FISH). Marine Ecosystem Resource Foundation (MERF), Inc. and Development Alternatives, Inc. (DAI). Project funded by USAID.

March-December 2003

Technical Consultant, Training and monitoring of Marine Protected Areas (MPA). Project funded by the USAID through the Coastal Resource Management Project

July -December 2002

Technical Consultant, Batanes Integrated Fisheries and Marine Resources Development (BIFMRD) Project. Managed by Development and Environmental Management, Inc. (DPEM). Quezon City.

May 2002

Technical Consultant, Marine Environment and Resources Foundation, Inc., University of the Philippines, Diliman, Quezon City

March-April 2001

Cleto L. Nañola Jr.

- Technical Consultant, Reef fish Studies, Resource Assessment of Davao Gulf, Fishery Resource Management Project-DA.
February 2000-February 2001
Technical Consultant, Resource Assessment of Honda and Puerto Princesa Bays, Fishery Resource Management Project-DA.
March-September 1998
Technical Consultant, Environmental Assessment of Franklin Baker Company, Sta. Cruz, Davao del Sur
February 1997-February 1999
Technical Consultant, Research and Training, Coastal Resource Management Project (CRMP), Sarangani Bay, Sarangani Province. Sponsored by USAID and managed by PRC Environmental Management, Inc., Cebu City
April - July 1996
Technical Staff, Champion Central Coral Reef Survey, Brunei. Sponsored by Brunei Shell Petroleum Company Sendirian Berhad and managed by Marine Ecosystem Resource Foundation (MERF), Quezon City
August 1995 - December 1995
Technical Consultant, Convention for the International Trade of Endangered Species (CITES) of Flora and Fauna. Managed by Marine Ecosystem Resource Foundation (MERF), Quezon City and Marine Science Institute, University of the Philippines, Diliman, Quezon City
May 1-6, 1995
Trainor, Training Workshop on Coral Reef Survey Methods held at Davao Oriental State College of Science and Technology, Mati, Davao Oriental. Managed by Marine Science Institute, University of the Philippines, Diliman, Quezon City
May - July 1994
Technical Staff, Champion Central Coral Reef Survey, Brunei. Sponsored by Brunei Shell Petroleum Company Sendirian Berhad and managed by Marine Ecosystem Resource Foundation (MERF), Quezon City
April 25 to May 9, 1994
Trainor, Training-Workshop on Coastal Resources Survey Methods held at Buyong Beach Resort, Mactan Is., Cebu. Sponsored by the Department of Environment and Natural Resources (DENR) and managed by Marine Ecosystem Resource Foundation (MERF), Quezon City
October 1993 to September 1994
Technical Consultant, Resource and Ecological Assessment of Lagonoy Gulf (Habitat Component). Sponsored by DA-BFAR and managed by International Center for Living Aquatic Resources Management (ICLARM), Salcedo St., Makati City
October 1993
Trainor, Workshop on coral and reef fish community survey methods held at SEAFDEC, Iloilo. Sponsored by SEAFDEC and managed by Marine Ecosystem Resource Foundation (MERF), Quezon City
August 1993 to November 1993
Technical Staff, Marine Environmental Impact Study, Northeast coast of Palawan. Sponsored by Shell Philippines Exploration, Shell Philippines, Inc. and managed by Marine Ecosystem Resource Foundation (MERF), Quezon City
June 1992 to August 1993.
Technical Staff, Resource and Ecological Assessment of Calauag Bay (Habitat Component). Sponsored by DA-BFAR and managed by Environmental Primemovers of Asia, Inc., Makati City

Completed project under UPMindanao:

Project Leader: DNA Barcoding and Genetic Diversity of Selected Marine Fishes along the Bifurcation of the North Equatorial Current, January 16, 2018 to May 15, 2021. Funded by DOST-GIA

Project Leader: DNA Barcoding of Selected Marine Fishes in Davao Province and Sulu Archipelago, January 1, 2018 to 15 April 2020. Funded by PCAARRD-GIA

Program: Coral Reef Visualization and Assessment (CoRVA), Project 3: Developing strategies to improve resiliency and increase productivity of reef fish communities in the Philippines (January 2014-December 2014; August 2015 to March 2017). Implemented by UPLB and funded by DENR. Served as Study Leader

Enhanced Marine Natural Resource and Biodiversity Management in the Philippines by Extending Population Connectivity Research (May 2012-August 2015), USAID, as Study Leader

Exploring the connectivity of reef fish populations and enhancement of community awareness on CRM along the eastern Pacific Seaboard (2013-2015). DENR-XI, Project Leader

Program: Sustainable Development of the Philippine Tuna Value Chain; Project 1: DNA-Based Identification and Gene Flow of the Prey Items of Yellowfin Tuna, *Thunnus albacores*, along the South and Southern Coasts of Mindanao (January 2013-April 2014; February 2015 – March 2016), CHED, Project Leader

Ecological and Economic Impact Assessment of Two Marine Protected Areas In The Island Garden City of Samal, (2009-2010), CHED ZRC XI, Project Leader

Exploring the Connectivity of Reef Fish Populations in Three Adjacent Bays along the Southeastern Coasts on Mindanao using Molecular Techniques (November 2010-October 2011), UPMindanao, Project Leader

Capacity Building for HEI's in Region XI MPA Benchmarking and Monitoring: An Adaptive Mechanism for Climate Change (October 2010-July 2012), CHED, Project Leader

On-going project under UPMindanao:

Project Leader: Bio-economic Assessment and Modelling of Reef Fisheries in Davao Gulf for Sustainable Harvest, June 2018 to May 2020. Extended until November 2021. Funded by CHED under the DARE TO Program

Program Leader: Applied Biodiversity ReseArch for Holistic Advancements in Mindanao (ABRAHAM) DOST-funded Program (Year 1-October 1, 2021 to September 30, 2022; slated for 3 years)

Project Leader: Population Genomics and Species Diversity of Reef Fishes between Sulu and Celebes Seas Biogeographic Regions under the DOST-funded Program ABRAHAM: (Year 1-October 1, 2021 to September 30, 2022; slated for 3 years)

Trainings/workshops/symposia attended:

February 24-March 4, 2020

Trainer: Training-Workshop on laboratory techniques and data analysis for fish biology. Mindanao State University-Tawi Tawi College of Technology and Oceanography, Bongao, Tawi-Tawi. Funded by CHED DARE TO, DOST-PCAARRD, MSU-TCTO

July 3 to 5, 2019

Paper Presenter: 15th National Symposium in Marine Science, Banga, Aklan, Philippines.

June 4 to 8, 2018

Paper Presenter: 4th Asia Pacific Coral Reef Symposium, Cebu City, Philippines

February 27 to March 1, 2018

Paper presenter: 2nd CCORE-RENSEA Seminar on Coastal Ecosystems in Southeast Asia, UP Visayas, Iloilo City

December 4 – 9, 2017

Paper Presenter: Society for Coastal Ecosystems Studies-Asia Pacific (SCESAP), 3rd International Biodiversity Symposium. Cebu City, Philippines

August 3-4, 2017

Paper Presenter: 2nd International Conference on Environmental Science, UP Los Baños, Laguna.

July 13 – 15, 2017

Paper Presenter: 14th National Symposium in Marine Science, Nasugbu, Batangas

August 21 to 27, 2016

Resource Person, Writeshops on 2016 Country Status Report for Napoleon Wrasse (NW) and Sharks under BMU-GIZ SSME Project, San Remigio, Cebu

July 28-29, 2016

Trainor, Fish Visual Census for DENR XI, Mabini, Compostela Valley, Davao del Norte

July 8-10, 2016

Paper presenter, 5th National Conference on Environmental Science, MSU-TCTO Campus, Sanga-Sanga, Bongao, Tawi-Tawi

October 22-24, 2015

Organizer, paper presenter: 13th National Symposium in Marine Science, Gen. Santos City.

July 3-7, 2015

Paper presenter: Society for Coastal Ecosystems Studies-Asia Pacific (SCESAP), Chulalongkorn University, Bangkok, Thailand.

June 23-27, 2014

Paper Presenter: 3rd Asia Pacific Coral Reef Symposium. Pingtung, Taiwan

October 24-26, 2013

Paper Presenter: 12th National Symposium in Marine Science, UP Tacloban, Tacloban City

October 20-22, 2011

Paper Presenter: 11th National Symposium in Marine Science, Development Academy of the Philippines, Tagaytay City, Cavite

June 20-24, 2010

Paper Presenter: 2nd Asia Pacific Coral Reef Symposium. Phuket, Thailand

May 3-7, 2010

Resource Person, Global Species Assessment: Acanthurids, Tripterygiids and Clinids for IUCN Red List of Threatened Species. IUCN and CI, Cebu, Philippines.

October 22-24, 2009

Paper Presenter: 10th National Symposium in Marine Science, Eden Garden, Davao City

March 23-28, 2009

Resource Person, Global Species Assessment: Labrids and Blennies for IUCN Red List of Threatened Species. IUCN and CI, Dumaguete, Philippines.

April 30, 2008

Participant, 2nd National Conference on Harmful Algal Blooms, The Marine Science Institute, College of Science, Univ. of the Phil., Diliman, Quezon City

October 27-28, 2007

Participant, Coastal Zone Philippines 2: Sustainable Financing in MPA Congress, Punta Villa Resort, Iloilo City

October 24-26, 2007

Cleto L. Nañola Jr.

Paper Presenter: 9th National Symposium in Marine Science, Punta Villa Resort, Iloilo City
June 18-24, 2006

Paper Presenter: 1st Asia Pacific Coral Reef Symposium. Hong Kong
October 23-27, 2005

Paper Presenter: International Marine Protected Area Congress. Geelong, Australia
June 28 to July 2, 2004

Paper Presenter: 10th International Coral Reef Symposium. Okinawa, Japan.
January 24, 2004.

Paper Presenter. Workshop on the Status of Philippine Reefs. Marine Science Institute, University of the Philippines, Diliman, Quezon City.
December 2-4, 2003

Participant, International Workshop on Reef Monitoring Data. WorldFish Center, Penang, Malaysia.
Organized by WorldFish Center and the Japanese Ministry of Environment
November 10-11, 2003

Participant, National Workshop on Applying Fishbase in the Philippines. WorldFish Center, Los Banos, Laguna. Organized by WorldFish Center
October 22-24, 2003

Paper Presenter, 7th National Symposium in Marine Science, Cagayan de Oro City.
October 29-30, 2003

Participant, Developing an Information Framework for Building Fish Taxonomy Expertise. Amigo Terrace Hotel, Iloilo City. Worldfish Center and College of Fisheries and Ocean Sciences, University of the Philippines, Miagao, Iloilo
March 8-12, 2002

Participant, State of the Hotspots Writeshop, Hotel Monticello, Baguio City. Conservation International
November 5-8, 2001

Participant, Global International Waters Assessment (GIWA) Workshop, Bangkok, Thailand
October 20-22, 2001

Paper Presenter, 6th National Symposium in Marine Science, Dumaguete City
July 24-28, 2001

Participant, Global International Waters Assessment (GIWA) Workshop, Bangkok, Thailand.
December 4-8, 2000

Paper Presenter. National Biodiversity Conservation Priority-Setting Workshop (NBCPSW). White Rock Hotel, Subic, Olongapo.
23-27 October 2000

Paper Presenter. 9th International Coral Reef Symposium. Bali, Indonesia
January 24, 2000.

Co-presenter. Workshop on the Status of Philippine Reefs. Marine Science Institute, University of the Philippines, Diliman, Quezon City.
October 17-19, 1999.

Paper Presenter, 5th National Symposium in the Marine Science. Marine Science Institute, University of the Philippines, Diliman, Quezon City.
October 20-22, 1999

Paper Presenter, 4th International Symposium on the Marine Biology of the South China Sea. Marine Science Institute, University of the Philippines, Diliman, Quezon City.
November 16-20 1998.

Participant, 19th Asian Conference on Remote Sensing. Traders Hotel Manila, Philippines.
Oct 21-23, 1998

Cleto L. Nañola Jr.

- Paper Presentor, Symposium on Marine Biodiversity in the Visayas and Mindanao. UP Visayas, Miag-ao, Iloilo.
April 20-30, 1998
Facilitator/Lecturer, Integrated Coastal Zone Management, Villa Victoria Beach Resort, Davao City, CRMP-USAID.
- October 27-November 1, 1996
Paper Presentor, Third International Symposium on the Marine Biology of the South China Sea, Hong Kong University, Hong Kong
- October 1-10, 1995
Participant/Secretariat, Western Central Pacific (WCP) Living Marine Resources Identification Guide Workshop. Marine Science Institute, University of the Philippines, Diliman, Quezon City
- April 19-21, 1995
Paper Presentor, National Symposium-Workshop on Coral Reef Resources Management & Conservation, Olongapo City
- May 15-21, 1994
Paper Presentor, 3rd ASEAN-AUSTRALIA Symposium, Chulalongkhorn University, Bangkok, Thailand
- June 21-25, 1993
Participant/Secretariat, Advanced Tropical Fisheries Analysis Workshop (ATFAW), Bolinao, Pangasinan, Philippines
- November 5-7, 1992
Paper Presentor, 2nd National Symposium in Marine Science, Bongao, Tawi-tawi, Philippines
- June 22-26, 1992
Paper Presentor, 7th International Coral Reef Symposium, Guam, U.S.A.
- June 1-8, 1992
Participant/Secretariat, Workshop on Coral and Fish Recruitment, Bolinao, Pangasinan, Philippines
- May 1991
Participant/Secretariat, Workshop on Coral Taxonomy, Bolinao, Pangasinan, Philippines
- May 16-18, 1990
Participant/Secretariat, First National Symposium in Marine Science, Bolinao, Pangasinan, Philippines
- April 18-21, 1989
Paper Presentor, Second Asian Fisheries Forum, Tokyo, Japan
- October 17-23, 1987
Participant, International Tropical Fisheries Conference and Workshop, (ITROFIC), Manila, Philippines