



# SPHERES

Specialized Philippine Enterprise Reference of Experts and Scientists

Volume 7 No. 2 December 2023

## **ABOUT THE SPECIALIZED PHILIPPINE ENTERPRISE REFERENCE OF EXPERTS AND SCIENTISTS (SPHERES)**

The Division of Documentation of the National Institute of Science and Technology published the first volume of the Philippine Men of Science in 1964. It contained one hundred one bio-bibliographies of living men and women in the field of science and technology. It keeps track of our scientists and their contributions for the information and benefit of all. The compilation aims to provide interested users a useful and effective reference.

In 2012, the 24<sup>th</sup> volume of the Philippine Men of Science was uploaded online to make it more visible and accessible to users. Subsequently, the publication was renamed as the Philippine Men and Women of Science in 2013 to adopt a gender-sensitive title.

Today, the publication is given a new name – Specialized Philippine Enterprise Reference of Experts and Scientists (SPHERES).

The SPHERES brand introduces a new function with a new focus. When it comes to Filipino scientists and experts and their bio-bibliographic information, this compilation serves as a specialized reference for the public. Now with a gender-neutral emphasis and an inclusive sphere of influence, SPHERES is the name to remember.

Each volume of SPHERES consists of two issues annually.

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**Article title:** Estimating the Recreational Value and Setting Entrance Fees during Early Development of Ecotourism Sites: the Case of Bataan Natural Park

**Authors:** Arielle R. Fajardo, Asa Jose U. Sajise, Canesio D. Predo, Catherine C. de Luna, Dan Leo Z. Diona II, and Juan M. Pulhin

**Publication title:** Philippine Journal of Science 151(4): 1477-1490, July 2022

*Full text link <https://tinyurl.com/b2mt88k2>*

**Article title:** Unbundling Property Rights among Stakeholders of Bataan Natural Park: Implications to Protected Area Governance in the Philippines

**Authors:** Juan M. Pulhin, Arielle R. Fajardo, Canesio D. Predo, Asa Jose Sajise, Catherine C. De Luna, Dan Leo Z. Diona II

**Publication title:** Journal of Sustainable Forestry 41(3-5):347-369, April 2021

*Full text available upon request to the author/s*

**Article title:** Application of rapid climate decision analysis support tool in assessing climate-sensitive farming decisions in Calapan and Gloria, Oriental Mindoro, Philippines

**Authors:** Dan Leo Z. Diona, Jeffrey Andrew D. Lososo, Canesio Predo, Juan M. Pulhin, Patricia Ann J. Sanchez, Asa Jose U. Sajise, Catherine C. De Luna, Kevin Parton, Peter T. Hayman

**Publication title:** Philippine Agricultural Scientist 103:115-132, December 2020

*Full text available upon request to the author/s*

**Article title:** Community-Based Resource Assessment and Management Planning for the Rice Terraces of Hungduan, Ifugao, Philippines

**Authors:** Margaret M. Calderon, Nathaniel C. Bantayan, Josena T. Dizon, Asa Jose U. Sajise, Analyn L. Codilan and Myranel S. Canceran

**Publication title:** Journal of Environmental Science and Management 18(1):47-53, June 2015  
*Full text link <https://tinyurl.com/4md89v8z>*

**Article title:** Impact of Cooperative Membership on Household Welfare, Evidence from Calamansi Farmers in Oriental Mindoro, Philippines,

**Authors:** Carolyb D. Jimenez, Salvador P. Catelo, Marilyn M. Elauria, Asa Jose U. Sajise

**Publication title:** Journal of Economics, Management and Agricultural Development 4(2):27-44, December 2018  
*Full text available upon request to the author/s*

**Article title:** Determinants of Climate Change Adaptive Behavior in Coastal Communities in Southeast Asia

**Authors:** Asa Jose U. Sajise, Paul Joseph B. Ramirez, Maripaz L. Perez, Jaimie Kim B. Arias, and Glaiza J. Zamora

**Publication title:** Asian Journal of Agriculture and Development (AJAD) 14(2):49-61, December 2017  
*Full text available upon request to the author/s*

**Article title:** A Ridge-to-Reef Ecosystem-Based Valuation Approach to Biodiversity Conservation in Layawan Watershed, Misamis Occidental, Philippines

**Authors:** Julie Carl P. Ureta, Rodel D. Lasco, Asa Jose U. Sajise, Margaret M. Calderon

**Publication title:** Journal of Environmental Science and Management 19(2):64-75, December 2016  
*Full text link <https://tinyurl.com/2p8xfswx>*

**Article title:** Willingness-to-Pay of Tourists for the Conservation of the Ifugao Rice Terraces

**Authors:** Margaret M. Calderon, Josena T. Dizon, Asa Jose U. Sajise and Myranel G. Salvador

**Publication title:** Ecosystems & Development Journal 6(2): 25-34, October 2016  
*Full text link <https://tinyurl.com/2kfc44sn>*

**Article title:** Oroquieta City Households' Willingness to Pay for Coastal Biodiversity Conservation

**Authors:** Julie Carl P. Ureta, Rodel D. Lasco, Asa Jose U. Sajise & Margaret Mejorada Calderon

**Publication title:** Journal of Sustainable Development 7(5), September 2014  
*Full text link <https://tinyurl.com/yuj8psff>*

**Article title:** Willingness to pay for sanitation services in Dagupan City, Philippines

**Authors:** D. S. Harder; A. J. U. Sajise; E. M. Galing

**Publication title:** Journal of Water, Sanitation and Hygiene for Development (2013) 3 (2): 165–180, June 2013

*Full text available upon request to the author/s*

**Article title:** Estimating the Extent and Damage of the UNESCO World Heritage Sites of the Ifugao Rice Terraces, Philippines

**Authors:** Nathaniel C. Bantayan, Margaret M. Calderon, Jose na T. Dizon, Asa Jose U. Sajise and Myranel G. Salvador

**Publication title:** Journal of Environmental Science and Management 15(1):1-5, January 2012

*Full text link <https://tinyurl.com/4rwywrju>*

**Article title:** Youths' Perceptions of and Attitudes Towards the Ifugao Rice Terraces

**Authors:** Jose na T. Dizon, Margaret M. Calderon, Asa Jose U. Sajise, Rogelio T. Andrada II and Myranel G. Salvador

**Publication title:** Journal of Environmental Science and Management 15(1):52-58, January 2012

*Full text link <https://tinyurl.com/mryd5bmk>*

**Article title:** Soil Conservation Decisions and Upland Corn Productivity: A Philippine Case Study

**Authors:** Agnes C. Rola, Asa Jose U. Sajise, Dieldre S. Harder, and Joe Marvin P. Alpuerto

**Publication title:** Asian Journal of Agriculture and Development (AJAD) 6(2):1-19, December 2009

*Full text link <https://tinyurl.com/23jsn85x>*

**Article title:** Towards the Development of a Sustainable Financing Mechanism for the Conservation of the Ifugao Rice Terraces in the Philippines

**Authors:** Margaret M. Calderon, Josefina T. Dizon, Asa Jose U. Sajise, Rogelio T. Andrada II, Nathaniel C. Bantayan and Myranel G. Salvado

**Publication title:** Economy and Environmental Program for Southeast Asia (EEPSEA), January 2009

*Full text link <https://tinyurl.com/3jcb6xdr>*

**Article title:** Community-Based Mapping of the Rice Terraces Inscribed in the UNESCO World Heritage List

**Authors:** Nathaniel C. Bantayan Margaret M. Calderon Josefina T. Dizon Asa Jose U. Sajise Myranel G. Salvador

**Publication title:** Economy and Environmental Program for Southeast Asia (EEPSEA), January 2009

*Full text link <https://tinyurl.com/44k5huka>*

**Article title:** Tourism and Rice Terraces - An Assessment of Funding Options from the Philippines



**Authors:** Margaret M. Calderon, Josefina Tamayo Dizon, Asa Jose U. Sajise, Rogelio Tucay Andrada II, Nathaniel Bantayan, Myranel Gazzingan Salvador

**Publication title:** Economy and Environmental Program for Southeast Asia (EEPSEA), January 2009

*Full text link <https://tinyurl.com/39kfucyk>*

**Article title:** Exploring Environmental Services Incentive Policies for the Philippine Rice Sector: The Case of Intra-Species Agro Biodiversity Conservation

**Authors:** Nobuhiko Fuwa and Asa Jose U. Sajise

**Publication title:** Exploring Environmental Services Incentive Policies for the Philippine Rice Sector, January 2008

*Full text link <https://tinyurl.com/3nwwsa58>*

**Article title:** Paying Too Much for Pollution? - An Assessment of an Environmental User Fee from the Philippines

**Authors:** Maria Angeles Catelo, Asa Jose Sajise, Bernice Anne Darvin and Paul Joseph Ramirez

**Publication title:** Exploring Environmental Services Incentive Policies for the Philippine Rice Sector, January 2008

*Full text link <https://tinyurl.com/4yhas9rd>*

**Article title:** The Ecological and Economic Aspects of the Multifunctional Role of Agroecosystems

**Authors:** Percy E. Sajise and Asa U. Sajise

**Publication title:** Asian Journal of Agriculture and Development (AJAD) 3(1&2), December 2006

*Full text link <https://tinyurl.com/bddcdwp2>*

**Article title:** Payments for Environmental and Cultural Services and the Conservation of the the Ifugao Rice Terraces

**Authors:** Margaret M. Calderon, Josefina T. Dizon, Nathaniel C. Bantayan, Asa Jose U. Sajise, Analyn L. Codilan and Myranel G. Salvador

**Publication title:** not stated

*Full text link <https://tinyurl.com/96wt2ce4>*



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**Article title:** Needs Assessment and Co-creation of Policy Recommendations for DOST-CEST Program Sites: Philippines' Transdisciplinary Approach.

**Authors:** Marife B Dapito, Dhino B Geges, Ron Jay P Dangcalan, Gillian D Consignado, Jennifer Marie S Amparo, Maria Emilinda T Mendoza, Emilia S Visco, Diana A Torio, Rocky T Marcelino, Daniel Joy C Cabauatan, Maria Shiela M Muros, Angelika M Sarmiento, Miciah P Bernardez, Alvaro N Calara, Maria Charisma T Malenab, Rita Mae C Ang-Bon, Caroline D Piñon

**Publication title:** Philippine Journal of Science 152(3), June 2023

*Full text link <https://tinyurl.com/3ua8vkvf>*

**Article title:** Environmental Restorative Justice in the Philippines: The Innovations and Unfinished Business in Waterways Rehabilitation

**Authors:** Jennifer Marie S. Amparo, Ana Christina M. Bibal, Deborah Cleland, Ma. Catriona E. Devanadera, Aaron M. Lecciones, Maria Emilinda T. Mendoza & Emerson M. Sanchez

**Publication title:** The Palgrave Handbook of Environmental Restorative Justice, September 2022

*Full text available upon request to the author/s*

**Article title:** Engaged scholarship and co-production: The role of higher education institutions in urban sustainability—a Pacific Rim perspective

**Authors:** Jennifer Marie S. Amparo, Clarice C. Pulumbarit, Ma Charisma T. Malenab, Ron Jay P. Dangcalan, Maria Emilinda T. Mendoza, Emilia S. Visco, Carla Edith G. Jimena

**Publication title:** The Routledge Handbook of Sustainable Cities and Landscapes in the Pacific Rim, 2022

*Full text available upon request to the author/s*

**Article title:** Academe-led Community Organizing in the Philippines's Economically Disadvantaged Areas: The Case of Science and Technology Community-Based for Inclusive Development (STC4iD) Program

**Authors:** Emilia Visco, Maria Emilinda Mendoza, Diana Torio, Clarice Pulumbarit, Dhino Geges, Jennifer Marie Amparo, Ron Jay Dangcalan, Regina Karla Gache, April Charmaine Soltura, Lorie Alborida, King Niño Manzano

**Publication title:** Journal of Public Affairs and Development 8, 115:136, 2021

*Full text available upon request to the author/s*

**Article title:** Critical Junctures in Disaster Governance: Lessons from Marikina City, Philippines Post-Ketsana

**Authors:** Ron Jay Dangcalan, Jennifer Marie Amparo, Maria Emilinda Mendoza, Carla Edith Jimena, Diana Torio, Nicomedes Alviar

**Publication title:** Asian Journal of Resilience 2(1):1-14, August 2020

*Full text available upon request to the author/s*

**Article title:** Assessment of Fish and Shellfish Consumption of Coastal Barangays along the Marilao-Meycauayan-Obando River System (MMORS), Philippines

**Authors:** Jennifer Marie S. Amparo, Ma Theresa M. Talavera, Aimee Sheree A. Barrion, Maria Emilinda T. Mendoza, Marife B. Dapito

**Publication title:** Malaysian Journal of Nutrition 23(2), September 2017

*Full text link <https://tinyurl.com/muztuaer>*

**Article title:** A balancing act: Managing multiple pressures to fisheries and fish farming in the Marilao-Meycauayan-Obando river system, Philippines

**Authors:** Jennifer Marie S. Amparo, Dhino B. Geges, Ma Charisma T. Malenab, Emilia S. Visco, Maria Emilinda T. Mendoza, Carla Edith G. Jimena, Sue Liza C. Saguiguit, Marlo D. Mendoza, Larah O. Ibanez

**Publication title:** Global change in marine systems 157-170, November 2017

*Full text link <https://tinyurl.com/yykhwhfhz>*

**Article title:** Household vulnerability to climate change in selected municipalities in Laguna, Philippines

**Authors:** Jaimie Kim Arias, Ma Emilinda Mendoza, Vicente Ballaran, Rowena Dorado

**Publication title:** Economy and Environment Program for Southeast Asia (EEPSEA), March 2016

*Full text available upon request to the author/s*

**Article title:** Vulnerability assessment to climate change of households from Mabacan, Sta. Cruz and Balanac Watersheds in Laguna, Philippines

**Authors:** Jaimie Kim Arias, Rowena Dorado, Maria Emilinda Mendoza, Vicente Ballaran Jr, Hazel Maligaya

**Publication title:** Journal of Environmental Science and Management 19(1), 2016

*Full text available upon request to the author/s*

**Article title:** Economic Analysis of Flood Adaptation Options in the Sta. Cruz River Watershed, Laguna, Philippines

**Authors:** Jaimie Kim Bayani Arias, Vicente G. Ballaran Jr, Maria Emilinda T. Mendoza, Rowena A. Dorado, Bessie M. Burgos

**Publication title:** Economy and Environment Program for Southeast Asia (EEPSEA), March 2016

*Full text available upon request to the author/s*

**Article title:** Exploring the Potentials of a Technology-Based Flood Early Warning System in Laguna, Philippines: A Cost-Benefit Analysis

**Authors:** Jaimie Kim B Arias, Rowena A Dorado, Maria Emilinda T Mendoza, Vicente G Ballaran

**Publication title:** Cost-Benefit Studies of Natural Resource Management in Southeast Asia 369-387, 2015

*Full text available upon request to the author/s*

**Article title:** Assessing vulnerability to climate change impacts in Cambodia, the Philippines and Vietnam: An analysis at the commune and household level

**Authors:** Maria Emilinda Mendoza, Heng Naret, Vicente Ballaran Jr, Jamie Kim Arias

**Publication title:** Journal of Environmental Science and Management 17(2), 2014

*Full text available upon request to the author/s*

**Article title:** Climate change vulnerability mapping of selected municipalities in Laguna, Philippines

**Authors:** Vicente G. Ballaran Jr, Maria Emilinda T. Mendoza, Jaimie Kim Bayani-Arias, Rowena A. Dorado, Bessie M. Burgos

**Publication title:** Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)

*Full text available upon request to the author/s*

**Article title:** A transdisciplinary approach to climate change adaptation

**Authors:** Maria Emilinda T. Mendoza, VG Ballaran, Jamie Kim B Arias, Bessie M Burgos

**Publication title:** Knowledge Center on Climate Change Agriculture and Development Notes 3(3), 2014

*Full text available upon request to the author/s*

**Article title:** Perceived effects of lead recycling to selected communities in Bulacan, Philippines

**Authors:** Emilia Visco, Jennifer Amparo, Ma Emilinda Mendoza, Carla Jimena, Devralin Lagos, Rochelle Dumalanta

**Publication title:** Journal of Environmental Science and Management 16(1), 2013

*Full text available upon request to the author/s*

**Article title:** Determining the social acceptability of a large scale quarrying project: The case of Barangay San Rafael, Rodriguez, Rizal Province, Philippines

**Authors:** Carla G. Jimena, Ma Emilinda T. Mendoza, Devralin T. Lagos, Emilia S. Visco, Jennifer S. Amparo

**Publication title:** Asia Life Sciences 22(2): 515537, July 2013

*Full text available upon request to the author/s*

**Article title:** Knowledge, Attitudes and Practices toward toxic and hazardous substances: The case of selected communities in Bulacan, Philippines

**Authors:** MET Mendoza, ES Visco, CEG Jimena, JS Amparo, MD Mendoza

**Publication title:** Journal of Nature Studies 11(1&2): 1-18, 2012

*Full text link <https://tinyurl.com/35fcs7pv>*

**Article title:** Exploring the role of social capital in the conduct of initial site assessments of polluted sites in the Philippines

**Authors:** Jennifer Marie S. Amparo, Marlo D. Mendoza, Maria Emilinda T. Mendoza, Emilia S. Visco, Carla Edith G. Jimena

**Publication title:** Journal of Health and Pollution 1(2):5-13, November 2011

*Full text available upon request to the author/s*

**Article title:** Organizational health as an imperative for a Livelihood Loan Program: the case of CBK's Corporate Social Responsibility (CSR) beneficiaries

**Authors:** Carla Edith G. Jimena, Maria Emilinda T. Mendoza, Tricia C. Ascan

**Publication title:** Journal of Human Ecology (Philippines)

*Full text available upon request to the author/s*

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**Authors:** Loida Vista, Arvin Vista, Josefina T. Dizon, Maria Ana Quimbo, Maria Ana Quimbo

**Publication title:** Climate, Disaster, and Development Journal 5(1):35–49, 2022

*Full text available upon request to the author/s*

**Article title:** Enhancing Adaptive Capacity to Flooding of Households: Evidence from Lakeshore Communities of Pila, Laguna, Philippines

**Authors:** Phoebe B. Ricarte, Arvin B. Vista, Ph.D, Roberto F. Rañola, Jr., Ph.D, Nicomedes DC. Briones, Ph.D

**Publication title:** Climate Disaster and Development Journal 5(1):23–34, 2022

*Full text available upon request to the author/s*

**Article title:** Determinants of corn farmers' to adapt to climate change impacts in Sagbayan, Bohol, Philippines

**Authors:** Zyra May H. Centino and Arvin B. Vista

**Publication title:** Annals of Tropical Research 40(2):77-89, 2018

*Full text available upon request to the author/s*

**Article title:** Estimating the Recreational Value of Taal Volcano Protected Landscape, Philippines Using Benefit Transfer

**Authors:** Arvin Vista

**Publication title:** Journal of Environmental Science and Management 18(1):22-33, June 2015

*Full text available upon request to the author/s*

**Article title:** Simulating climate-induced impacts on Philippine agriculture using computable general equilibrium analysis

**Authors:** Arvin Vista

**Publication title:** Journal of the International Society for Southeast Asian Agricultural Sciences 20(1):16-28, 2014.

*Full text available upon request to the author/s*

**Article title:** Addressing dependency in the sportfishing valuation literature: Implications for meta-regression analysis and benefit transfer

**Authors:** Arvin B. Vista and Randall S. Rosenberger

**Publication title:** Ecological Economics 96:181–189, December 2013

*Full text available upon request to the author/s*

**Article title:** Effectiveness of anti-smuggling policies for selected agricultural commodities in the Philippines

**Authors:** Prudenciano U. Gordoncillo, Cesar B. Quicoy, Julieta A. Delos Reyes and Arvin B. Vista

**Publication title:** Journal of the International Society for Southeast Asian Agricultural Sciences 19(1):8-23, 2013

*Full text link <https://tinyurl.com/2hs7j4cx>*

**Article title:** If You Provide It, Will They Read It? Response Time Effects in a Choice Experiment

**Authors:** Arvin B. Vista, Randall S. Rosenberger, Alan R. Collins

**Publication title:** Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie 57(3):365-377, September 2009

*Full text available upon request to the author/s*

**Article title:** Nutrient loading and efficiency of Tilapia cage culture in Taal Lake, Philippines

**Authors:** Arvin Vista, Patricia Norris, Frank Lupi and Richard Bernsten

**Publication title:** Philippine Agricultural Scientist 89(89):48-57, April 2006

*Full text link <https://tinyurl.com/3zzcn5k9>*

**Article title:** Addressing Dependency in the Sport Fishing Valuation Literature: Implications for Meta-Regression Analysis and In-Sample Benefit Prediction Performance

**Authors:** Arvin B. Vista and Randall S. Rosenberger

**Publication title:** Ecological Economics 96 (2013) 181–189

*Full text available upon request to the author/s*



**DR. ALICE JOAN G. FERRER***Climate Change and Agriculture*

**Sex:** Female

**Fields of Specialization:**

Food security  
Climate change and agriculture  
Environment  
Agriculture  
Fisheries Management  
Marine protected areas  
Fisheries  
Climate

**Researches:**

**Article title:** Farming household adoption of climate-smart agricultural technologies: evidence from North-Central Vietnam

**Authors:** Alice Joan G. Ferrer, Le Ha Thanh, Pham Hong Chuong, Nguyen Tuan Kiet, Vu Thu Trang, Trinh Cong Duc, Jinky C. Hopanda, Benedict Mark Carmelita & Eisen Bernard Bernardo

**Publication title:** Asia-Pacific Journal of Regional Science volume 7:641–663,2023

*Full text link <https://tinyurl.com/y9fnp69m>*

**Article title:** The impact of an adjusted cropping calendar on the welfare of rice farming households in the Mekong River Delta, Vietnam

**Authors:** Alice Joan G. Ferrer, Le Ha Thanh, Nguyen Tuan Kiet, Pham Hong Chuong, Vu Thu Trang, Jinky C. Hopanda, Benedict Mark Carmelita, Sridhar Gummadi, Eisen Bernard Bernardo

**Publication title:** Economic Analysis and Policy 73(2), March 2022

*Full text link <https://tinyurl.com/phuhs69a>*

**Article title:** COVID-19 and Small-Scale Fisheries in Southeast Asia: Impacts and Responses

**Authors:** Alice Joan G. Ferrer, Robert Pomeroy, Michael J. Akester, Umi Muawanah, Watchaparong Chumchuen, Wen Chiat Lee, Phung Giang Hai, K. Kuperan Viswanathan

**Publication title:** Asian Fisheries Science 34(1):99-113, April 2021

*Full text link <https://tinyurl.com/2s3mpzfe>*

**Article title:** An Experimental Approach to Exploring Market Responses in Small-Scale Fishing Communities

**Authors:** Elizabeth Drury O'Neill, Therese Lindahl, Tim Daw, Beatrice Crona, Alice Joan G. Ferrer, Robert Pomeroy

**Publication title:** Frontiers in Marine Science 6, August 2019

*Full text link <https://tinyurl.com/bdhrh787>*

**Article title:** From typhoons to traders: the role of patron-client relations in mediating fishery responses to natural disasters

**Authors:** Elizabeth Drury O'Neill, Beatrice Crona, Alice Joan G Ferrer and Robert Pomeroy

**Publication title:** Environmental Research Letters, April 2019

*Full text text <https://tinyurl.com/55dw9hfz>*

**Article title:** Analyzing farm household strategies for food security and climate resilience: The case of Climate-Smart Villages of Southeast Asia

**Authors:** Alice Joan Ferrer, Bui Tan Yen, Yumiko Kura, Ngo Duc Minh, Paul Pavelic, T.S. Amjath-Babu, Leocadio Sebastian

**Publication title:** CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), 248, December 2018

*Full text link <https://tinyurl.com/3bmr6ate>*

**Article title:** Inter-local bay alliances in Northern Mindanao, Philippines: Experiences and lessons learned in establishment and organisational sustainability

**Authors:** Alice Joan G. Ferrer, Len Garces, Maripaz L. Perez

**Publication title:** Marine Policy 94, June 2018

*Full text link <https://tinyurl.com/2s99bjrd>*

**Article title:** Differences in the effects of social network, trust, and co-operation on fishery co-management

**Authors:** Ryutaro Kamiyama, Tsutom Miyata, Alice Joan G. Ferrer, Hisashi Kurokura, Satoshi Ishikawa

**Publication title:** Marine Policy 87:314-320, January 2018

*Full text available upon request to the author/s*

**Article title:** Who benefits from seafood trade? A comparison of social and market structures in small-scale fisheries

**Authors:** Elizabeth Drury O'Neill, Beatrice Crona, Alice Joan G. Ferrer, Robert Pomeroy and Narriman S. Jiddawi

**Publication title:** Ecology and Society 23(3), January 2018

*Full text link <https://tinyurl.com/mr3ur4ct>*

**Article title:** Gender Differences in Participation, Roles, and Attitude towards Mariculture Operation: A Case Study in the Philippines

**Authors:** Alice Joan G. Ferrer, Herminia A. Francisco, Benedict Mark Carmelita, Jinky Hopanda, Canesio Predo

**Publication title:** Asian Fisheries Science 30S(30S):83-102, December 2017

*Full text link <https://tinyurl.com/msvx3rz8>*

**Article title:** Roles of Men and Women in Sergestid Shrimp (*Acetes spp.*) Value Chain in Oton and Tigbauan, Iloilo Province, Philippines

**Authors:** Myra Marie B. Iguban, Junauelle Kyla B. Andres, Alice Joan G. Ferrer

**Publication title:** Asian Fisheries Science 30S(30S):231-244, December 2017

*Full text link <https://tinyurl.com/nhmj3s46>*

**Article title:** Prehypertension and psychosocial risk factors among university students in ASEAN countries

**Authors:** Karl Peltzer, Supa Pengpid, Vanphanom Sychareun, Alice Joan G. Ferrer, Wah Yun Low, Thang Nguyen Huu, Hla Hla Win, Erna Rochmawati and Niruwan Turnbull

**Publication title:** BMC Cardiovascular Disorders 17(1), August 2017

*Full text link <https://tinyurl.com/34nmb8zr>*

**Article title:** An analysis of livelihood projects and programs for fishing communities in the Philippines

**Authors:** Robert Pomeroy, Alice Joan Ferrer, Joey Pedrajas

**Publication title:** Marine Policy 81, July 2017

*Full text available upon request to the author/s*

**Article title:** Linkages and Trust in the Value Chain for Small-scale Aquaculture in Asia

**Authors:** Robert Pomeroy, Hap Navy, Alice Joan Ferrer, Agusn H. Purnomo

**Publication title:** Journal of World Aquaculture Society 48(2), March 2017

*Full text available upon request to the author/s*

**Article title:** Prehypertension and associated factors among university students in the Philippines

**Authors:** Supa Pengpid, Karl Peltzer, and Alice Joan G. Ferrer

**Publication title:** International Journal of Adolescent Medicine and Health 26(2):245-52, May 2014

*Full text available upon request to the author/s*

**DR. JULIE CARL P. URETA***Environmental Management*

**Sex:** Male

**Field of Specialization:**

Biodiversity

Natural Resource Management

Applied Economics

Environmental Management

Climate Change Adaptation

**Researches:**

**Article title:** Estimating Sediment Export and Retention Capacity of Existing Land Cover in Balanac and Sta. Cruz Watersheds, Philippines Using InVEST-SDR Model

**Authors:** J. Carl Ureta, Gemmalyn M. Trespalacio, Nico Jayson C. Anastacio, Annadel F. Sapugay, and Joan U. Ureta

**Publication title:** The Philippine Journal of Science 151(5):1963-1978, August 2022

*Full text link <https://tinyurl.com/2m9psw5j>*

**Article title:** Estimating residents' WTP for ecosystem services improvement in a payments for ecosystem services (PES) program: A choice experiment approach

**Authors:** J. Carl Ureta, Marzieh Motallebi, Michael Vassalos, Steven Seagle, Robert Baldwin

**Publication title:** Ecological Economics 201(2), August 2022

*Full text link <https://tinyurl.com/5ey2mpbw>*

**Article title:** Valuing stakeholder preferences for environmental benefits of stormwater ponds: Evidence from choice experiment

**Authors:** Joan Ureta, Marzieh Motallebi, Michael Vassalos, Mustapha Alhassan, J. Carl Ureta

**Publication title:** Journal of Environmental Management 293(117):112828, September 2021

*Full text link <https://tinyurl.com/mt9rhe3s>*

**Article title:** Understanding Stakeholders' Knowledge, Awareness, and Perception of Conservation Programs in South Carolina

**Authors:** J. Carl Ureta, Marzieh Motallebi, Iori Dickes, Lucas clay, Joan Ureta, and Robert Baldwin

**Publication title:** The Journal of South Carolina Water Resources 7(1), August 2021

*Full text link <https://tinyurl.com/567chh2n>*

**Article title:** Towards establishment of a payment for ecosystem services (PES) in protected areas: the case of Mounts Banahaw and San Cristobal in Quezon Province, Philippines

**Authors:** Julie Carl P. Ureta, Luisito C. Abueg, Arlene B. Inocencio

**Publication title:** DLSU Business & Economics Review 31(1):1-15, July 2021

*Full text link <https://tinyurl.com/2p98fszu>*

**Article title:** Understanding the public's behavior in adopting green stormwater infrastructure

**Authors:** Joan Ureta, Marzieh Motallebi, Amy E. Scaroni, Susan Lovelace, J. Carl Ureta

**Publication title:** Sustainable Cities and Society 69(February):102815, June 2021

*Full text link <https://tinyurl.com/3wjk472c>*

**Article title:** Quantifying the Landscape's Ecological Benefits—An Analysis of the Effect of Land Cover Change on Ecosystem Services

**Authors:** J. Carl Ureta, Lucas Clay, Marzieh Motallebi and Joan Ureta

**Publication title:** Land 10(1):21, December 2020

*Full text link <https://tinyurl.com/36yh4myw>*

**Article title:** Using stakeholders' preference for ecosystems and ecosystem services as an economic basis underlying strategic conservation planning

**Authors:** J. Carl Uretaa, Michael Vassalos, Marzieh Motallebi, Robert Baldwin, Joan Ureta

**Publication title:** Heliyon 6(12):e05827, December 2020

*Full text link <https://tinyurl.com/mrxvdvaf>*

**Article title:** Application of non-hydraulic floodplain delineation method using LiDAR-based data

**Authors:** J. Carl Ureta, Hamdi A. Zurqani, Christopher J. Post, Joan Ureta and Marzieh Motallebi

**Publication title:** Geosciences 10(9), August 2020

*Full text link <https://tinyurl.com/5n8zjafm>*

**Article title:** Potential of the Molawin creek for micro hydro power generation: An assessment

**Authors:** Joan Cecilia Casila, Maurice Duka, Rosa De Los Reyes, Julie Carl Ureta

**Publication title:** Sustainable Energy Technologies and Assessments 32:111-120, April 2019

*Full text available upon request to the author/s*

**Article title:** A Ridge-to-Reef Ecosystem-Based Valuation Approach to Biodiversity Conservation in Layawan Watershed, Misamis Occidental, Philippines

**Authors:** Julie Carl P. Ureta, Rodel D. Lasco, Asa Jose U. Sajise, Margaret M. Calderon

**Publication title:** Journal of Environmental Science and Management 19(2):64-75, December 2016

*Full text link <https://tinyurl.com/nnuhjcac>*

**Article title:** Oroquieta City Households' Willingness to Pay for Coastal Biodiversity Conservation

**Authors:** Julie Carl P. Ureta, Rodel D. Lasco, Asa Jose U. Sajise & Margaret Mejrada Calderon

**Publication title:** Journal of Sustainable Development 7(5), September 2014

*Full text link <https://tinyurl.com/2s4d4634>*

**Article title:** Estimating Sediment Export and Retention Capacity of Existing Land Cover in Balanac and Sta. Cruz Watersheds, Philippines Using InVEST-SDR Model

**Authors:** J. Carl Ureta, Gemmalyn M. Trespalacio, Nico Jayson C. Anastacio, Annadel F. Sapugay, and Joan U. Ureta

**Publication title:** Philippine Journal of Science 151(5): 1963-1978, October 2022

*Full text link <https://tinyurl.com/bdhwuuby>*

**Article title:** Estimating residents' WTP for ecosystem services improvement in a payments for ecosystem services (PES) program: A choice experiment approach

**Authors:** J. Carl Ureta, Marzieh Motallebi, Michael Vassalos, Steven Seagle, Robert Baldwin

**Publication title:** Ecological Economics 201:107561, November 2022

*Full text available upon request to the author/s*

**Article title:** Valuing stakeholder preferences for environmental benefits of stormwater ponds: Evidence from choice experiment

**Authors:** Joan Ureta, Marzieh Motallebi, Michael Vassalos, Mustapha Alhassan, J. Carl Ureta

**Publication title:** Journal of Environmental Management 293:112828, September 2021

*Full text available upon request to the author/s*

**Article title:** Understanding Stakeholders' Knowledge, Awareness, and Perception of Conservation Programs in South Carolina

**Authors:** J. Carl Ureta, Marzieh Motallebi, Iori Dickes, Lucas Clay, Joan Ureta, and Robert Baldwin

**Publication title:** The Journal of South Carolina Water Resources 7(1):45-65, August 2021

*Full text link <https://tinyurl.com/5bs8k6xs>*

**Article title:** Towards establishment of a payment for ecosystem services (PES) in protected areas: the case of Mounts Banahaw and San Cristobal in Quezon Province, Philippines

**Authors:** Julie Carl P. Ureta, Luisito C. Abueg, Arlene B. Inocencio

**Publication title:** DLSU Business & Economics Review 31(1):1-15, July 2021

*Full text link <https://tinyurl.com/29wbncju>*

**Article title:** Understanding the public's behavior in adopting green stormwater infrastructure

**Authors:** Joan Ureta, Marzieh Motallebi, Amy E. Scaroni, Susan Lovelace, J. Carl Ureta

**Publication title:** Sustainable Cities and Society 69:102815, June 2021

*Full text link <https://tinyurl.com/3dc42ysz>*

**Article title:** Quantifying the Landscape's Ecological Benefits—An Analysis of the Effect of Land Cover Change on Ecosystem Services

**Authors:** J. Carl Ureta, Lucas Clay, ,Marzieh Motallebi, andJoan Ureta

**Publication title:** Land 10(1):21, December 2020

*Full text link <https://tinyurl.com/baemcrek>*

**Article title:** Using stakeholders' preference for ecosystems and ecosystem services as an economic basis underlying strategic conservation planning

**Authors:** J. Carl Ureta, Michael Vassalos, Marzieh Motallebi, Robert Baldwin, Joan Ureta

**Publication title:** Heliyon 6(12):e05827, December 2020

*Full text link <https://tinyurl.com/mr2e5bfs>*

**Article title:** Application of non-hydraulic floodplain delineation method using LiDAR-based data

**Authors:** J. Carl Ureta, Hamdi A. Zurqani, Christopher J. Post, Joan Ureta and Marzieh Motallebi

**Publication title:** Geosciences 10(9), August 2020

*Full text available upon request to the author/s*

**Article title:** Potential of the Molawin creek for micro hydro power generation: An assessment

**Authors:** Joan Cecilia Casila, Maurice Duka, Rosa De Los Reyes, Julie Carl Ureta

**Publication title:** Sustainable Energy Technologies and Assessments 32: 111-120, August 2019

*Full text available upon request to the author/s*



**DR. ASUNCION D. DE GUZMAN***Fisheries Management*

**Sex:** Female

**Field of Specialization:**

Capture fisheries

Fisheries Management

Marine Protected Areas

Integrated Coastal Management

**Researches:**

**Article title:** Status of Sea Cucumber Fisheries in Mindanao: Harnessing Local Knowledge in Determining Diversity and Production Values

**Authors:** Elgen M. Arriegado, Marnelle B. Sornito, Asuncion B. De Guzman, Josuah D. Zalsos, Jomar F. Besoña, Leemarc C. Alia, Flordeline A. Cadeliña, Maria Lyn Magcanta-Mortos, Wilfredo H. Uy

**Publication title:** Philippine Journal of Fisheries 29(2): 161-175, 2022

*Full text link <https://tinyurl.com/yyj9uak8>*

**Article title:** Coastal-Fisheries-in-Lianga-Bay-Its-Potential-Vulnerability-to-Climate-Change

**Authors:** Amor Rojas-Salinas, Cynthia P. Sajot, Asuncion B. De Guzman

**Publication title:** SDSSU Multidisciplinary Research Journal 1(1), 2021

*Full text link <https://tinyurl.com/yyjnzmu5>*

**Article title:** Sea Cucumbers (Holothuroidea) of Northeastern and Western Mindanao, Philippines: The Potential Role of Marine Protected Areas in Maintaining Diversity and Abundance

**Authors:** Asuncion B. De Guzman and Mariefe B. Quiñones

**Publication title:** Journal of Environment and Aquatic Resources 6:47-70, 2021

*Full text link <https://tinyurl.com/mu5n5er9>*

**Article title:** Insights into the environmental conditions contributing to variability in the larval recruitment of the tropical sardine *Sardinella lemuru*

**Authors:** Patrick R. Pata, Aletta T. Yñiguez, Josephine Dianne L. Deauna, Asuncion B. De Guzman, Cesaria R. Jimenez, Roselle T. Borja-Del Rosario, Cesar L. Villanoy

**Publication title:** Ecological Modelling 451(2):109570

*Full text available upon request to the author/s*

**Article title:** DNA Barcoding of Dominant Species in the Sardine Fishery of Northern Mindanao

**Authors:** Kevin Labrador, Altair Agmata, Joseph Dominic Palermo<sup>2,3</sup>, Asuncion de Guzman, Maria Rio Abdon Naguit, Jerry Garcia, and Maria Josefa Pante

**Publication title:** The Philippine Journal of Science 150(S1, Special Issue on Biodiversity):433-437

*Full text link <https://tinyurl.com/3tdt8vvc>*

**Article title:** Contribution of reef gleaning to nutrition of coastal communities

**Authors:** Asuncion B. De Guzman, Zenaida M. Sumalde, Gemlyn Mar S. Rance, Mariel Denerie B. Colance, Mierra Flor V. Ponce

**Publication title:** Journal of Environmental Science and Management S(1):58-71, July 2020

*Full text link <https://tinyurl.com/yc5jdvty>*

**Article title:** Contribution of Gleaning Fisheries to Food Security and Nutrition of Poor Coastal Communities in the Philippines

**Authors:** Asuncion B. De Guzman, Zenaida M. Sumalde, Gemlyn Mar S. Rance, Mariel Denerie B. Colance, Mierra Flor V. Ponce

**Publication title:** Journal of Environmental Science and Management SI(1): 58-71, 2019

*Full text available upon request to the author/s*

**Article title:** Contribution of reef gleaning to nutrition of coastal communities

**Authors:** Asuncion B. De Guzman, Zenaida M. Sumalde, Gemlyn Mar S. Rance, Mariel Denerie B. Colance, Mierra Flor V. Ponce

**Publication title:** Journal of Environmental Science and Management S(1):58-71, January 2019

*Full text link <https://tinyurl.com/4dys32ch>*

**Article title:** Reef Gleaning in the Philippines: Does it Contribute to Poverty Alleviation and Nutrient Security?

**Authors:** Asuncion De Guzman

**Publication title:** EEPSEA Policy Brief No. 2016-PB10

*Full text link <https://tinyurl.com/42pz867w>*

**Article title:** Aquatic Biodiversity of Lake Mainit, Southern Philippines

**Authors:** Uy, Wilfredo H., de Guzman, Asuncion B., Acuña, Rodrigo E., Roa, Rey L.

**Publication title:** Journal of Environment and Aquatic Resources 3:1-14

*Full text available upon request to the author/s*

**Article title:** Spatio-Temporal Patterns of Reef Fish Communities in Selected Marine Protected Areas in Iligan Bay, Northern Mindanao

**Authors:** Denmark B. Recamara and Asuncion B. De Guzman

**Publication title:** J. Environment and Aquatic Resources 3, 2015

*Full text link <https://tinyurl.com/mr2mkytd>*

**Article title:** Coastal Fisheries in Lianga Bay: Its Potential Vulnerability to Climate Change

**Authors:** Salinas, Amor R., Sajot, Cynthia P., De Guzman, Asuncion B.

**Publication title:** SDSSU Multidisciplinary Research Journal 1, 2013

*Full text available upon request to the author/s*

**Article title:** Monsoon-Driven Coastal Upwelling Off Zamboanga Peninsula, Philippines

**Authors:** Cesar L. Villanoy , Olivia C. Cabrera, Aletta Yñiguez , Marianne Camoying , Asuncion de Guzman, Laura T. David , and Pierre Flament

**Publication title:** Oceanography 24(1):156–165, 2011

*Full text available upon request to the author/s*

**Article title:** Coastal Environment Profile of Lopez Jaena, Misamis Occidental

**Authors:** de Guzman, Asuncion B.; Quiñones, Mariefe B.; Eballe, Rustan C.; Israel, Marcos Jr. B.

**Publication title:** Journal of Environment and Aquatic Resources 1:43-61, 2009

*Full text available upon request to the author/s*

**Article title:** A Fishery in Transition: Impact of a Community Marine Reserve on a Coastal Fishery in Northern Mindanao, Philippines

**Authors:** Asuncion B. de Guzman

**Publication title:** Marine and Coastal Ecosystem Valuation, Institutions, and Policy in Southeast Asia, 2016

*Full text available upon request to the author/s*

**Article title:** Do Marine Protected Areas Work? A Case Study From The Philippines

**Authors:** Asuncion De Guzman

**Publication title:** EEPSEA Policy Brief No. 2004-PB6

*Full text link <https://tinyurl.com/466tmw7s>*



**Sex:** Male

**Field of Specialization:**

Remote sensing and GIS  
Climate Change  
Vulnerability analysis  
Vulnerability assessment  
Disaster risk reduction  
Climate change adaptation  
Disaster Management

**Researches:**

**Article title:** Flood Mapping and Assessment During Typhoon Ulysses (Vamco) in Cagayan, Philippines Using Synthetic Aperture Radar Images

**Authors:** Kezia Shem G. Brusola, Marion Lux Y. Castro, Jerome M. Suarez, Dianna Rose N. David, Christine Jane E. Ramacula, Marifee A. Capdos, Leo Neil T. Viado, Moises A. Dorado & Vicente G. Ballaran Jr

**Publication title:** Water Resources Management and Sustainability pp. 69-82, March 2023

*Full text link <https://tinyurl.com/5xxjrufy>*

**Article title:** National Irrigation Systems

**Authors:** Arthur Fajardo, Roberto Clemente, Vicente Jr. de Guzman Ballaran, Carl Ureta

**Publication title:** Revitalizing Philippine Irrigation: A Systems and Governance Assessment for the 21st Century, pp.36-67, January 2021

*Full text available upon request to the author/s*

**Article title:** The Effect of Evaporation Suppressant on Standing Water in the Ricefield and on the Growth and Yield Performance of Lowland Rice

**Authors:** Rhuelyn A. Ballaran, Jim dela Cruz, Nerilyn J. Victoria, Vicente G. Ballaran Jr., Moises A. Dorado, Milagros M. Peralta

**Publication title:** Philippine Journal of Agricultural and Biosystems Engineering 14, January 2020

*Full text link <https://tinyurl.com/ybd2fzsp>*

**Article title:** Paving the pathway for climate smart agriculture among small scale farmers in the Philippines

**Authors:** Robert Patrick M. Cabangbang , Maria Victoria O. Espaldon, Heidi D. Mendoza, Justine Angelo M. Lacson, Ria Jhoanna C. Ducusin, Decibel F. Eslava, Moises A. Dorado, Vicente G. Ballaran, Jr., Melvin D. Ebuenga, Concepcion L. Khan, Bong M. Salazar, Calixto M. Protacio, Edna A. Aguilar, and Victorino A. Bato, Jr

**Publication title:** Climate Smart Agriculture for the Small-Scale Farmers in the Asian and Pacific Region, 2019

*Full text link <https://tinyurl.com/5b8v4mh8>*

**Article title:** Vulnerability Assessment to Climate Change of Households from Mabacan, Sta. Cruz and Balanac Watersheds in Laguna, Philippines

**Authors:** Jaimie Kim B. Arias, Rowena A. Dorado, Maria Emilinda T. Mendoza, Vicente G. Ballaran, Jr., Hazel Maligaya

**Publication title:** Journal of Environmental Science and Management 19(1):9-18, June 2016

*Full text available upon request to the author/s*

**Article title:** Exploring the Potentials of a Technology-Based Flood Early Warning System in Laguna, Philippines: A Cost-Benefit Analysis

**Authors:** Jaimie Kim B. Arias, Rowena A. Dorado, Maria Emilinda T. Mendoza & Vicente G. Ballaran Jr

**Publication title:** Cost-Benefit Studies of Natural Resource Management in Southeast Asia pp.369-387, January 2015

*Full text available upon request to the author/s*

**Article title:** Assessing Vulnerability to Climate Change Impacts in Cambodia, the Philippines and Vietnam: An Analysis at the Commune and Household Level

**Authors:** Maria Emilinda T. Mendoza, Bui Dung The, Heng Naret, Vicente G. Ballaran, Jr. and Jamie Kim B. Arias

**Publication title:** Journal of Environmental Science and Management 17(2):78 - 91, June 2014

*Full text available upon request to the author/s*

**Article title:** Community social vulnerability to climate change-related hazards in selected municipalities in Laguna, Philippines

**Authors:** Maria Emilinda T. Mendoza, Vicente G. Ballaran, Jr., Jaimie Kim B. Arias

**Publication title:** Journal of Human Ecology and Sustainability 2(2):63-77, January 2012

*Full text link <https://tinyurl.com/2rwe9v5v>*



**DR. MA. ANGELES O. CATELO***Environmental Economics*

**Sex:** Female

**Field of Specialization:**  
Environmental Economics

**Researches:**

**Article title:** Coping strategies of selected MSMEs in Laguna one year after COVID-19

**Authors:** Emmanuel Genesis Andal, Amelia L. Bello, Ma. Angeles O. Catelo

**Publication title:** The Philippine Review of Economics 58(1-2), June and December 2021

*Full text link <https://tinyurl.com/4bv7mkr2>*

**Article title:** Extended, enhanced, and extreme: microeconomic implications of the community quarantine in the Philippines due to the Covid-19 pandemic

**Authors:** Emmanuel Genesis T. Andal, Amelia L. Bello, Maria Angeles O. Catelo

**Publication title:** Economics and Management Matters, June 2020

*Full text link <https://tinyurl.com/h7pw7hvs>*

**Article title:** Rural Financial Markets and Credit Delivery System in the Philippines

**Authors:** Salvador P. Catelo, Maria Angeles O. Catelo, and Ceptryl S. Mina

**Publication title:** Microfinance in Asia pp.177-226, 2017

*Full text available upon request to the author/s*

**Article title:** Economic Instruments in Environmental and Natural Resource Management in Southeast Asia and China: Lessons and Way Forward

**Authors:** Maria Angeles O. Catelo, Herminia A. Francisco, and Bernice Anne C. Darwin

**Publication title:** Economic Instruments in Environmental and Natural Resource Management in Southeast Asia and China: Lessons and Way Forward, 2016

*Full text link <https://tinyurl.com/mtcbn8yr>*

**Article title:** The Cost of Illness of Exposure to Elevated Levels of PM10 in the Baguio City Central Business District, Philippines



**Authors:** Costales, Achilles, Catelo, Maria Angeles, Baldovino, Harvey, Bolislis, Winona และ Bantasan, Dorothy

**Publication title:** Economy and Environment Program for Southeast Asia, 2016

*Full text link <https://tinyurl.com/ckepfbpc>*

**Article title:** Clean Air In, Bad Fumes Out: Benefits and Costs of an Alternative Mode of Public Transportation System in the Baguio City CBD, Philippines

**Authors:** Catelo, Maria Angeles, Costales, Achilles, Baldovino, Harvey, Bolislis, Winona, Bantasan, Dorothy

**Publication title:** Clean air in, bad fumes out: benefits and costs of an alternative mode of public transportation system in the Baguio City CBD, Philippines, 2016

*Full text link <https://tinyurl.com/yc2526m9>*

**Article title:** Contract farming of swine in Southeast Asia as a response to changing market demand for quality and safety in pork

**Authors:** Marites Tiongco, Maria Angeles Catelo, Ma. Lucila Lapar

**Publication title:** International Food Policy Research Institute, February 2008

*Full text link <https://tinyurl.com/3tcpmfd2>*

**Article title:** Structural Changes in the Philippine Pig Industry and Their Environmental Implications

**Authors:** Maria Angeles Catelo, Marites Tiongco, Claire A. Narrod

**Publication title:** International Food Policy Research Institute, February 2008

*Full text link <https://tinyurl.com/3y669y5y>*

**Article title:** Scale and Access Issues Affecting Smallholder Hog Producers in an Expanding Peri-Urban Market

**Authors:** Achilles CostalesChristopher DelgadoMaria Angeles CateloMa. Lucila LaparMarites TiongcoSimeon EhuinandAnne Zillah Bautista

**Publication title:** International Food Policy Research Institute, January 2007

*Full text link <https://tinyurl.com/49sj84wv>*

**Article title:** Impact Evaluation of the Environmental User Fee System: A Stakeholder Perspective

**Authors:** Maria Angeles Catelo, Asa Jose Sajise, Bernice Anne Darvin and Paul Joseph Ramirez

**Publication title:** EEPSEA Special and Technical Paper, July 2007

*Full text link <https://tinyurl.com/ycks2mxh>*

**Article title:** Livestock and Health

**Authors:** Catelo, Maria Angeles O.

**Publication title:** Understanding the links between agriculture and health: Livestock and health

*Full text link <https://tinyurl.com/yyfkcr52>*

**Article title:** Backyard and Commercial Piggeries In The Philippines: Environmental Consequences and Pollution Control Options

**Authors:** Ma. Angeles O. Catelo, Moises A. Dorado, and Elpidio Agbisit, Jr.

**Publication title:** Economy and Environment Program for Southeast Asia (EEPSEA), January 2001

*Full text available upon request to the author/s*

**Article title:** Living with Livestock: Dealing with Pig Waste in the Philippines

**Authors:** Maria Angeles Ocampo Catelo, Maria Angeles Ocampo Catelo, Jr Elpidio Agbisit

**Publication title:** Economy and Environment Program for Southeast Asia (EEPSEA) Policy Brief, January 2001.

*Full text link <https://tinyurl.com/mt8ub2f6>*

**DR. MOISES NEIL V. SERIOÑO***Environmental Economics*

**Sex:** Male

**Field of Specialization:**

Forestry

Developmental Studies

Environmental Economics

Developing Countries

Econometrics

Gross Domestic Product

**Research:**

**Article title:** Exploring Variability in Vegetable Consumption using Quantile Regression: The Case of Rural Households in Isabel, Leyte, Philippines

**Authors:** Romulo Saloma, Ernesto F. Bulayog, Rufina F. Capuno and Moises Neil V. Serioño

**Publication title:** Review of Socio-Economic Research and Development Studies 2022

*Full text link <https://tinyurl.com/4zepuy7h>*

**Article title:** Econometric evidence on happiness and its determinants among rice farmers in leyte, Philippines

**Authors:** Leomarich Casinillo and Moises Neil Serioño

**Publication title:** Independent Journal of Management & Production 13(5):1026-1044, July 2022

*Full text link <https://tinyurl.com/yavua3n5>*

**Article title:** Gender differences in the coping mechanisms to disruptions brought by COVID-19 pandemic among working adults in the Rural Philippines: The Case of Visayas State University

**Authors:** Moises Neil V. Serioño, Therese C. Ratilla, Maria Aurora Teresita W. Tabada, Ma.

Salome B. Bulayog, Nilda T. Amestoso, Venice B. Ibañez, Angelita Paradero, Michael P. Mazo, Vergie Ann E. Galenzoga, Chariss C. Verdida, Reyvin N. Sabanal and Michael R. Calungsod

**Publication title:** Annals of Tropical Research 43(2):120-133, 2021

*Full text available upon request to the author/s*

**Article title:** Willingness to be vaccinated against COVID-19 among higher education institution

**Authors:** Joel Rey Acob, Moises Neil V. Serioño, Reyvin N. Sabanal, Therese C. Ratilla, Elwin Jay Yu, Lilian B. Nuñez, Maria Hazel I. Bellezas

**Publication title:** The Malaysian Journal of Nursing 13(2), October 2021

*Full text link <https://tinyurl.com/3hdmvk62>*

**Article title:** Energy security through diversification of non-hydro renewable energy sources in developing countries

**Authors:** Moises Neil V. Serioño

**Publication title:** Energy & Environment 33(3):0958305X2110134

*Full text available upon request to the author/s*

**Article title:** Influence of marine protected areas on fish catch productivity among selected fishers in Leyte, Philippines

**Authors:** Mary Cris F. Pleños, Moises Neil V. Serioño, Fe M. Gabunada, Nilda T. Amestoso

**Publication title:** Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development

*Full text available upon request to the author/s*

**Article title:** Impact of the 2013 super typhoon haiyan on the livelihood of small-scale coconut farmers in Leyte island, Philippines

**Authors:** Moises Neil V. Serioño, Jedan A. Caverro, Jacob Cuizon, Therese C. Ratilla, Brenda M. Ramoneda, Maria Hazel I. Bellezas, Maria Juliet C. Ceniza

**Publication title:** International Journal of Disaster Risk Reduction 52:101939, January 2021

*Full text available upon request to the author/s*

**Article title:** Rising carbon footprint inequality in the Philippines

**Authors:** Moises Neil V. Serioño

**Publication title:** Environmental Economics and Policy Studies 22(11), October 2019

*Full text available upon request to the author/s*

**Article title:** Diversification of non hydro renewable energy sources in developing countries

**Authors:** Moises Neil V. Serioño

**Publication title:** Energy Ecology and Environment 3, 2008

*Full text available upon request to the author/s*

**Article title:** Factors affecting profitability of small-scale vegetable production in the Visayas

**Authors:** Annie D. Centes, Jessa H. Ruales, Rhena Jane Soria, Moises Neil V. Serioño

**Publication title:** Annals of Tropical Research 39 (Supplement B):194-207, 2017

*Full text available upon request to the author/s*

**Article title:** Survey on farm practices of small-scale vegetable farmers in the Southern Philippines

**Authors:** Moises Neil V. Serioño, Glorybeth Castillo, Jessa Ruales

**Publication title:** Annals of Tropical Research 39 (Supplement B):1-21, 2017

*Full text link <https://tinyurl.com/2ucx6x8j>*

**Article title:** Investment appraisal and risk assessment of protected vegetable cultivation under Leyte conditions

**Authors:** Therese C. Ratilla and Moises Neil V. Serioño

**Publication title:** Annals of Tropical Research 39 (Supplement B):174-193, 2017

*Full text link <https://tinyurl.com/ytjs6z9j>*

**Article title:** Is Decoupling Possible? Association between Affluence and Household Carbon Emissions in the Philippines

**Authors:** Moises Neil V. Serioño

**Publication title:** Asian Economic Journal 31(2):165-185, June 2017

*Full text available upon request to the author/s*

**Article title:** Effects of affluence on rising household carbon emission in the Philippines: An application using quantile regression approach

**Authors:** Moises Neil V. Serioño

**Publication title:** DLSU Business & Economics Review 26(2):147-157

*Full text available upon request to the author/s*

**Article title:** Valuing the Protection Service Provided by Mangroves in Typhoon-hit Areas in the Philippines

**Authors:** Moises Neil Serioño, Julie Carl Ureta, Jayson Baldesco, Karl John Galvez, Canesio Predo, and Eunice Kenée Serioño

**Publication title:** Valuing the Protection Service Provided by Mangroves in Typhoon-hit Areas in the Philippines

*Full text link <https://tinyurl.com/4tt6n4sw>*

**Article title:** The Rising Carbon Footprint of Philippine Households: An Estimation Using Consumption Expenditure and Input-Output Analysis

**Authors:** Moises Neil Serioño

**Publication title:** Annals of Tropical Research 38(2):1-16, 2016

*Full text link <https://tinyurl.com/2p93y6mt>*

**Article title:** Explaining Output Growth Using Total Factor Productivity: Evidence from the Philippine Agricultural Sector

**Authors:** Moises Neil V. Serioño and Eunice Kenée L. Serioño

**Publication title:** Journal of Educational and Human Resource Development 4:108-118 (2016)

*Full text link <https://tinyurl.com/3tun2ytu>*

**Article title:** Estimation and Determinants of the Philippines' Household Carbon Footprint

**Authors:** Moises Neil V. Seriño and Stephan Klasen

**Publication title:** The Developing Economies 53(1), March 2015

*Full text link <https://tinyurl.com/kpsyxkx5>*

**Article title:** Do Philippine Households Lead a Carbon Intensive Lifestyle?

**Authors:** Moises Neil V. Seriño

**Publication title:** Poverty, Equity and Growth in Developing and Transition Countries: Statistical Methods and Empirical Analysis, May 2014

*Full text link <https://tinyurl.com/4xs23aj6>*

**Article title:** Decomposing Drivers of Rising Household Carbon Emission in the Philippines

**Authors:** Moises Neil V. Seriño

**Publication title:** Advances in Economics and Business 2(1): 22-28, 2014

*Full text link <https://tinyurl.com/26rvpcy8>*

**Article title:** Decomposition Analysis of Income Inequality in Eastern Visayas, Philippines

**Authors:** Moises Neil V. Seriño

**Publication title:** DLSU Business & Economics Review 24(1):126-139, January 2014.

*Full text link <https://tinyurl.com/4ekuhwu9>*

**Article title:** Perceptions of Local Communities on Water Quality in Pagbanganan River, Baybay City, Leyte

**Authors:** Eunice Kenée Labonite-Seriño, Moises Neil V. Seriño, Beatriz Belonias

**Publication title:** Science and Humanities Journal 10:98-120, 2013

*Full text link <https://tinyurl.com/3hr528xv>*

**Article title:** Employment Outcomes of Graduates in Selected Higher Educational Institutions in Eastern Visayas, Philippines

**Authors:** Jane A. Austero, Pedro T. Armenia, and Moises Neil V. Seriño

**Publication title:** Annals of Tropical Research 34(1):147-162, 2012

*Full text link <https://tinyurl.com/3wyjj7sy>*

**Article title:** Effects of International Remittances on the Philippine Economy: A Cointegration Analysis

**Authors:** Moises Neil V. Seriño

**Publication title:** DLSU Business & Economics Review 21(2):47-62, January 2012

*Full text link <https://tinyurl.com/puhcd9sn>*

**Article title:** How do international remittances affect poverty in developing countries? A quantile regression analysis

**Authors:** Moises Neil V. Seriño

**Publication title:** Journal of Economic Development 36(4):17-40, December 2011

*Full text link <https://tinyurl.com/2uthzfzc>*

**Article title:** Development and Implementation of a Forest Nursery Accreditation Policy at a Local Level in Leyte, Philippines

**Authors:** Rotacio S. Gravoso, Nestor O. Gregorio, Maria Anabelle D. Gerona, Moises Neil V. Serião, Steve R. Harrison, Herville V. Pajaron, Jayson V. Godoy

**Publication title:** Small-scale Forestry 10(4), November 2011

*Full text link <https://tinyurl.com/bde78mz2>*

**DULCE D. ELAZEGUI***Agricultural Development Economics*

**Sex:** Female

**Field of Specialization:**

Water governance,  
Food and agriculture policy,  
Climate change adaptation,  
Science and technology

**Researches:**

**Article title:** Revitalizing Philippine Irrigation: A Systems and Governance Assessment for the 21st Century

**Authors:** Briones, Roehlano M.

**Publication title:** Revitalizing Philippine Irrigation: A Systems and Governance Assessment for the 21st Century, 2021

*Full text link* <https://tinyurl.com/25k8f27j>

**Article title:** Communal Irrigation Systems

**Authors:** Roger A. Luyun Jr. and Dulce D. Elazegui

**Publication title:** Revitalizing Philippine Irrigation: A Systems and Governance Assessment for the 21st Century (pp.69-96), January 2021

*Full text link* <https://tinyurl.com/4axce2cz>

**Article title:** Issues on communal irrigation systems in the Philippines

**Authors:** Roger A. Luyun Jr. and Dulce D. Elazegui

**Publication title:** Philippine Institute for Development Studies: Policy Notes 7, 2019

*Full text link* <https://tinyurl.com/5325hmv4>

**Article title:** Opportunities and Challenges in Socially Inclusive Innovation: The Case of Genetically Modified Corn in the Philippines

**Authors:** Linda M. Peñalba and Dulce D. Elazegui

**Publication title:** Biotechnology (pp.1541-1555), January 2019



**Article title:** Impact of the closed fishing season policy for sardines in Zamboanga Peninsula, Philippines

**Authors:** Agnes C. Rola, Teresita A. Narvaez, Maria Rio A. Naguit, Dulce D. Elazegui, Bing Baltazar C. Brillo, Merlyne M. Paunlagui, Hadji C. Jalotjot, Catherine P. Cervantes

**Publication title:** Marine Policy 87:40-50, 2018

*Full text available upon request to the author/s*

**Article title:** Policy and Institutional Challenges in Climate Information Services Provisioning in Philippine Agriculture

**Authors:** Dulce D. Elazegui, Agnes C. Rola, Roger A. Luyun, Jr., Nico Jayson C. Anastacio, Francis John F. Faderogao, and Maria Cristina A. Alvarez

**Publication title:** Journal of Public Affairs and Development 4:51-79, 2017

*Full text link <https://tinyurl.com/2v46kyds>*

**Article title:** Enhancing institutional dynamics for multiple uses of water amidst climate-related risks: The case of Lake Buhi, Philippines

**Authors:** Dulce D. Elazegui, Agnes C. Rola, Erica Allis

**Publication title:** Lakes & Reservoirs Research & Management 21(3):224-234, September 2016

*Full text available upon request to the author/s*

**Article title:** Assessing the formulation and implementation of the closed fishing season policy for sardines in Zamboanga Peninsula, Philippines

**Authors:** Bing Baltazar C. Brillo, Dulce Elazegui, Catherine Cervantes, Agnes Rola

**Publication title:** Philippine Journal of Science 145(4):395-404, 2016

*Full text link <https://tinyurl.com/4y5eva3t>*

**Article title:** The Role of Agricultural Public Extension in a Private-Led Technological Innovation

**Authors:** Rowena dela Torre Baconguis, Linda M. Peñalba, Dulce D. Elazegui, and Elvira E. Dumayas

**Publication title:** Developing Country Perspectives on Public Service Delivery, Chapter 14, 2015

*Full text link <https://tinyurl.com/ynyyb7vw>*

**Article title:** Opportunities and Challenges in Socially Inclusive Innovation: The Case of Genetically Modified Corn in the Philippines

**Authors:** Linda M. Peñalba, Dulce D. Elazegui

**Publication title:** Quality Innovation: Knowledge, Theory, and Practices, 2014

*Full text available upon request to the author/s*

**Article title:** Social and institutional dimensions of climate change adaptation

**Authors:** Linda M. Peñalba, Dulce D. Elazegui, Juan M. Pulhin, Rex Victor O. Cruz

**Publication title:** International Journal of Climate Change Strategies and Management  
4(3):308-322, July 2012

*Full text available upon request to the author/s*

**Article title:** Seed System, Production and Marketing of Eggplant in Three Major Producing Provinces in the Philippines

**Authors:** Agnes R. Chupungco, Dulce D. Elazegui, and Miriam R. Nguyen

**Publication title:** Crop Protection Newsletter 36(2):37-47

*Full text available upon request to the author/s*

**Article title:** Innovations in Seed Systems for Potential Biotechnology Products: The Case of Genetically Modified Papaya in the Philippines

**Authors:** Agnes C. Rola, Dulce D. Elazegui, Miriam R. Nguyen, Pablito M. Magdalita, Elvira E. Dumayas, Agnes R. Chupungco

**Publication title:** Crop Protection Newsletter 35(1):80-91, April 2010

*Full text available upon request to the author/s*

**Article title:** Consequences of Bt Cotton Technology Importation

**Authors:** Miriam Nguyen, Dulce Elazegu, Rogelio Tagarino, Agnes Rola

**Publication title:** Philippine Agricultural Scientist 93(1):9-21, March 2010

*Full text available upon request to the author/s*



**Sex:** Male

**Field of Specialization**

Coral

Fisheries

Larval Fish

Coastal Management

Ichthyology

Fisheries Management

**Researches:**

**Article title:** Strong Genetic Structure and Limited Gene Flow among Populations of the Tropical Seagrass *Thalassia hemprichii* in the Philippines

**Authors:** Yuichi Nakajima , Yu Matsuki , Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Kazuo Nadaoka and Chunlan Lian

**Publication title:** Journal of Marine Science and Engineering 11(2):356, February 2023

*Full text link <https://tinyurl.com/4wamdahu>*

**Article title:** Linking variability in early life growth of *Sardinella lemuru* to changes in habitat conditions in Zamboanga upwelling system, Sulu Sea, the Philippines

**Authors:** Alexanra Bagarinao and Wilfredo Campos

**Publication title:** Marine Ecology Progress Series 682:191-206, January 2022

*Full text available upon request to the author/s*

**Article title:** A baseline report on the current status of the sardine fishery in the Republic of the Philippines

**Authors:** Elirozz Carlie Labaria, Diana Fernandez de la Reguera, Florence Poulain, Susana Siar, Marcelo Vasconcellos

**Publication title:** The risks and vulnerability of the sardine fisheries sector in the Republic of the Philippines to climate and other non-climate processes (pp.25-55), December 2021

*Full text link <https://tinyurl.com/2p8x2vuv>*

**Article title:** Climate change and the Philippine sardine fisheries: status of stocks, stressors, threats and measures for sustainability

**Authors:** Alexanra Bagarinao and Wilfredo Campos

**Publication title:** Aquatic Sciences and Fisheries Abstracts (ASFA)

*Full text available upon request to the author/s*

**Article title:** Effectiveness of small locally-managed marine protected areas for coral reef fisheries management in the Philippines

**Authors:** Richard N. Muallil, Melchor R. Deocadez, Renmar Jun S. Martinez, Wilfredo L. Campos, Samuel S. Mamauag, Cleto L. Nañola Jr., Porfirio M. Aliño

**Publication title:** Ocean & Coastal Management 179(C):104831, May 2019

*Full text available upon request to the author/s*

**Article title:** Ontogenetic feeding shift and size-based zooplanktivory in *Sardinella lemuru* (Pisces, Clupeidae) during an upwelling in southeastern Sulu Sea, The Philippines

**Authors:** Ephrime B. Metillo, Wilfredo L. Campos, Cesar L. Villanoy, Ken-ichi Hayashizaki, Takashi Tsunoda, Shuhei Nishida

**Publication title:** Fisheries Management and Ecology 25(6), November 2018

*Full text available upon request to the author/s*

**Article title:** A comparison of the vertical distribution and species composition of Chaetognaths between high and low production areas in Dipolog Bay, East Sulu Sea, Philippines

**Authors:** Cristy S. Acabado and Wilfredo L. Campos

**Publication title:** Philippine Journal of Natural Sciences 23:30-40, 2018

*Full text link <https://tinyurl.com/ynkud5zf>*

**Article title:** Fecundity and Oocyte Development of the White-spotted Rabbitfish *Siganus canaliculatus* (Park 1797) in Palompon, Leyte, Eastern Visayas, Philippines

**Authors:** Liezel Cordel Paraboles and Wilfredo Lopez Campos

**Publication title:** Asian Fisheries Science 3:245–251, 2018

*Full text link <https://tinyurl.com/32dd2kpn>*

**Article title:** Fungal diversity of mangrove-associated sponges from New Washington, Aklan, Philippines

**Authors:** Mark S. Calabon, Resurreccion B. Sadaba & Wilfredo L. Campos

**Publication title:** Mycology 10(4):1-16, September 2018

*Full text link <https://tinyurl.com/yc2zte8a>*

**Article title:** Gonad development and reproductive cycle of the white-spotted rabbitfish *Siganus canaliculatus* (Park, 1797) in Palompon, Leyte, Eastern Visayas, Philippines

**Authors:** L. C. Paraboles, W. L. Campos

**Publication title:** Journal of Applied Ichthyology 31(2), May 2018

*Full text available upon request to the author/s*

**Article title:** The Fisheries Profile of Gigantes Islands, Carles, Philippines and Notes on its Scallop Fishery History

**Authors:** Cristy S. Acabado, Donna M. Guarte, Liezel C. Paraboles, and Wilfredo L. Campos

**Publication title:** Philippine Journal of Natural Sciences 22:37-47, January 2018

*Full text link <https://tinyurl.com/5ybxp5nv>*

**Article title:** Population genetics information for the regional conservation of a tropical seagrass, *Enhalus acoroides*, around the Guimaras Strait, Philippines

**Authors:** Yuichi Nakajima, Yu Matsuki, Dan M. Arriesgado, Wilfredo L. Campos, Kazuo Nadaoka, Chunlan Lian

**Publication title:** Conservation Genetics 18(4):1-10, August 2017

*Full text link <https://tinyurl.com/yc38vhup>*

**Article title:** First record of *Evoxymetopon Taeniatus* (Actinopterygii: Perciformes: Trichiuridae) from the Philippines

**Authors:** Donna M. Guarte and Wilfredo L. Campos

**Publication title:** Acta Ichthyologica Et Piscatoria 46(4):361-366, December 2016

*Full text link <https://tinyurl.com/4ehw2w5f>*

**Article title:** Population genetic diversity and structure of a dominant tropical seagrass, *Cymodocea rotundata*, in the Western Pacific region

**Authors:** Dan M. Arriesgado, Hiroyuki Kurokochi, Yuichi Nakajima, Yu Matsuki, Wilfredo H. Uy, Miguel D. Fortes, Wilfredo L. Campos, Kazuo Nadaoka & Chunlan Lian

**Publication title:** Marine Ecology 37(4), May 2016

*Full text link <https://tinyurl.com/3rana8tu>*

**Article title:** Phylogeography of the planktonic shrimp *Lucifer hanseni* Nobili 1905 in the Indo-Malayan Archipelago

**Authors:** Mary Mar Noblezada, Hiroomi Miyamoto, Wilfredo L. Campos, Fatimah MD. Yusoff and Shuhei Nishida

**Publication title:** Journal of the Marine Biological Association of the UK -1(1):1-12, February 2016

*Full text link <https://tinyurl.com/mr474pwc>*

**Article title:** Estimating Copepod and Naupliar Production Rates in the Bohol Sea Using a Rotisserie-Inspired Plankton Wheel

**Authors:** Mac Euan D. Malugao, Ephrime B. Metillo, Wilfredo L. Campos

**Publication title:** The Philippine Scientist 52:73-88, December 2015

*Full text link <https://tinyurl.com/5f8ynhra>*

**Article title:** Genetic diversity and structure of the tropical seagrass *Cymodocea serrulata* spanning its central diversity hotspot and range edge

**Authors:** Dan M.Arriesgado, HiroyukiKurokochi, Yuichi Nakajima, YuMatsuki, Wilfredo H.Uy, MiguelD.Fortes, Wilfredo L.Campos

**Publication title:** Aquatic Ecology 49(3), September 2015

*Full text link <https://tinyurl.com/4fpy845w>*

**Article title:** A baseline for the genetic conservation of tropical seagrasses in the western North Pacific under the influence of the Kuroshio Current: the case of *Syringodium isoetifolium*

**Authors:** Hiroyuki Kurokochi, Yu Matsuki, Yuichi Nakajima, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Kazuo Nadaoka, Chunlan Lian

**Publication title:** Conservation Genetics 17(1), August 2015

*Full text link <https://tinyurl.com/yc7adaf5>*

**Article title:** The Kuroshio Current influences genetic diversity and population genetic structure of a tropical seagrass, *Enhalus acoroides*

**Authors:** Yuichi Nakajima, Yu Matsuki, Chunlan Lian, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Masahiro Nakaoka, Kazuo Nadaoka

**Publication title:** Molecular Ecology 23(24), November 2014

*Full text available upon request to the author/s*

**Article title:** Isolation and characterization of novel microsatellite markers for *Cymodocea serrulata* (Cymodoceaceae), a seagrass distributed widely in the Indo-Pacific region

**Authors:** Dan M. Arriesgado, Hiroyuki Kurokochi, Chunlan Lian, Yuichi Nakajima, Yu Matsuki, Satoshi Nagai, Motoshige Yasuike, Yoji Nakamura, Wilfredo H. Uy, Miguel D. Fortes, Wilfredo L. Campos, Kazuo Nadaoka

**Publication title:** Plant Species Biology 30(4), October 2014

*Full text available upon request to the author/s*

**Article title:** Antifouling potentials of *Neopetrosia proxima* from Southern Guimaras, Philippines against the marine diatom *Navicula ramosissima*, barnacle *Balanus* sp., and green mussel *Perna viridis*.

**Authors:** Jean R. Calapuan, Nathaniel C. Añasco, Wilfredo L. Campos, Rica P. Cainglet, Karlo H. Primavera

**Publication title:** Advances in Environmental Sciences - International Journal of the Bioflux Society

*Full text link <https://tinyurl.com/y8nx9wz3>*

**Article title:** Long-term change in coral cover and the effectiveness of marine protected areas in the Philippines: A meta-analysis

**Authors:** Evangeline T. Magdaong, Masahiko Fujii, Hiroya Yamano, Wilfredo Y. Licuanan, Aileen Maypa, Wilfredo L. Campos, Angel C. Alcala, Alan T. White, Dean Apistar & Rafael Martinez

**Publication title:** Hydrobiologia 733(1), July 2014

*Full text link <https://tinyurl.com/4rvdnuhs>*

**Article title:** Distribution of *Rhincalanus nasutus* Giesbrecht 1888 (Calanoida, Copepoda) During the Eastern Sulu Sea Coastal Upwelling Season

**Authors:** Ephrime B. Metillo, Cristy S. Acabado, Wilfredo L. Campos, and Shuhei Nishida

**Publication title:** Philippine Journal of Science 142(1):9-19, June 2014

*Full text link <https://tinyurl.com/ydmrnkp3>*

**Article title:** Gene pool and population structure in larval *Herklotsichthys quadrimaculatus* (Rüppell, 1837)

**Authors:** R. C. Thomas Jr., P. D. Beldia III, W. L. Campos, M. D. Santos

**Publication title:** Journal of Applied Ichthyology 30(5), April 2014

*Full text link <https://tinyurl.com/ye7m3x8r>*

**Article title:** Development of novel microsatellite markers for *Cymodocea rotundata* Ehrenberg (Cymodoceaceae), a pioneer seagrass species widely distributed in the Indo-Pacific

**Authors:** Dan M. Arriesgado, Yuichi Nakajima, Yu Matsuki, Chunlan Lian, Satoshi Nagai, Motoshige Yasuike, Yoji Nakamura, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Masahiro Nakaoka & Kazuo Nadaoka

**Publication title:** Conservation Genetics Resources 6(1), March 2014

*Full text link <https://tinyurl.com/2wzatkud>*

**Article title:** Developing Marine Protected Area Networks in the Coral Triangle: Good Practices for Expanding the Coral Triangle Marine Protected Area System

**Authors:** Rebecca Weeks , Porfirio M. Aliño , Scott Atkinson , Pacifico Beldia II , Augustine Binson , Wilfredo L. Campos , Rili Djohani , Alison L. Green , Richard Hamilton , Vera Horigue , Rebecca Jumin , Kay Kalim , Ahsanal Kasasiah , Jimmy Kereseke , Carissa Klein , Lynette Laroya , Sikula Magupin , Barbara Masike , Candice Mohan , Rui Miguel Da Silva Pinto , Agnetha Vave-Karamui , Cesar Villanoy , Marthen Welly & Alan T. White

**Publication title:** Coastal Management 42(2):183-205, February 2014

*Full text link <https://tinyurl.com/mr22ne4p>*

**Article title:** Development of microsatellite markers in a tropical seagrass *Syringodium isoetifolium* (Cymodoceaceae)

**Authors:** Yu Matsuki, Akiko Takahashi, Yuichi Nakajima, Chunlan Lian, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Masahiro Nakaoka & Kazuo Nadaoka

**Publication title:** Conservation Genetics Resources 5(3), September 2013

*Full text available upon request to the author/s*

**Article title:** Development of 10 novel polymorphic microsatellite markers for the Indo-Pacific horned starfish, *Protoreaster nodosus*

**Authors:** Yuichi Nakajima, Nina Yasuda, Yu Matsuki, Dan M. Arriesgado, Chunlan Lian, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Masahiro Nakaoka, Coralie Taquet, Suharsono, Satoshi Nagai, Kazuo Nadaoka

**Publication title:** Marine Genomics 11:27-29, September 2013

*Full text available upon request to the author/s*

**Article title:** Spatial variability in reef habitat structure in southern central Philippines

**Authors:** Karen A. Villarta, Wilfredo L. Campos, and Pacico D. Beldia II

**Publication title:** Galaxea Journal of Coral Reef Studies 15(Supplement):84-91, January 2013

*Full text link <https://tinyurl.com/mv394x5s>*

**Article title:** Fish larval flux in relation to time and tide in Taklong Island National Marine Reserve (Tinmar), Southern Guimaras, Philippines

**Authors:** Cristy S. Acabado, Wilfredo L. Campos August S. Santillan

**Publication title:** Galaxea Journal of Coral Reef Studies 15(Supplement):208-214, January 2013

*Full text link <https://tinyurl.com/3cc6p5mr>*

**Article title:** Temporal patterns of reef macroinvertebrate communities Tawi-Tawi, Philippines

**Authors:** Genibeth Genito and Wilfredo Campos

**Publication title:** Galaxea Journal of Coral Reef Studies 15(Supplement):143-153, January 2013

*Full text link <https://tinyurl.com/2wpdek5>*

**Article title:** Using diversity in reef fish assemblages in determining recovery potential in marine protected areas

**Authors:** Wilfredo L. Campos, Pacico D. Beldia II and Karen A. Villarta

**Publication title:** Galaxea Journal of Coral Reef Studies 15(Supplement):215-220, January 2013

*Full text link <https://tinyurl.com/2prrb79p>*

**Article title:** Development of microsatellite markers for *Thalassia hemprichii* (Hydrocharitaceae), a widely distributed seagrass in the Indo-Pacific

**Authors:** Yu Matsuki, Yuichi Nakajima, Chunlan Lian, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Masahiro Nakaoka & Kazuo Nadaoka

**Publication title:** Conservation Genetics Resources 4(4), December 2012

*Full text available upon request to the author/s*

**Article title:** Development of novel microsatellite markers in a tropical seagrass, *Enhalus acoroides*

**Authors:** Yuichi Nakajima, Yu Matsuki, Chunlan Lian, Miguel D. Fortes, Wilfredo H. Uy, Wilfredo L. Campos, Masahiro Nakaoka & Kazuo Nadaoka

**Publication title:** Conservation Genetics Resources 4(2):515-517, June 2012

*Full text available upon request to the author/s*

**Article title:** Chaetognath assemblages along the Pacific Coast and adjacent inland waters of the Philippines: Relative importance of oceanographic and biological factors

**Authors:** Mary Mar P. Noblezada and Wilfredo L. Campos

**Publication title:** ICES Journal of Marine Science 69(3):410-420, April 2012



*Full text link <https://tinyurl.com/4hzvc2eh>*

**Article title:** Population Biology of Tripneustes gratilla (Linnaeus)(Echinodermata) in Seagrass Beds of Southern Guimaras, Philippines

**Authors:** Joshua M. Regalado, Wilfredo L. Campos and August S. Santillan

**Publication title:** Population Biology of Tripneustes Gratilla

*Full text link <https://tinyurl.com/2vkdc8ec>*

**Article title:** A Comparison of Zooplankton Assemblages in a Coastal Upwelling and Offshore Station in East Sulu Sea

**Authors:** Cristy S. Acabado and Wilfredo L. Campos

**Publication title:** Philippine Journal of Natural Science 23:30-40, 2018

*Full text link <https://tinyurl.com/43f7hsw7>*

**Article title:** Spatial distribution of chaetognaths off the northern Bicol Shelf, Philippines (Pacific coast)

**Authors:** Mary Mar P. Noblezada, Wilfredo L. Campos

**Publication title:** ICES Journal of Marine Science 65(3):484-494, March 2008

*Full text available upon request to the author/s*

**Article title:** Using ichthyoplankton distribution in selecting sites for an MPA network in the Sulu Sea, Philippines

**Authors:** W. L. Campos, P. D. Beldia II, C. L. Villanoy and P. M. Aliño

**Publication title:** Proceedings of the 11th International Coral Reef Symposium, July 2008

*Full text link <https://tinyurl.com/44kwm8wv>*

**Article title:** Recent Advances in the Management of Marine Protected Areas in the Philippines

**Authors:** Wilfredo L. Campos and Porrio M. Aliño

**Publication title:** Kuroshio Science 2(1):29-34, 2008

*Full text link <https://tinyurl.com/bdd5nhyn>*

**Article title:** Feeding Relationships of Dominant Fish Species in the Visayan Sea

**Authors:** Annie Trixie L. Mequila and Wilfredo L. Campos

**Publication title:** Science Diliman 19(1):35-46, January-June 2007

*Full text link <https://tinyurl.com/3429bnpc>*

**Article title:** Composition, Abundance and Distribution of Chaetognaths Along the Pacific Coast and Adjacent Internal Waters of the Philippines

**Authors:** M. M. P. Noblezada and W. Campos

**Publication title:** Science Diliman 1, June 2007

*Full text available upon request to the author/s*

**Article title:** Biomass, vertical distribution and community structure of mesozooplankton in the Sulu Sea and its adjacent waters

**Authors:** Jun Nishikawa, Hiroyuki Matsuura, Lourdes V. Castillo, Wilfredo L. Campos, Shuhei Nishida

**Publication title:** Deep Sea Research Part II: Topical Studies in Oceanography  
54(1-2):114-130, January 2007

*Full text available upon request to the author/s*

**Article title:** Some Aspects of the Population Biology of the Green Tiger Prawn *Penaeus semisulcatus* (De Haan, 1844) from Pilar and Capiz Bays, Northern Panay, West Central Philippines

**Authors:** Karen A. Villarta, Annabelle G.C. del Norte-Campos, Wilfredo L. Campos

**Publication title:** Science Diliman 18(1):1-10, January-June 2006)

*Full text link <https://tinyurl.com/ysk9jhhz>*

**Article title:** A Decision Support Model for Determining Sizes of Marine A Decision Support Model for Determining Sizes of Marine Protected Areas: Biophysical Considerations

**Authors:** Shields Marine Station, P. M. Aliño, W. Campos, G. Castillo, M. Menez

**Publication title:** Philippine Agricultural Scientist 89(1), March 2006

*Full text available upon request to the author/s*

**Article title:** Impact of the commercial fishery on the population of bait shrimp (*Penaeus* spp.) in Biscayne Bay, 1986

**Authors:** W. L. Campos and S. A. Berkeley

**Publication title:** NOAA/University of Miami Joint Publication, January 2003

*Full text link <https://tinyurl.com/2rm7edya>*

**Article title:** Population parameter estimates of two seagrass-associated sea urchins (Echinodermata) in southern Guimaras, Philippines: preliminary findings

**Authors:** Beldia, P.D.; I I.; Evano, N.P.; Campos, W.L.; Santillan, A.S.; Bitoonon, J.B.; Jalandoni, P.B.

**Publication title:** Philippine Scientist 40: 122-142, 2003

*Full text available upon request to the author/s*

**Article title:** Inferences from the horizontal distribution of dab *Limanda limanda* (L.) and flounder *Platichthys flesus* (L.) larvae in the southeastern North Sea

**Authors:** Wilfredo L. Campos, Matthias Kloppmann, Hein von Westernhagen

**Publication title:** Netherlands Journal of Sea Research 32(3-4): 277-286, November 1994

*Full text available upon request to the author/s*

**Article title:** Yield estimates, catch, effort and fishery potential of the reef flat in Cape Bolinao, Philippines

**Authors:** W. L. Campos, A. G. C. Del Norte-Campos and J. W. Mcmanus

**Publication title:** Journal of Applied Ichthyology 10(2-3):82 - 95, July 1994

*Full text available upon request to the author/s*

**Article title:** Diel patterns in abundance, distribution and composition of ichthyoplankton in shallow reef areas in Southern Guimaras, Central Philippines

**Authors:** Wilfredo Campos and August S. Santillan

**Publication title:** Coastal Marine Science 30(1):373-378, 2006

*Full text link* <https://tinyurl.com/yc8jecm2>

**Article title:** Reef Faunal Assemblages & Seagrass-associated Echinoderm Populations in Oil Spill-affected Waters in Southern Guimaras, Philippines: A Comparison between Pre-spill and Post-spill Years

**Authors:** Wilfredo Campos

**Publication title:** Mem. Fac. Fish. Kagoshima Univ 33-40, 2010

*Full text link* <https://tinyurl.com/yc7p4vts>

**DR. EMMA E. PORIO***Conservation Biology***Sex:** Female**Fields of Specialization**

Governance  
 Political Sociology  
 Institutional Analysis  
 Citizen Participation  
 Local Governance  
 Local Development  
 Political Participation  
 Urbanism  
 Housing

**Researches:**

**Article title:** Spatiotemporal Assessment of PM2.5 Exposure of a High-risk Occupational Group in a Southeast Asian Megacity

**Authors:** Jarl Tynan Collado, Jose Gabriel Abalos, Imee de los Reyes, Melliza T. Cruz, Gabrielle Frances Leung, Katrina Abenojar, Carlos Rosauro Manalo, Bernell Go, Christine L. Chan, Charlotte Kendra Gotangco Gonzales, James Bernard B. Simpas, Emma E. Porio, John Q. Wong, Shih-Chun Candice Lung, Maria Obiminda L. Cambaliza

**Publication title:** Aerosol and Air Quality Research 23(1):220134, January 2023

*Full text link* <https://tinyurl.com/2vwwfs9b>

**Article title:** The 'wickedness' of governing land subsidence: Policy perspectives from urban Southeast Asia

**Authors:** Rapti Siriwardane-de Zoysa, Tilo Scho"ne, Johannes Herbeck, Julia Illigner4, Mahmud Haghighi, Hendricus Simarmata, Emma Porio, Alessio Rovere, Anna-Katharina Hornidge

**Publication title:** PLoS ONE 16(6):e0250208, June 2021

*Full text link* <https://tinyurl.com/53r297nx>

**Article title:** Evaluation of a resilience intervention for Filipino displaced survivors of Super Typhoon Haiyan

**Authors:** Maria Regina Hechanova, Pierce S. Docena, Liane Peña Alampay, Avegale Acosta, Emma E. Porio, Isabel E. Melgar, Rony Berger

**Publication title:** Disaster Prevention and Management An International Journal 27(3):346-359, June 2018

*Full text link <https://tinyurl.com/2p9crvcu>*

**Article title:** Social Well-Being in the Philippines: Indicators and Patterns

**Authors:** Emma Porio and Justin See

**Publication title:** The Senshu Social Well-being Review 4:95-116, 2017

*Full text link <https://tinyurl.com/yramjz2h>*

**Article title:** A review of community-based solar home system projects in the Philippines

**Authors:** Erees Queen B. Macabebe, Reynaldo C. Guerrero, Jr., Aleta C. Domdom, Aison S. Garcia, Emma E. Porio, Samuel Matthew G. Dumlaog and Teresita R. Perez

**Publication title:** MATEC Web of Conferences 70:12002, January 2016

*Full text available upon request to the author/s*

**Article title:** Quantifying Resilience to Flooding among Households and Local Government Units using System Dynamics: A Case Study in Metro Manila

**Authors:** C.K. Gotangco, J. See, J.P. Dalupang, M. Ortiz, E. Porio, G. Narisma A. Yulo-Loyzaga and J. Dator-Bercilla

**Publication title:** Journal of Flood Risk Management 9(3):196-207, November 2016

*Full text link <https://tinyurl.com/cz55ckkj>*

**Article title:** Assessing Social Vulnerability to Flooding in Metro Manila Using Principal Component Analysis

**Authors:** Justine Charles G. See and Emma Porio

**Publication title:** Philippine Sociological Review 63:53-80, 2015

*Full text link <https://tinyurl.com/dwdbcpvh>*

**Article title:** Global risks: Pool knowledge to stem losses from disasters

**Authors:** Susan L. Cutter, Alik Ismail-Zadeh, Irasema Alcántara-Ayala, Orhan Altan, Daniel N. Baker, Salvano Briceño, Harsh Gupta, Ailsa Holloway, David Johnston, Gordon A. McBean, Yujiro Ogawa, Douglas Paton, Emma Porio, Rainer K. Silbereisen, Kuniyoshi Takeuchi, Giovanni B. Valsecchi, Coleen Vogel & Guoxiong Wu

**Publication title:** Nature 522(7556):277-9, June 2015

*Full text link <https://tinyurl.com/3wc52ujt>*

**Article title:** Rapprochements Between Theology and the Social Sciences: A Round Table Discussion on Women and the Catholic Church

**Authors:** Agnes Brazal, Eleanor Dioniso, Kathleen Nadeau, Emma Porio, Mary Racelis

**Publication title:** Budhi A Journal of Ideas and Culture 19(1), 2015

*Full text available upon request to the author/s*

**Article title:** Sustainable development goals and quality of life targets: Insights from Metro Manila

**Authors:** Emma Porio

**Publication title:** Current Sociology 63(2):244-260, February 2014

*Full text link <https://tinyurl.com/bd43vy8x>*

**Article title:** Climate Change Vulnerability and Adaptation in Metro Manila Challenging Governance and Human Security Needs of Urban Poor Communities

**Authors:** Emma Porio

**Publication title:** Asian Journal of Social Science 42(1-2):75-102, January 2014

*Full text link <https://tinyurl.com/4k23rfbz>*

**Article title:** Impacts of extreme weather events and implications for adaptation planning for coastal cities

**Authors:** Archana Patankar, Anand Patwardhan, Wijitbusaba Marome, Emma Porio

**Publication title:** APN Science Bulletin 3(1):16-24

*Full text link <https://tinyurl.com/mpwvr7s3>*

**Article title:** Global Householding, Gender, and Filipino Migration: A Preliminary Review

**Authors:** Emma Porio

**Publication title:** Philippine Studies: Historical and Ethnographic Viewpoints 55(2), May 2012

*Full text link <https://tinyurl.com/4ypnkk4x>*

**Article title:** Decentralisation, Power and Networked Governance Practices in Metro Manila

**Authors:** Emma Porio

**Publication title:** Space and Polity 16(1):7-27, April 2012

*Full text link <https://tinyurl.com/ytsbstcb>*

**Article title:** Vulnerability, Adaptation, and Resilience to Floods and Climate Change-Related Risks among Marginal, Riverine Communities in Metro Manila

**Authors:** Emma Porio

**Publication title:** Asian Journal of Social Science 39(4):425-445, January 2011

*Full text link <https://tinyurl.com/ywhrja9e>*

**Article title:** Shifting spaces of power in Metro Manila

**Authors:** Emma Porio

**Publication title:** City 13(1):110-119, March 2009

*Full text link <https://tinyurl.com/mrxn8ems>*

**Article title:** Property rights, security of tenure and the urban poor in Metro Manila

**Authors:** Emma Porio and Christine Crisol

**Publication title:** Habitat International 28(2):203-219, June 2004

*Full text link <https://tinyurl.com/5t46mekn>*

**Article title:** Urban Poor Communities in State-Civil Society Dynamics: Constraints and Possibilities for Housing and Security of Tenure in Metro Manila

**Authors:** Emma Porio

**Publication title:** Asian Journal of Social Science 30(1):73-96, March 2002

*Full text link <https://tinyurl.com/43hv6dcv>*

**Article title:** Life Paths of Urban Children and Youth in Comparative Perspective

**Authors:** Cristina S. Blanc, Emma Porio, Pratibha Mehta, Wilson Moura,

**Publication title:** Childhood 3(3):375-402, August 1996

*Full text link <https://tinyurl.com/3tf9z5fj>*

**Article title:** Children of the Streets: Socialization and Formation of the Self in Rapidly Urbanizing Contexts

**Authors:** Emma Porio

**Publication title:** Philippine Sociological Review 42(1):40-52, January 1994

*Full text link <https://tinyurl.com/yc7bhjm4>*

**DR. EDUARDO O. MANGAOANG***Botany*

**Sex:** Male

**Field of Specialization**

Forestry research  
Forest management  
Agroforestry  
Tree Plantation  
Community Forestry  
Forest Economics  
Forest Conservation

**Researches:**

**Article title:** Assessing the Effectiveness of the Engagement of Local People in Restoring Degraded Forest Landscapes in Leyte and Biliran Provinces, the Philippines

**Authors:** Kanchana Wiset, Nestor Gregorio, Robert Fisher, Eduardo Mangaoang, John Herbohn

**Publication title:** SSRN Electronic Journal

*Full text available upon request to the author/s*

**Article title:** Inventory Procedures for Smallholder and Community Woodlots in the Philippines: Methods, Initial Findings and Insights

**Authors:** J. L. Herbohn, J. Vanclay, H. Ngyuen, H. D. Le, J. Baynes, S. R. Harrison, E. Cedamon, C. Smith, J. Firn, N. O. Gregorio, E. Mangaoang & E. Lamarre

**Publication title:** Small-scale Forestry 13(1):79-100, March 2014

*Full text link <https://tinyurl.com/2t9mnzy9>*

**Article title:** Compiling Market and Other Financial Data on Smallholder Forestry in Leyte, the Philippines

**Authors:** Edwin Cedamon, Steve Harrison, John Herbohn & Eduardo Mangaoang

**Publication title:** Small-scale Forestry 10(2):149-162, June 2011

*Full text link <https://tinyurl.com/38j7scbk>*



**Article title:** Cost-Effective Systems for Seedling Production and Tree Farm Establishment

**Authors:** Eduardo O. Mangaoang, Edilberto E. Nasayao, Edwin D. Cedamon, and Salome B. Bulayog

**Publication title:** Annals of Tropical Research 27(1): 11-18, 2005

*Full text link <https://tinyurl.com/mr37cb46>*

**Article title:** Review of existing nursery accreditation and seedling certification system for the forestry and fruit trees in Leyte

**Authors:** Eduardo O. Mangaoang

**Publication title:** Annals of Tropical Research 32(2): 71–79, 2010

*Full text link <https://tinyurl.com/3pejcmca>*

**Article title:** Users' Reactions to the Primer on Tree Registration Policies: Lessons for Designing Extension Materials and Improving Information Flow

**Authors:** Rotacio Gravoso, Eduardo Mangaoang, Maria Anabelle Gerona, Arturo Pasa & Steve Harrison

**Publication title:** Small-scale Forestry 8(3):275-287, September 2009

*Full text link <https://tinyurl.com/4ptrvzs8>*

**Article title:** Stakeholders' Reactions to the 'Whiteboard' Timber Information System: Insights for Linking Smallholder Tree Farmers to the Market

**Authors:** Maria Anabelle D. Gerona, Rotacio S. Gravoso, Arturo E. Pasa, Eduardo O. Mangaoang

**Publication title:** Science & Humanities Journal 8:16-30, 2008

*Full text available upon request to the author/s*

**Article title:** Tree Adoption and Nursery and Propagation Practices in Smallholder Upland Farms in Inopacan and Isabel, Leyte, the Philippines

**Authors:** Samuel O. Bernaldez & Eduardo O. Mangaoang

**Publication title:** Small-scale Forestry 7(3):295-309, September 2008

*Full text link <https://tinyurl.com/5e253dnx>*

**Article title:** Assessment of Tree Registration in Leyte and Biliran Islands

**Authors:** Emma M. Germano, Emmanuel G. Tan, Eduardo O. Mangaoang and Edwin Cedamon

**Publication title:** Annals of Tropical Research 29(3): 39–48, 2007

*Full text link <https://tinyurl.com/2p8b2mus>*

**Article title:** Development of an Extension 'Primer' on Tree Registration Policy in Leyte: An Example of a Collaborative Material Design

**Authors:** Melissa Gordon, Rotacio Gravoso, Eduardo Mangaoang and Edwin Balbarino

**Publication title:** Annals of Tropical Research 29(3): 25–37, 2007

*Full text link <https://tinyurl.com/3ntkrxjs>*

**Article title:** Present Tree Planting and Management Activities in Four Rural Communities in Leyte Province, the Philippines

**Authors:** Edwin O. Cedamon, Nick F. Emtage, Jungho Suh, John L. Herbohn, Steve R. Harrison and Eduardo O. Mangaoang

**Publication title:** Annals of Tropical Research 27(1):19-34, 2005

*Full text link <https://tinyurl.com/5n98zzz9>*

**Article title:** Building-up partnerships for community forestry: The ACIAR Smallholder Forestry Project experience

**Authors:** Eduardo O. Mangaoang & Edwin D. Cedamon

**Publication title:** Small-scale Forest Economics Management and Policy 3(3), December 2004

*Full text link <https://tinyurl.com/2waacejb>*

**Article title:** Tree Planting Progress at Four Community Forestry Sites In Leyte: Some Observations and Lessons Learned

**Authors:** Eduardo O. Mangaoang and Steve Harrison

**Publication title:** Annals of Tropical Research 25(1): 1-10, 2003

*Full text link <https://tinyurl.com/yzmnhvvj>*

**Article title:** Preferred native tree species for smallholder forestry in Leyte

**Authors:** Eduardo O. Mangaoang and Arturo E. Pasa

**Publication title:** Annals of Tropical Research 25(1): 25-30, 2003

*Full text link <https://tinyurl.com/2hxx9ps9>*

**PATRICIA ANN SANCHEZ***Disaster Risk Reduction*

**Sex:** Female

**Field of Specialization**

Climate change

Water sources management

Disaster Risk Reduction

**Researches:**

**Article title:** Selecting safe zone for threatened species conservation: a case study of a watershed in the southern Philippines

**Authors:** John Aries G. Tabora, Rico C. Ancog, Patricia Ann J. Sanchez, Mark Dondi M. Arboleda, Ireneo L. Lit Jr. & Cristino L. Tiburan Jr

**Publication title:** Annals of GIS, June 2023

*Full text link <https://tinyurl.com/5h44ss2a>*

**Article title:** The last stand of a watershed forest in Southern Philippines: a case study of land cover and biodiversity

**Authors:** John Aries G. Tabora, Rico C. Ancog, Patricia Ann J. Sanchez, Mark Dondi M. Arboleda, Ireneo L. Lit, Jr., Cristino L. Tiburan, Jr.

**Publication title:** Biodiversitas Journal of Biological Diversity 24(3):1438-1449, March 2023

*Full text <https://tinyurl.com/ku9umuyx>*

**Article title:** Creation of 3D flood hazard maps and dissemination of technology for flood-prone areas in the Republic of the Philippines

**Authors:** Naoko Nagumo, Miho Ohara, Masakazu Fujikane, Takuya Inoue, Yuki Hiramatsu, Jaranilla Sanchez Patricia Ann

**Publication title:** E-journal GEO 17(1):123-136, June 2022

*Full text available upon request to the author/s*

**Article title:** Examining the challenges of using satellites for early identification of disaster victims using the 2020 Typhoon Ulysses disaster in the Republic of the Philippines as an example

**Authors:** Kentaro Aida, Miho Ohara, Naoko Nagumo, Patricia Ann Jaranilla-Sanchez, Keijiro Kubota, Takafumi Araya

**Publication title:** Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering) 78(2):1985-1990, January 2022

*Full text available upon request to the author/s*

**Article title:** Fragmentation Trajectories as a Review of Existing and Proposed Single-valued Fragmentation Indices

**Authors:** Dante Gideon K. Vergara, Rodel D. Lasco, Robert T. Walker, Antonio J. Alcantara, Rico C. Ancog, Patricia Ann J. Sanchez, Cristino L. Tiburon, Jr.

**Publication title:** Journal of Environmental Science and Management 24(2):30-47, December 2021

*Full text link <https://tinyurl.com/397kcmwb>*

**Article title:** Evaluations on Radar QPE using raindrop size distribution in Southern Luzon, Philippines

**Authors:** Jonathan T. Macuroy, Wei-Yu Chang, Decibel V. Faustino-Eslava, Patricia Ann J. Sanchez, Cristino L. Tiburan Jr., and Ben Jong-Dao Jou

**Publication title:** Terrestrial Atmospheric and Oceanic Sciences 32(5.1), February 2021

*Full text link <https://tinyurl.com/5xf5y9eh>*

**Article title:** Application of rapid climate decision analysis support tool in assessing climate-sensitive farming decisions in Calapan and Gloria, Oriental Mindoro, Philippines

**Authors:** Dan Leo Z. Diona II, Jeffrey Andrew D. Lososo, Canesio D. Predo, Juan M. Pulhin, Patricia Ann J. Sanchez, Asa Jose U. Sajise, Catherine C. De Luna, Kevin A. Parton and Peter T. Hayman

**Publication title:** The Philippine Agricultural Scientist 103 (Special Issue), December 2020

*Full text link <https://tinyurl.com/8mtpc9d5>*

**Article title:** Groundwater vulnerability assessment using modified hydrological DRASTIC model in Meycauayan City, Bulacan, Philippines

**Authors:** Francis Jhun T. Macalam, Marisa J. Sobremisana, Patricia Ann J. Sanchez, Simplicia A. Pasicolan

**Publication title:** Journal of Biodiversity and Environmental Sciences (17(5):11-23, 2020

*Full text link <https://tinyurl.com/3uve5uc4>*

**Article title:** Drinking Water Treatment using Hybrid Biosand Filter with Locally Produced Coconut Shell Carbon for Brgy. San Juan, Kalayaan, Laguna, Philippines

**Authors:** Joseph J. Magdalera, Patricia Ann J. Sanchez, Marisa J. Sobremisana, Ramer P. Bautista

**Publication title:** Internet Journal of Society for Social Management Systems 12(2):19-5080, 2020

*Full text link <https://tinyurl.com/eu4wcnbb>*

**Article title:** Solid Waste Management and Reduction of Agricultural Post-harvest Losses Using Cold-storage: Perceptions of Farmers in Benguet, Philippines

**Authors:** Patricia Ann J. Sanchez, Maria Lorena Cruz, John Victor H. Manansala, Maria Victoria O. Espaldon, King Karl Seroje, Jose Feliciano G. Calora, Jr., John Malamug, Edgar Molintas,

**Publication title:** Journal of Environmental Science and Management 22(1):99-108, September 2019

*Full text link <https://tinyurl.com/24e7rkb5>*

**Article title:** Evaluation of Water Cycle Components with Standardized Indices Under Climate Change in the Pampanga, Solo and Chao Phraya Basins

**Authors:** Maksym Gusyev, Akira Hasegawa, Jun Magome, Patricia Sanchez, Ai Sugiura, Hitoshi Umino, Hisaya Sawano, and Yoshio Tokunaga

**Publication title:** Journal of Disaster Research 11(6):1091-1102, December 2016

*Full text link <https://tinyurl.com/55wuw8hu>*

**Article title:** Investigating the hydrologic response of current dam operation system to future climate in a snowy river basin (Yattajima) of Japan

**Authors:** Maheswor Shrestha, Patricia Ann Jaranilla-Sanchez, Lei Wang and Toshio Koike

**Publication title:** Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering) 71(4):103-108, January 2015

*Full text link <https://tinyurl.com/2edu54ep>*

**Article title:** Climate change assessment in Asian Water Cycle

**Authors:** Toshio Koike, Petra Koudelova, Patricia Ann Jaranilla-Sanchez, Cho Thanda Nyunt and Sixto Durran-Ballen

**Publication title:** APN Science Bulletin 3(1):25-35, January 2013

*Full text link <https://tinyurl.com/ya7pz4ka>*

**Article title:** Droughts in the Philippines: The Pampanga River Basin

**Authors:** Patricia Ann Jaranilla-Sanchez, Lei Wang, and Toshio Koike

**Publication title:** Water Resources Research Vol. 47, 2011

*Full text link <https://tinyurl.com/2bzwyme>*

**DR. JIMMY T. MASAGCA***Fisheries*

**Sex:** Male

**Field of Specialization**

Marine Protected Area

Fisheries

Climate Change Adaptation

**Researches:**

**Article title:** Freshwater fishes found in Pajo-Sto. Domingo River system in Catanduanes Island, Philippines

**Authors:** Jimmy T. Masagca, Imaculate T. Latorre, Mark Lorenz S. Trinidad

**Publication title:** AACL Bioflux 15(2):878-884, 2022

*Full text link <https://tinyurl.com/mvawwhzc>*

**Article title:** Why Gender Equity Matters In Marine Protected Areas (Mpa): Taking Examples From Mangrove Conservation Initiatives In Catanduanes Island, Luzon

**Authors:** Jimmy T. Masagca, Meda B. Mercado, Melinda V. Abichuela & Glenn Paul R. Lopez

**Publication title:** International Journal of Scientific and Research Publications 10(2):98-102, February 2020

*Full text available upon request to the author/s*

**Article title:** Anti-angiogenic properties of “Makahiya”, Mimosa pudica L. (Fabaceae) aqueous root extracts

**Authors:** Masagca Jimmy T., Publico Krizza May T. and Evangelista Abelisa G.

**Publication title:** World Journal of Advanced Research and Reviews 5(01):105-111, 2020

*Full text link <https://tinyurl.com/56zmmn7m>*

**Article title:** Freshwater and Semi-terrestrial Crab Fauna of Selected Areas in Southern Luzon, Philippines

**Authors:** Jimmy Tevar Masagca

**Publication title:** American Journal of Zoology 3(1):26-34, 2020

*Full text link <https://tinyurl.com/bdcf3j8k>*

**Article title:** Fish and Plankton Resources of Cabugao Bay in Catanduanes Island, Philippines

**Authors:** Ryan Paul C. Brillante and Jimmy T. Masagca

**Publication title:** International Journal of Innovative Studies in Sciences and Engineering Technology (IJISSET) 5(7), 2019

*Full text link <https://tinyurl.com/4b3kuncy>*

**Article title:** Gains from research and development management

**Authors:** Jimmy T. Masagca, Lily P. Custodio & Minerva I. Morales

**Publication title:** Journal of Management and Development Studies 8:56-71, January 2019

*Full text link <https://tinyurl.com/mr4b74dw>*

**Article title:** Formulating an early stakeholder involvement plan for marine protected areas (MPA) in Catanduanes Island, Philippines

**Authors:** Jimmy Masagca, Minerva Morales, Aurora Araojo, Sonia Sapico, Estrella Tribiana, Meda Mercado

**Publication title:** Turkish Journal of Fisheries and Aquatic Sciences 18(1):131-142, January 2018

*Full text link <https://tinyurl.com/2fzm6nbp>*

**Article title:** Stakeholder management in marine protected areas of Catanduanes Island, Philippines

**Authors:** Jimmy T. Masagca

**Publication title:** Kuroshio Science 12(1):63-71, 2018

*Full text link <https://tinyurl.com/w3hyekyd>*

**Article title:** Exploring and linking universities in the Asia-Pacific region using "Q-Squared" approaches in research and learning for aquatic ecosystems sustainability

**Authors:** Minerva I. Morales, Jimmy T. Masagca, Aurora E. Araojo

**Publication title:** Asia Pacific Journal of Island Sustainability 29(2), January 2017

*Full text link <https://tinyurl.com/544a9hbr>*

**Article title:** Modified decision support protocol for a small-scale multi-species marine fish hatchery of the Catanduanes State University, Philippines

**Authors:** Jimmy T. Masagca

**Publication title:** AACL Bioflux 9(6):1336-1344, December 2016

*Full text <https://tinyurl.com/2cutvasj>*

**Article title:** Climate change information and adaptation in Kuroshio Region's vulnerable island

**Authors:** Kristian Q. Aldea and Jimmy T. Masagca

**Publication title:** Kuroshio Science 10(1):89-103, 2016

*Full text link <https://tinyurl.com/5bfuymza>*

**Article title:** Social representations of rural women on nutrient-enriched tilapia fish foods with *Moringa oleifera*

**Authors:** Jimmy T. Masagca, Aurora E. Araojo, Meda B. Mercado

**Publication title:** International Journal of Advanced Education and Research 1(10): 36-40, October 2016

*Full text link <https://tinyurl.com/5n8z488c>*

**Article title:** Biodiversity in the Kuroshio Region: Challenges and Trends in the Upstream

**Authors:** Kristian Q. Aldea, Minerva I. Morales, Aurora E. Araojo, Jimmy T. Masagca

**Publication title:** Kuroshio Science 9(1):45-56, 2015

*Full text link <https://tinyurl.com/ntv644dc>*

**Article title:** Constructivist Grounded Theory Approach in Understanding Couples' Perceived Fairness of Gendered Division of Labor: Implications on Marxist Feminist Approach and Third Wave Feminist Thought

**Authors:** Aurora Eusebio Araojo, Jimmy Tivar Masagca, Ernesto T Ibardaloza, Donna DB Salih, Catherine G de Leon, Medie M Lopez

**Publication title:** International Journal of Social Science Studies 3(5), August 2015

*Full text link <https://tinyurl.com/3947mbrd>*

**Article title:** Inputs for Restoring Mangroves in a Tropical Island Province for Climate Change Solution Programs

**Authors:** Jimmy Tivar Masagca

**Publication title:** IAMURE International Journal of Ecology and Conservation 12(1), March 2014

*Full text link <https://tinyurl.com/43tsmudv>*

**Article title:** Designing models for integrated rice-fish farming

**Authors:** Myrna A. Santelices, Teresita J. Avila, Minerva I. Morales, Jimmy T. Masagca, Aurora E. Araojo, Estrella T. Tribiana, Vicente G. Padilla, Eduardo Peña, Sonia A. Torio, Ma. Luz A. Floralde, Jennifer Berces

**Publication title:** CAS Journal of Research 7(1), 2013

*Full text available upon request to the author/s*

**Article title:** Cheliped Design and Mechanical Advantage of the Portunid Crabs, *Scylla serrata* and *S. Olivacea*

**Authors:** Angelica Torio, Jimmy T. Masagca, Estrella T. Tribiana

**Publication title:** CAS Journal of Research 6(1), 2012

*Full text available upon request to the author/s*

**Article title:** A preliminary study on shelter, avoidance and risks of juvenile Portunid crabs of the genus *Scylla*



**Authors:** Minerva I. Morales, Jimmy T. Masagca, Angelica V. Mendoza, Linda F. Talan, Estrella T. Tribiana, Ricardo V. Arcilla Jr., Rosel Ibardaloza, Pedro Tumaque, Sonia A. Torio, Cstifdp Research Team

**Publication title:** CAS Journal of Research 6(2), 2012

*Full text available upon request to the author/s*

**Article title:** Taxonomic Description and Some Morphometric Characters of the Gastropod, *Terebralia sulcata* Born, 1778 (Potamididae: Prosobranchia)

**Authors:** Maristel D D. Eustaquio and Jimmy T. Masagca

**Publication title:** CAS Journal of Research 6(1), 2012

*Full text available upon request to the author/s*

**Article title:** Occurrence of arboreal-climbing grapsids and other brachyurans in two mangrove areas of southern Luzon, Philippines

**Authors:** Jimmy T. Masagca

**Publication title:** Biotropia 18(2):61-73, May 2011

*Full text link <https://tinyurl.com/2r6fheyZ>*

**Article title:** The status of mollusk diversity and physical setting of the mangrove zones in Catanduanes Island, Luzon, Philippines

**Authors:** Jimmy T. Masagca, Angelica V. Mendoza, Estrella T. Tribiana

**Publication title:** Biotropia 17(2):62-76, September 2010

*Full text link <https://tinyurl.com/3rjwsk2>*

**Article title:** Feeding ecology of tree-climbing mangrove sesarmid crabs from Luzon, Philippines

**Authors:** Jimmy T. Masagca

**Publication title:** Biotropia 16(1):1-10

*Full text link <https://tinyurl.com/3fyzjptc>*

**Article title:** Enhancing Governance of the Barangay: Reflections of Academics

**Authors:** Jimmy T. Masagca, Manrico T. Masagca M. Chunxiang

**Publication title:** Journal of Administration & Governance 4(2), January 2009

*Full text available upon request to the author/s*

**Article title:** Workable approaches in Social Studies teaching\* and ICT integration in crowded classrooms

**Authors:** Jimmy T. Masagca and Nenita Dionglay

**Publication title:** Journal of Pedagogy, Technology and Synergy (2009) 1(1):1-6, 2009

*Full text link <https://tinyurl.com/3eftct7v>*

**Article title:** Occurrence and distributional range of mangrove vascular flora of Catanduanes Island, Luzon, Philippines

**Authors:** Jimmy T. Masagca

**Publication title:** Biotropia 15(2), December 2008

*Full text link <https://tinyurl.com/3pep6t6y>*

**Article title:** Teachers' perspectives on the integration of information and communication technologies (ICT) in school counseling

**Authors:** Jimmy Tevar Masagca and Noel M. Londerio

**Publication title:** The International Journal of Education and Development using Information and Communication Technology 4(4):35-49, January 2008

*Full text link <https://tinyurl.com/yacdesau>*

**Article title:** Chromosomes of the philippine snake-head gudgeon, *Ophieleotris aporos* (eleotridae) from Lake Taal, Luzon Island

**Authors:** Jimmy T. Masagca and Komar Sumantadinata

**Publication title:** Biotropia 14(1):1-8, June 2007

*Full text link <https://tinyurl.com/5jpx9t8n>*

**Article title:** Karyomorphology of the Philippine Rock Goby, *Glossogobius giuris* (Gobiidae) From Lake Taal and Some Rivers of Cavite, Luzon Island

**Authors:** Jimmy T. Masagca and Jose A. Ordonez

**Publication title:** Biotropia 21(21):11-18, January 2003

*Full text link <https://tinyurl.com/38492jyj>*

**ENGR. MERRIAM M. SANTILLAN***Geodetic Engineering*

**Sex:** Female

**Field of Specialization:**

Satellite Image Analysis

Spatial Analysis

Vegetation Mapping

Satellite image processing

Environment

**Researches:**

**Article title:** Using Machine Learning Classifiers and regression models for estimating the stand ages of falcata plantations from sentinel data

**Authors:** J. C. L. Escasio, J. R. Santillan, and M. Makinano-Santillan

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLVIII-4/W6-2022:465-472, February 2023

*Full text link <https://tinyurl.com/26vnb6m8>*

**Article title:** Near-real time hazard monitoring and information dissemination through integration of remote sensing, GIS, Numerical modeling, web applications, and social media

**Authors:** M. Makinano-Santillan, J. Serviano, C. K. Rubillos, A. Amora, J. R. Santillan, E. M. Morales, J. T. Marqueso, and A. L. Gingo

**Publication title:** ISPRS Annals of the Photogrammetry Remote Sensing and Spatial Information Sciences IV-3/W1:25-32, March 2019

*Full text link <https://tinyurl.com/mu8ekek8>*

**Article title:** Analyzing the impacts of land cover change to the hydrologic and hydraulic behaviors of the Philippines' third largest river basin

**Authors:** J. R. Santillan, A. M. Amora, M. Makinano-Santillan, A. L. Gingo, and J. T. Marqueso

**Publication title:** ISPRS Annals of the Photogrammetry Remote Sensing and Spatial Information Sciences IV-3/W1:41-48, March 2019

*Full text link <https://tinyurl.com/5t3m8ccf>*

**Article title:** Elevation-based sea-level rise vulnerability assessment of Mindanao, Philippines: are freely-available 30-M DEMs good enough

**Authors:** J. R. Santillan and M. Makinano-Santillan

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLII-2/W7:543-550, September 2017

*Full text available upon request to the author/s*

**Article title:** Influence of river bed elevation survey configurations and interpolation methods on the accuracy of Lidar DTM-based river flow simulations

**Authors:** J. R. Santillan, J. L. Serviano, M. Makinano-Santillan, J. T. Marqueso

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLII-4-W1:225-235, September 2016

*Full text link <https://tinyurl.com/2ppkwzkr>*

**Article title:** Beyond flood hazard maps: detailed flood characterization with remote sensing, GIS and 2nd modelling

**Authors:** J. R. Santillan, J. T. Marqueso, M. Makinano-Santillan and J. L. Serviano

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLII-4/W1:315-323, September 2016

*Full text link <https://tinyurl.com/2ndjh7xf>*

**Article title:** Assessing the impacts of flooding caused by extreme rainfall events through a combined geospatial and numerical modelling approach

**Authors:** J. R. Santillana, A. M. Amora, M. Makinano-Santillana, J. T. Marqueso, L. C. Cutamora, J. L. Serviano, R. M. Makinano

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLI-B8:1271-1278, June 2016

*Full text link <https://tinyurl.com/ms958ux2>*

**Article title:** Academe-Local Government Partnership Towards Effective Application of Geospatial Technologies for smarter flood disaster management at the local level: an example from Mindanao, Philippines

**Authors:** M. Makinano-Santillana, J. R. Santillana, E. M. O. Morales, L. C. S. Asube, A. M. Amora, L. C. Cutamora, R. M. Makinano

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLI-B8:109-115, June 2016

*Full text link <https://tinyurl.com/8zmuddud>*

**Article title:** Vertical accuracy assessment of 30-M resolution ALOS, ASTER, and SRTM Global DEMs over North Eastern Mindanao, Philippines

**Authors:** J. R. Santillan and M. Makinano-Santillan

**Publication title:** The International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences XLI-B4:149-156, June 2016

*Full text link <https://tinyurl.com/bdzcha2p>*

**Article title:** Integrated Landsat Image Analysis and Hydrologic Modeling to Detect Impacts of 25-Year Land-Cover Change on Surface Runoff in a Philippine Watershed

**Authors:** Jojene Santillan, Meriam Makinano, and Enrico Paringit

**Publication title:** Remote Sensing 3(6):1067-1087, December 2011

*Full text link <https://tinyurl.com/43fdud7f>*

**Article title:** Integrating Remote sensing, GIS and hydrologic models for predicting land cover change impacts on surface runoff and sediment yield in a critical watershed in Mindanao, Philippines

**Authors:** J. R. Santillan, M. M. Makinano, E. C. Paringit

**Publication title:** International Archives of the Photogrammetry, Remote Sensing and Spatial Information Science, Volume XXXVIII, Part 8, 2010

*Full text link <https://tinyurl.com/mr2kb828>*

**DR. RICHARD N. MUALLIL***Marine Science***Sex:** Male**Field of Specialization:**

Fisheries  
Fisheries Science  
Marine Ecology  
Fisheries Ecology  
Fisheries Management  
Fish Biology  
Ecology  
Fish Ecology  
Fisheries Biology  
Ichthyology  
Fisheries Sustainability  
Fish Population Dynamics  
Marine Biodiversity  
Conservation Biology  
Fish Migration  
Marine Environment  
Aquatic Science

**Researches**

**Article title:** Data on the length-weight relationship of 161 species of commercially important coral reef fishes in Tawi-Tawi islands, Southern Philippines

**Authors:** Richard N. Muallil, Ahalnida M. Tambihasan, Marylyn J. Enojario, Rosanda T. Tarabasa, Argamar A. Habibuddin, Akkil S. Injani, Mohammad Amilussin T. Ammang, Absar S. Aksa, Cleto L. Nañola Jr.

**Publication title:** Data in Brief 50, October 2023

*Full text available upon request to the author/s*

**Article title:** Ethical challenges in genetic research among Philippine Indigenous Peoples: Insights from fieldwork in Zamboanga and the Sulu Archipelago

**Authors:** Jae Joseph Russell B. Rodriguez, John Meldwin D. Cuares, Michael James B. Herrera, Louward Allen M. Zubiri, Richard N. Muallil, Altan I. Ishmael, Edlyn B. Jimenez, Mark Stoneking and Maria Corazon A. De Ungria

**Publication title:** Frontiers in Genetics 13:1-13, October 2022

*Full text link <https://tinyurl.com/3tjhw3dr>*

**Article title:** Inventory of commercially important coral reef fishes in Tawi-Tawi Islands, Southern Philippines: The Heart of the Coral Triangle

**Authors:** Richard N. Muallil, Ahalnida M. Tambihasan, Marylyn J. Enojario, Yunadzmal N. Ong, Cleto L. Nañola Jr.

**Publication title:** Fisheries Research 230(2):105640, October 2020

*Full text available upon request to the author/s*

**Article title:** Negative trophic relationship between parrotfish biomass and algal cover on Philippine coral reefs

**Authors:** Richard N. Muallil, Melchor R. Deocadez, Renmar Jun S. Martinez, Fleurdeliz M. Panga, Michael P. Atrigenio, Porfirio M. Aliño

**Publication title:** Regional Studies in Marine Science 101471(2), September 2020

*Full text available upon request to the author/s*

**Article title:** Living on the Edge: Current Status of Rare Sulu Endemic Avifauna

**Authors:** Wilhelmus A. C. van de Ven, Richard N. Muallil, Nikki Dyanne C. Realubit

**Publication title:** Journal of Environmental Science and Management, July 2020

*Full text link <https://tinyurl.com/xbwyjt2e>*

**Article title:** Preliminary report on an artisanal fishery for thresher sharks (*Alopias* spp) in Tawi-Tawi, Southern Philippines

**Authors:** Richard N. Muallil and Mohammad Gafor N. Hapid

**Publication title:** Marine Policy 117(5):103894, February 2020

*Full text available upon request to the author/s*

**Article title:** Data on the biomass of commercially important coral reef fishes inside and outside marine protected areas in the Philippines

**Authors:** Richard N. Muallila, Melchor R. Deocadez, Renmar Jun S. Martinez, Porfirio M. Aliño

**Publication title:** Data in Brief 25:104176, June 2019

*Full text link <https://tinyurl.com/yvctf8r2>*

**Article title:** Effectiveness of small locally-managed marine protected areas for coral reef fisheries management in the Philippines

**Authors:** Richard N. Muallil, Melchor R. Deocadez, Renmar Jun S. Martinez, Wilfredo L. Campos, Samuel S. Mamauag, Cleto L. Nañola Jr., Porfirio M. Aliño

**Publication title:** Ocean & Coastal Management 179(C):104831, May 2019

*Full text available upon request to the author/s*

**Article title:** Relative abundance of flying fish gillnet fisheries in Maitum, Sarangani province

**Authors:** Laila L. Emperua, Richard N. Muallil, Emelyn A. Donia, Al-azeez T. Pautong, Rosemarie R. Pechon and Therese Angeline Balonos

**Publication title:** International Journal of Fisheries and Aquatic Studies 5(5): 438-442, 2017

*Full text link <https://tinyurl.com/3r2x3u9p>*

**Article title:** Community assemblages of commercially important coral reef fishes inside and outside marine protected areas in the Philippines

**Authors:** Richard N. Muallil Melchor R. Deocadez, Renmar Jun S. Martinez, Samuel S. Mamauag, Cleto L. Nañola Jr., Porfirio M. Aliño

**Publication title:** Regional Studies in Marine Science 24, March 2015

*Full text available upon request to the author/s*

**Article title:** Fluctuating asymmetry in genetically improved Nile Tilapia, *Oreochromis niloticus* (Linnaeus), strains in the Philippines

**Authors:** Richard N. Muallil, Zubaida U. Basiao, Tereso A. Abella, and Luis Maria B. Garcia

**Publication title:** Philippine Science Letters 7(2), 2014

*Full text link <https://tinyurl.com/34d5wuev>*

**Article title:** Catch trends in Philippine small-scale fisheries over the last five decades: The fishers' perspectives

**Authors:** Richard N. Muallil, Samuel S. Mamauag, Jeffrey T. Cababaro, Hazel O. Arceo, Porfirio M. Aliño

**Publication title:** Marine Policy 47:110-117,

*Full text available upon request to the author/s*

**Article title:** Turril Fishery in Central Visayas, Philippines

**Authors:** Romell A. Seronay, Richard N. Muallil, Porfirio M. Alino

**Publication title:** Asian Fisheries Science 27: 30-44, 2014

*Full text link <https://tinyurl.com/454m4ajw>*

**Article title:** Status, trends and challenges in the sustainability of small-scale fisheries in the Philippines: Insights from FISHDA (Fishing Industries' Support in Handling Decisions Application) model

**Authors:** Richard N. Muallil, Samuel S. Mamauag, Reniel B. Cabral, Emerlinda O. Celeste-Dizon, Porfirio M. Aliño

**Publication title:** Marine Policy 44:212-221

*Full text available upon request to the author/s*

**Article title:** A framework for vulnerability assessment of coastal fisheries ecosystems to climate change—Tool for understanding resilience of fisheries (VA–TURF)



**Authors:** Samuel S. Mamauag, Porfirio M. Aliño, Renmar Jun S. Martinez, Richard N. Muallil, Maria Victoria A. Doctor, Emerlinda C. Dizon, Rollan C. Geronimo, Fleurdeliz M. Panga, Reniel B. Cabral

**Publication title:** Fisheries Research 147(Suppl.):381-393, October 2013

*Full text available upon request to the author/s*

**Article title:** Socioeconomic factors associated with fishing pressure in small-scale fisheries along the West Philippine Sea biogeographic region

**Authors:** Richard N. Muallil, Deborah Cleland, Porfirio M. Aliño

**Publication title:** Ocean & Coastal Management 82:27–33, September 2013

*Full text available upon request to the author/s*

**Article title:** Willingness to exit the artisanal fishery as a response to scenarios of declining catch or increasing monetary incentives

**Authors:** Richard N. Muallil, Rollan C. Geronimo, Deborah Cleland, Reniel B. Cabral, Maria Victoria Doctor, Annabelle Cruz-Trinidad, Porfirio M. Aliño

**Publication title:** Fisheries Research 111(1):74-81, September 2011

*Full text available upon request to the author/s*

**Publication title:** The 3D RELIEF (Resources, Environment, Livelihoods, Ecosystems and Fisheries) Map: an ecosystem-based management tool for Philippine coastal resources management

**Authors:** Richard N. Muallil and Rollan C. Geronimo

*Full text link <https://tinyurl.com/4bnvfset>*

**DR. ENCARNACION EMILIA S. YAP***Fisheries and Ocean Science*

**Sex:** Female

**Field of Specialization**

Crustacea

Crabs

Fisheries Science

Fisheries

Fisheries Management

Aquatic Science

Fish Population Dynamics

Food Science

**Researches:**

**Article title:** The use of fish silage technology to reduce fish wastes and provide additional livelihoods

**Authors:** M. Jakiul Islam, Encarnacion Emilia S. Yap, Laddawan Krongpong, Jogeir Toppe, and Omar Riego Peñarubia

**Publication title:** InfoFish International, 2021

*Full text link <https://tinyurl.com/35db7952>*

**Article title:** Isolation of Hyaluronic Acid from Yellowfin Tuna *Thunnus albacares* (Bonnaterre, 1788) Eyeball

**Authors:** Angelica Sumogod, Loda Nacional, Mae Grace Nillos, Encarnacion Emila Yap

**Publication title:** Asian Fisheries Society: Journal of the Asian Fisheries Society 33:1-9, 2020

*Full text link <https://tinyurl.com/4cxaz5uj>*

**Article title:** Antioxidative Activities and Lactic Acid Bacteria Composition of Fermented Frigate Tuna *Auxis thazard* (Lacepède, 1800) at Different Salt-fish Ratios

**Authors:** Rhessa Grace Guange Ortizo, Sharon Nonato Nunal, Mae Grace Nillo, Encarnacion Emilia Yap

**Publication title:** Asian Fisheries Society: Journal of the Asian Fisheries Society 33: 10-22, 2020

*Full text link <https://tinyurl.com/mvjbbups>*

**Article title:** Bioactivities of enzymatic protein hydrolysates derived from *Chlorella sorokiniana*

**Authors:** Lhumen A. Tejano, Jose P. Peralta, Encarnacion Emilia S. Yap, Yu-Wei Chang

**Publication title:** Food Science & Nutrition 7(1), June 2019

*Full text link <https://tinyurl.com/mrxkbmcy>*

**Article title:** Prediction of Bioactive Peptides from *Chlorella sorokiniana* Proteins Using Proteomic Techniques in Combination with Bioinformatics Analyses

**Authors:** Lhumen A. Tejano, Jose P. Peralta, Encarnacion Emilia S. Yap, Fenny Crista A. Panjaitan and Yu-Wei Chang

**Publication title:** International Journal of Molecular Sciences 20(20):1786, April 2019

*Full text link <https://tinyurl.com/bdhns7b5>*

**Article title:** A Model for Gender-Based Post-harvest Fisheries Technology Transfer Initiatives in the Philippines

**Authors:** Encarnacion Emilia S. Yap, Ernestina M. Peralta, Ruby P. Napata, Liberty N. Espectato and Genna N. Serofia

**Publication title:** Asian Fisheries Science 30S, December 2017

*Full text link <https://tinyurl.com/26hvsu4u>*

**Article title:** Nutritional Quality of the Egg Mass Locally Known as “Lukot” of the Wedge Seahare *Dolabella auricularia* (Lightfoot, 1786)

**Authors:** Ador R. Pepito, Gloria G. Delan, Manabu Asakawa, Letecia J. Ami, Emelia Encarnacion S. Yap, Minerva S.D. Olympia, Kaori Yasui, Aurelia G. Maningo, Rachel Luz V. Rica and Ma. Helian A. Lamayo

**Publication title:** Tropical Technology Journal 19(1), October 2015

*Full text link <https://tinyurl.com/bdfnxjpe>*

**Article title:** Biodegradation of 2-methylisoborneol (2-MIB) and geosmin by bacteria isolated from aquaculture pond water and sediment

**Authors:** Angel Queenee D. Dequito, Rex Ferdinand M. Traifalgar, Crispino A. Saclauso, Zella Faye A. Briones, and Encarnacion Emilia S. Yap

**Publication title:** Extreme Life, Biospeology & Astrobiology International Journal of the Bioflux Society 7(2), 2015

*Full text link <https://tinyurl.com/m53xarma>*

**Article title:** Establishment of sensory threshold levels of geosmin and 2-methylisoborneol for Filipinos

**Authors:** Jade G. Pahila, Encarnacion Emilia S. Yap, Rex Ferdinand M. Traifalgar, Crispino A. Saclauso

**Publication title:** Aquaculture, Aquarium, Conservation & Legislation  
International Journal of the Bioflux Society 7(2), 2014  
*Full text link* <https://tinyurl.com/ybeka5p3>

**Article title:** Reduction of off-flavour compounds (geosmin and 2-methylisoborneol) using different organic acids

**Authors:** Jade G. Pahila and Encarnacion Emilia S. Yap

**Publication title:** Aquaculture, Aquarium, Conservation & Legislation  
International Journal of the Bioflux Society 6(6), 2013  
*Full text link* <https://tinyurl.com/2s4drkfr>

**Article title:** Preliminary Report on the Nemertean Fauna (phylum Nemertea) in the Philippines

**Authors:** Hiroshi Kajihara, Minerva Olympian, Emilia S. Yap, Gloria Gomez-Delan, Mercy B. Quilantang, Michitaka Shimomura, Shigeto Taniyamas, and Manabu Asakawa

**Publication title:** UPV J. Nat. Sci. 12: 123-128, 2007  
*Full text link* <https://tinyurl.com/2s3schec>

**Article title:** Effects of Vacuum Packaging, Glazing, and Erythorbic Acid on the Shelf-Life of Frozen White Hake and Mackerel

**Authors:** E.E.M. Santos and J.M. Regenstein

**Publication title:** Journal of Food Science 55(1):64 - 70, August 2006  
*Full text available upon request to the author/s*

**Article title:** Isolation and characterisation of microsatellite loci in *Portunus pelagicus* (Crustacea: Portunidae)

**Authors:** E. S. Yap, E. Sezmis, J. A. Chaplin, I. C. Potter, P. B. S. Spencer

**Publication title:** Molecular Ecology Notes 2(1):30-32  
*Full text available upon request to the author/s*

**Article title:** The estuarine teleost, *Acanthopagrus butcheri* (Sparidae), shows low levels of polymorphism at five microsatellite loci

**Authors:** E. S. Yap, P. B. S. Spencer, J. A. Chaplin, I. C. Potter

**Publication title:** Molecular Ecology 9(12):2225-6, January 2001  
*Full text available upon request to the author/s*

**Article title:** Genetic (microsatellite) determination of the stock structure of the blue swimmer crab in Australia

**Authors:** J. Chaplin, E. S. Yap, E. Sezmis & I. C. Potter

**Publication title:** Fisheries Research and Development Corporation Report FRDC Project No. 98/118 , 2001  
*Full text link* <https://tinyurl.com/amad4fpb>

**Article title:** Evidence of Genetic Variation in the Sarcoplasmic Protein of *Nemipterus peronii* (Valenciennes)

**Authors:** Encarnacion Emilia Santos

**Publication title:** Fisheries Science 6(3):265-270, 1993

*Full text link <https://tinyurl.com/29cfascd>*



**Sex:** Male

**Field of Specialization**

Climate Change  
Climate Science  
Climate mitigation  
Agriculture  
Forestry and other land use  
Mitigation Actions  
Adaptation  
Projections

**Researches:**

**Article title:** Developing National Baseline GHG Emissions and Analysing Mitigation Potentials for Agriculture and Forestry Using an Advanced National GHG Inventory Software System

**Authors:** Stephen M. Ogle, Shannon Spencer, Melannie Hartman, Leandro Buendia, Luanne Stevens, Linde du Toit, Jongikhaya Witi

**Publication title:** Synthesis and Modeling of Greenhouse Gas Emissions and Carbon Storage in Agricultural and Forest Systems to Guide Mitigation and Adaptation, Volume 6, 2015

*Full text available upon request to the author/s*

**Article title:** Reducing Greenhouse Gas Emissions and Adapting Agricultural Management for Climate Change in Developing Countries: Providing the Basis for Action.

**Authors:** Stephen M. Ogle, Lydia Olander, Lini Wollenberg, Todd Rosenstock, Francesco Tubiello, Keith Paustian, Leandro Buendia, Alison Nihart, Pete Smith

**Publication title:** Global Change Biology, August 2013

*Full text link <https://tinyurl.com/ys5judyr>*

**Article title:** Advancing national greenhouse gas inventories for agriculture in developing countries: Improving activity data, emission factors and software technology

**Authors:** Stephen M Ogle, Leandro Buendia, Klaus Butterbach-Bahl, F Jay Breidt, Melannie Hartman, Kazuyuki Yagi, Rasack Nayamuth, Shannon Spencer, Tom Wirth and Pete Smith

**Publication title:** Environmental Research Letters 8(1):015030, March 2013

*Full text link <https://tinyurl.com/2s689baj>*

**Publication title:** Greenhouse Gas Emissions from European Croplands

**Authors:** Pete Smith, Per Ambus, María Cristina Amézquita, Olof Andrén, Dominique Arrouays, Bruce Ball, Pascal Boeckx, Claus Brünig, Nina Buchmann, Leandro Buendia, Pierre Cellier, Alexander Cernusca, John Clifton-Brown, Ulrich Dämmgen, Frank Ewert, Enzo Favoino, Jean-Louis Fiorelli, Chris Flechard, Annette Freibauer, Sylvie Hacala, Roland Harrison, Roland Hiederer, Ivan Janssens, Pierre-Alain Jayet, Jean-Pierre Jouany, Hermann Jungkunst, Thord Karlsson, Peter J. Kuikman, Marit Lagreid, Peter A. Leffelaar, Adrian Leip, Pierre Loiseau, Celia Milford, Albrecht Neftel, Oene Oenema, Stephen Ogle, Jørgen E. Olesen, Paula Perälä, Stelios Pasmajoglou, Søren O. Petersen, Kim Pilegaard, Antonio Raschi, Kristiina Regina, Mark Rounsevell, Sloan Saletes, René (L.M.) Schils, Bernard Seguin, Erminia Sezzi, Jean-François Soussana, Paolo Stefani, Pierre Stengel, André van Amstel, Oswald Van Cleemput, Bram van Putten, Bas van Wesemael, A. (Jan) Verhagen, Nicolas Viovy, Nicolas Vuichard, Hans-Joachim Weigel, Achim Weiske & Hans C. Willers

**Publication date:** March 2004

*Full text available upon request to the author/s*



**Sex:** Female

**Field of Specialization:**

Tobacco control  
Health promotion  
Healthy cities  
Reproductive health  
Family planning  
Strategic health communication

**Researches:**

**Article title:** Protecting children and families from tobacco and tobacco-related NCDs in the Western Pacific: Good practice examples from Malaysia, Philippines and Singapore

**Authors:** A. M. David, S. P. Mercado, J. D. Klein, M. s./o. K. Kaundan, H. N. Koong, E. Garcia

**Publication title:** Child Care Health and Development 43(5), May 2017

*Full text available upon request to the author/s*

**Article title:** Exposure to secondhand smoke among adults - Philippines, 2009

**Authors:** Marina M Baquilod, Agnes B. Segarra, Glen Barcenas, Susan P. Mercado, James Rarick, Krishna Mohan Palipudi, Samira Asma, Linda J. Andes, and Brandon Talley

**Publication title:** Global Health Promotion 23(2 Suppl), September 2013

*Full text link <https://tinyurl.com/4n8xt392>*

**Article title:** Building Tobacco Cessation Capacity in the U.S.-Affiliated Pacific Islands

**Authors:** Annette M. David, MD, MPH, Peter J. Cruz, BA, Susan P. Mercado, MD, MPH, and Dan Li, MD, MSc

**Publication title:** Health Promotion Practice 14(5 Suppl), April 2013

*Full text link <https://tinyurl.com/3xwk7pmm>*

**Article title:** Towards action on social determinants for health equity in urban settings

**Authors:** Tord Kjellstrom and Susan Mercado



**Publication title:** Environment and Urbanization 20(2):551-574, October 2008

*Full text available upon request to the author/s*

**Article title:** Achieving Health Equity in Urban Settings

**Authors:** Tord Kjellstrom, Susan Mercado, Mojgan Sami, Kristin Havemann, and Soichiro Iwao

**Publication title:** Journal of Urban Health 84(3 Suppl):1-6, June 2007

*Full text link <https://tinyurl.com/254pubu6>*

**Article title:** Urban Poverty: An Urgent Public Health Issue

**Authors:** Susan Mercado, Kirsten Havemann, Mojgan Sami, and Hiroshi Ueda

**Publication title:** Journal of Urban Health 84(3 Suppl): 7-15, June 2007

*Full text link <https://tinyurl.com/8bh927by>*

**Article title:** The Prevention and Control of HIV/AIDS, TB and Vector-borne Diseases in Informal Settlements: Challenges, Opportunities and Insights

**Authors:** Annette M. David, Susan P. Mercado, Daniel Becker, Katia Edmundo, and Frederick Mugisha

**Publication title:** Journal of Urban Health 84(3 Suppl):65-74, June 2007

*Full text link <https://tinyurl.com/3vf8z66z>*

**Article title:** Approaches to the prevention and control of HIV/AIDS, TB and vector-borne diseases in slums and informal settlements

**Authors:** Annette M. David, Susan P. Mercado, Daniel Becker, Katia Edmundo and Frederick Mugisha

**Publication title:** Knowledge Network on Urban Settings, WHO Centre For Health Development 2, 2008

*Full text link <https://tinyurl.com/mtbnz3x5>*

**REX VICTOR CRUZ***Climate Change*

**Sex:** Male

**Field of Specialization**

Climate change

Water quality

Natural Resource Management

Environment

Biodiversity

Plant Ecology

Ecosystem Ecology

Conservation

Sustainability

Environmental Impact Assessment

**Researches:**

**Article title:** Development of a Climate Responsiveness Framework for the Philippines' Environment and Natural Resources Management Sector

**Authors:** Florencia B. Pulhin, Ma. Criscia D. Alonte, Elenida R. Basug, Aldrin D.C. Bayangos, Rex Victor O. Cruz, Alfi Lorenz B. Cura, Maria Victoria O. Espaldon, Rodel D. Lasco, Marco D. Macapagal, Millicent Joyce Q. Pangilinan, Analiza Rebuelta-Teh, and Perpilli Vivienne A. Tiongson

**Publication title:** The Philippine journal of science 151(4):1523-1539, July 2022

*Full text link <https://tinyurl.com/2ejs5jmx>*

**Article title:** Using Rose' and Manning's Equations to Spatially Quantify Soil Erosion in Lagawe River Sub- Watershed, Ifugao, Philippines

**Authors:** Victorino A. Bato, Eduardo P. Paningbatan, Jr., Victor B. Ella, Antonio J. Alcantara, Rex Victor O. Cruz, Pearl B. Sanchez

**Publication title:** Journal of Environmental Science and Management 24(1):45-55, June 2021

*Full text link <https://tinyurl.com/yksundya>*

**Article title:** Climate change impacts and transformative adaptation strategies among farming households in the City of Koronadal, Philippines

**Authors:** Lorena L. Sabino, Juan M. Pulhin, Josefina T. Dizon, Rex Victor O. Cruz, Ma. Victoria O. Espaldon

**Publication title:** Climate, Disaster and Development Journal, 4(1):70–81, 2021

*Full text available upon request to the author/s*

**Article title:** Probable streamflow changes and its associated risk to the water resources of Abuan watershed, Philippines caused by climate change and land use changes

**Authors:** Arnan Araza, Maricon Perez, Rex Victor Cruz, Larlyn Faith Aggabao, Eugene Soyosa

**Publication title:** Stochastic Environmental Research and Risk Assessment 35(2):1-16, February 2021

*Full text link <https://tinyurl.com/2nuvh38c>*

**Article title:** Enhancing resilience through capacity building in LCCAP formulation in the local government of Aurora, Philippines

**Authors:** Juan M. Pulhina, Maricel A. Tapia-Villamayora, Catherine C. de Lunaa, Rex Victor O. Cruza, Aileen S. Periaa, Danesto B. Anaciob, Wilfredo M. Carandanga, Vida Q. Carandang, Rose Jane J. Perasa, Lorena L. Sabino, Dixon T. Gevaña, Liezl B. Grefaldaa, Florencia B. Pulhina, Josephine E. Garciaa, Tiburan Jra, Nico R. Almarines

**Publication title:** APN Science Bulletin 11(1), January 2021

*Full text link <https://tinyurl.com/3t9v4w5w>*

**Article title:** Climate Variability, Change and the Impacts on Livelihood Vulnerability of Farming Households in Koronadal, South Cotabato, Philippines

**Authors:** Lorena L. Sabino, Juan M. Pulhin, Josena T. Dizon, Ma. Victoria O. Espaldon, Rex Victor O. Cruz

**Publication title:** Journal of Environmental Science and Management, December 2020

*Full text link <https://tinyurl.com/33988err>*

**Article title:** Land Use/Land Cover Changes Assessment and Forest Fragmentation Analysis in the Baroro River Watershed, La Union, Philippines

**Authors:** Josephine O. Encisa-Garcia, Juan M. Pulhin, Rex Victor O. Cruz, Aileen C. Simondac-Peria, Mark Anthony M. Ramirez, Catherine C. De Luna

**Publication title:** Journal of Environmental Science and Management S1-2:14-27, 2020

*Full text link <https://tinyurl.com/3zywkwn7>*

**Article title:** Water Resources Systems of the Philippines: Modeling Studies

**Authors:** Rex Victor Cruz

**Publication title:** The Philippine journal of Science 149(2):471-473, June 2020

*Full text link <https://tinyurl.com/mrym52r2>*

**Article title:** The Economic Value of Calliandra calothyrsus in Watershed Rehabilitation in Manolo Fortich, Bukidnon, Philippines

**Authors:** Catherine C. de Luna, Margaret M. Calderon, Rex Victor O. Cruz, Enrique L. Tolentino, Jr., Wilfredo M. Carandang

**Publication title:** Journal of Environmental Science and Management S1-2:76-84, 2020

*Full text link <https://tinyurl.com/2b4evv4e>*

**Article title:** Landscape Fragmentation, Ecosystem Services and Local Knowledge in the Baroro River Watershed, Northern Philippines

**Authors:** Mark Anthony M. Ramirez, Juan M. Pulhin, Josephine E. Garcia, Maricel A. Tapia, Florencia B. Pulhin, Rex Victor O. Cruz, Catherine C. De Luna and Makoto Inoue

**Publication title:** Resources 8(4):164, October 2019

*Full text link <https://tinyurl.com/ynvd39xn>*

**Article title:** Conservation farming village (CFV) programme for protecting uplands and building resilient communities

**Authors:** Rex Victor O. Cruz, Wilfredo M. Carandang, Genevieve A. Galapia, Vida Q. Carandang and Catherine C. de Luna

**Publication title:** APN Science Bulletin 4, 2014

*Full text link <https://tinyurl.com/3p4u32vk>*

**Article title:** Landscape Pattern Impacts on the Population Density and Distribution of Black Shama (*Copsychus cebuensis* Steere) in Argao Watershed Reserve, Argao, Cebu, Philippines

**Authors:** Archiebald Baltazar B. Malaki, Rex Victor O. Cruz, Nathaniel C. Bantayan, Diomedes A. Racelis, Inocencio E. Buot Jr., and Leonardo M. Florece

**Publication title:** ISRN Biodiversity 2013(49), January 2013

*Full text link <https://tinyurl.com/48ptz9ey>*

**Article title:** Relationship of *Jatropha curcas* L. Growth Parameters with Soil and Microclimatic Factors in Varying Short Rotation-Based Agroforestry System

**Authors:** Rex O. Cruz

**Publication title:** Crop Protection Newsletter 37(3):75-87, December 2012

*Full text available upon request to the author/s*

**Article title:** Social and institutional dimensions of climate change adaptation

**Authors:** Linda M. Peñalba, Dulce D. Elazegui, Juan M. Pulhin, Rex Victor O. Cruz

**Publication title:** International Journal of Climate Change Strategies and Management 4(3):308-322, July 2012

*Full text available upon request to the author/s*

**Article title:** Pagsanjan-Lumban catchment, Philippines: Summary of biophysical characteristics of the catchment, background to site selection and instrumentation

**Authors:** R.V.O. Cruz, M. Pillas, H.C. Castillo, E.C. Hernandez

**Publication title:** Agricultural Water Management 106:3-7, April 2012

*Full text available upon request to the author/s*

**Article title:** Assessing climate change impacts, vulnerability and adaptation: The case of pantabangan-carranglan watershed

**Authors:** Rose Jane J. Peras, Juan M. Pulhin, Rodel D. Lasco, Rex Victor O. Cruz and Florencia B. Pulhin

**Publication title:** Journal of Environmental Science and Management 11(2):14-31, January 2012

*Full text link <https://tinyurl.com/2xz33rnd>*

**Article title:** Effects of controlled burning on soil erosion rates, survival and growth of Pinus kesiya and Alnus japonica in Itogon, Benguet Province, Philippines

**Authors:** Florece, L. M. ; Tolentino, E. L., Jr. ; Bantayan, N. C. ; Cruz, R. V. O. ; Castillo, A. S.

**Publication title:** Asia Life Sciences 20(2):491-502, July 2011

*Full text available upon request to the author/s*

**Article title:** Changes in indigenous land use system: From swidden to sedentary agriculture

**Authors:** Palao, Leo Kris M., Dressler, Wolfram H., Cruz, Rex Victor O., and Pulhin, Juan M.

**Publication title:** Asia Life Sciences 20(2), July 2011

*Full text available upon request to the author/s*

**Article title:** Changes in the forest landscape of Mt. Makiling Forest Reserve, Philippines

**Authors:** Marilyn S. Combalicer, Dongyeob Kima, Don Koo Lee, Edwin A. Combalicer, Rex Victor O. Cruz, and Sangjun Im

**Publication title:** Forest Science and Technology 7(2):60-67, June 2011

*Full text link <https://tinyurl.com/2dha287z>*

**Article title:** Land Cover Change in Cabayugan, Puerto Princesa Subterranean River National Park, Palawan, Philippines

**Authors:** Leo Kris M. Palao, Wolfram H. Dressler, Rex Victor O. Cruz, Juan M. Pulhin, Nathaniel C. Bantayan, Leonardo M. Florece

**Publication title:** Journal of Environmental Science and Management 13(2): 1-13, December 2010

*Full text link <https://tinyurl.com/2kmdc472>*

**Article title:** Assessing climate change impacts on water balance in the Mount Makiling forest, Philippines

**Authors:** E.A. Combalicer, R.V.O. Cruz, S. Lee and S.Im

**Publication title:** Journal of Earth System Science 119(3):265-283, June 2010

*Full text link <https://tinyurl.com/yck8tm7z>*

**Article title:** Modelling hydrologic processes distribution in a tropical forest watershed in the philippines

**Authors:** Combalicer, E. A. ; Cruz, R. V. O. ; Lee, S. H. ; Im, S.

**Publication title:** Journal of Tropical Forest Science 22(2):155-169, 2010

*Full text available upon request to the author/s*

**Article title:** Climate Variability and Extremes in the Pantabangan-Carranglan Watershed, Philippines: Assessment of Impacts and Adaptation Practices

**Authors:** Rose Jane J. Peras, Juan M. Pulhin, Rodel D. Lasco, Rex Victor O. Cruz and Florencia B. Pulhin

**Publication title:** Journal of Environmental Science and Management 11(2):14-31, January 2008

*Full text link <https://tinyurl.com/4bse7rye>*

**Article title:** Toward developing guidelines for forest restoration in the Philippines

**Authors:** Rex Victor O. Cruz , Lucrecio L. Rebugio , Don Koo Lee , Wilfredo M. Carandang , Enrique L. Tolentino Jr. , Nathaniel C. Bantayan & Rosario B. Bantayan

**Publication title:** Forest Science and Technology 3(1), June 2007

*Full text available upon request to the author/s*

**Article title:** Carbon stocks assessment of a selectively logged Dipterocarp forest and wood processing mill in the Philippines

**Authors:** R. D. Lasco, K. G. MacDicken, F. B. Pulhin, I. Q. Guillermo, R. F. Sales & R. V. O.Cruz

**Publication title:** Journal of the Tropical Forest Science 18(166):166-172, October 2006

*Full text link <https://tinyurl.com/mu4tryrp>*

**Publication title:** Assessing Climate Change Impacts, Vulnerability and Adaptation: The Case of Pantabangan-Carranglan Watershed

**Authors:** Rodel D. Lasco, Rex Victor O. Cruz, Juan M. Pulhin, Florencia B. Pulhin

**Publication title:** World Agroforestry Centre College of Forestry and Natural Resources, University of the Philippines Los Baños Philippines, 2010

*Full text link <https://tinyurl.com/mrxyyzdu>*

**Article title:** Forest Law Enforcement & Governance: The role of independent monitors in the control of forest crime

**Authors:** David Brown & Cecilia Luttrell with Anne Casson, Rex Cruz and Tim Fometé

**Publication title:** Forestry Briefing 5, 2024

*Full text link <https://tinyurl.com/yuvyrpka>*

**Article title:** Assessment of the hydrological impacts of El Niño and La Niña on selected watersheds in the Philippines

**Authors:** R. V.O. Cruz, M. M.A. Cuevas, S. R. Saplaco, R. D. Lasco, F. B. Pulhin, N. A. Cruz

**Publication title:** Philippine Agricultural Scientist 86(2):158-171, June 2003

*Full text available upon request to the author/s*

**Article title:** Carbon stock assessment of two agroforestry systems in a tropical forest reserve in the Philippines

**Authors:** R. D. Lasco, R. F. Sales, R. Estrella, S. R. Saplaco, A. S.A. Castillo, R. V.O. Cruz, F. B. Pulhin

**Publication title:** Philippine Agricultural Scientist 84(4):401-407, December 2001

*Full text link <https://tinyurl.com/2p9dxpt4>*

**Article title:** Integrated land-use planning and sustainable watershed management

**Authors:** Rex Victor O.Cruz

**Publication title:** Journal of Philippine Development 47(26), 1999

*Full text link <https://tinyurl.com/m6viewj7>*

**Article title:** Review of Multisectoral Forest Protection Committees in the Philippines

**Authors:** Rex Victor O. Cruz and Maricel A. Tapia

**Publication title:** Forestry Briefing 6, February 2005

*Full text link <https://tinyurl.com/ykv75nke>*

**Article title:** Development and Validation of Methods for Measurements of Sediment Transfer Across Fields in a Watershed (Phase 1 of Watershed Function Analysis)

**Authors:** Eduardo P Paningbatan, Rex O. Cruz, Nathaniel C Bantayan, Manuel L Marquez, Melchor Cuizon

**Publication title:** Southeast Asia Policy Research Working Paper, No. 12

*Full text link <https://tinyurl.com/4mw5r4pv>*

**DR. MARIA LOURDES D. PALOMARES***Marine Biology***Sex:** Female**Field of Specialization:**

Ecology

Marine Biology

Oceanography

Biodiversity

Natural History

Food Consumption Patterns

**Researches:**

**Article title:** Scientific knowledge gaps on the biology of non-fish marine species across European Seas

**Authors:** Luisa R. Abucay, Patricia Sorongon-Yap, Kathleen Kesner-Reyes, Emily C. Capuli, Rodolfo B. Reyes Jr., Eva Daskalaki Carmen Ferrà, Giuseppe Scarcella, Gianpaolo Coro, Francesc Ordines, Paula Sánchez-Zulueta, Georgi Dakalov, Stefania Klayn, Liesa Celie, Marco Scotti, David Grémillet, Charlotte Lambert, Gideon Gal, Maria Lourdes D. Palomares, Donna Dimarchopoulou, Athanassios C. Tsikliras

**Publication title:** Frontiers in Marine Science 10, October 2023

*Full text link* <https://tinyurl.com/y8zm467h>

**Article title:** Marine heatwaves are not a dominant driver of change in demersal fishes

**Authors:** Alexa L. Fredston, William W. L. Cheung, Thomas L. Frölicher, Zoë J. Kitchel, Aurore A. Maureaud, James T. Thorson, Arnaud Auber, Bastien Mérigot, Juliano Palacios-Abrantes, Maria Lourdes D. Palomares, Laurène Pecuchet, Nancy L. Shackell & Malin L. Pinsky

**Publication title:** Alexa L. Fredston, William W. L. Cheung, Thomas L. Frölicher, Zoë J. Kitchel, Aurore A. Maureaud, James T. Thorson, Arnaud Auber, Bastien Mérigot, Juliano Palacios-Abrantes, Maria Lourdes D. Palomares, Laurène Pecuchet, Nancy L. Shackell & Malin L. Pinsky

*Full text link* <https://tinyurl.com/2s4uwjsa>



**Article title:** How overfishing handicaps resilience of marine resources under climate change

**Authors:** U. Rashid Sumaila, Charlotte de Fontaubert, Maria Lourdes D. Palomares

**Publication title:** Frontiers in Marine Science 10, August 2023

*Full text link <https://tinyurl.com/y63hx5wd>*

**Article title:** Know your fish – venturing further with the FishBase Guide app

**Authors:** Nauen C.E., Rius-Barile J., Palomares M.L.D.

**Publication title:** Cybium: International Journal of Ichthyology

*Full text available upon request to the author/s*

**Article title:** Fishing effort and the evolving nature of its efficiency

**Authors:** Nazli Demirel, Cornelia E. Nauen, Maria Lourdes D. Palomares

**Publication title:** Frontiers in Marine Science 10, April 2023

*Full text link <https://tinyurl.com/yh32namw>*

**Authors:** Mapping the unjust global distribution of harmful fisheries subsidies

**Publication title:** Daniel J. Skerritt, Anna Schuhbauer, Sebastian Villasante, Andrés M.

Cisneros-Montemayor, Nathan J. Bennett, Tabitha G. Mallory, Vicky W.L. Lam, Robert I. Arthur, William W.L. Cheung, Louise S.L. Teh, Katina Roumbidakis, Maria L.D. Palomares, U. Rashid Sumaila

*Full text link <https://tinyurl.com/mr3wff44>*

**Article title:** Identifying direct and indirect associations among traits by merging phylogenetic comparative methods and structural equation models

**Authors:** James T. Thorson, Aurore A. Maureaud, Romain Frelat, Bastien Mérigot, Jennifer S. Bigman, Sarah T. Friedman, Maria Lourdes D. Palomares, Malin L. Pinsky, Samantha A. Price, Peter Wainwright

**Publication title:** Methods in Ecology and Evolution 14(3), March 2023

*Full text link <https://tinyurl.com/3zxvz4ac>*

**Article title:** Half a century of rising extinction risk of coral reef sharks and rays

**Authors:** C. Samantha Sherman, Colin A. Simpfendorfer, Nathan Pacoureau, Jay H.

Matsushiba, Helen F. Yan, Rachel H. L. Walls, Cassandra L. Rigby, Wade J. VanderWright, Rima W. Jabado, Riley A. Pollom, John K. Carlson, Patricia Charvet, Ahmad Bin Ali, Fahmi, Jessica Cheok, Danielle H. Derrick, Katelyn B. Herman, Brittany Finucci, Tyler D. Eddy, Maria Lourdes D. Palomares, Christopher G. Avalos-Castillo, Bineesh Kinattumkara, María-del-Pilar Blanco-Parra, Dharmadi, Nicholas K. Dulvy

**Publication title:** Nature Communications 14(15), January 2023

*Full text link <https://tinyurl.com/4pv84c65>*

**Article title:** Sustainable development goal 14: To what degree have we achieved the 2020 targets for our oceans?

**Authors:** M. Andriamahefazafy, G. Touron-Gardic, A. March, G. Hosch, M.L.D. Palomares, P. Failler

**Publication title:** Ocean & Coastal Management 227(7):106273, August 2022

*Full text available upon request to the author/s*

**Article title:** Rebuilding fish biomass for the world's marine ecoregions under climate change

**Authors:** William W. L. Cheung, Juliano Palacios-Abrantes, Thomas L. Frölicher, Maria Lourdes Palomares, Tayler Clarke, Vicky W. Y. Lam, Muhammed A. Oyinola, Daniel Pauly, Gabriel Reygondeau, U. Rashid Sumaila, Lydia C. L. Teh, Colette C. C. Wabnitz

**Publication title:** Global Change Biology 28(2) August 2022

*Full text available upon request to the author/s*

**Article title:** Global Fisheries Science Documents Human Impacts on Oceans: The Sea Around Us Serves Civil Society in the Twenty-First Century

**Authors:** Dirk Zeller, Maria L.D. Palomares, and Daniel Pauly

**Publication title:** Annual Review of Marine Science 15(1), June 2022

*Full text available upon request to the author/s*

**Article title:** The interrelationship of temperature, growth parameters, and activity level in fishes

**Authors:** Maria L. D. Palomares, Vina A. Parducho, Rodolfo Reyes & Nicolas Bailly

**Publication title:** Environmental Biology of Fishes 105(1)

*Full text available upon request to the author/s*

**Article title:** Response: Commentary: Stock Status Assessments for 12 Exploited Fishery Species in the Tsushima Warm Current Region, Southwest Japan and East China, Using the CMSY and BSM Methods

**Authors:** Yuanchao Wang Cui, Liang, Weiwei Xian, Maria Lourdes Palomares

**Publication title:** Frontiers in Marine Science 9:1-4, February 2022

*Full text link <https://tinyurl.com/yckdp624>*

**Article title:** Safeguarding Seafood Security, Marine Biodiversity and Threatened Species: Can We Have Our Fish and Eat It too?

**Authors:** Tamlin Jefferson, Maria L. D. Palomares, Carolyn J. Lundquist

**Publication title:** Frontiers in Marine Science 9, February 2022

*Full text link <https://tinyurl.com/sdrvsumn>*

**Article title:** The Biology of Mesopelagic Fishes and Their Catches (1950–2018) by Commercial and Experimental Fisheries

**Authors:** Daniel Pauly, Chiara Piroddi, Lincoln Hood, Nicolas Bailly, Elaine Chu, Vicky Lam, Evgeny A. Pakhomov, Leonid K. Pshenichnov, Vladimir I. Radchenko and Maria Lourdes D. Palomares

**Publication title:** Journal of Marine Science and Engineering 9(10):1057, September 2021

*Full text link <https://tinyurl.com/mrnt6fsf>*

**Article title:** Global decline in capacity of coral reefs to provide ecosystem services

**Authors:** Tyler D. Eddy, Vicky W.Y. Lam, Gabriel Reygondeau, Andrés M. Cisneros-Montemayor, Krista Greer, Maria Lourdes D. Palomares, John F. Bruno, Yoshitaka Ota, William W.L. Cheung

**Publication title:** One Earth 4(1278-1285), September 2021

*Full text link <https://tinyurl.com/57t24yzt>*

**Article title:** Comparing the Performance of Four Very Large Marine Protected Areas with Different Levels of Protection

**Authors:** Veronica Relano, Maria Lourdes Deng Palomares and Daniel Pauly

**Publication title:** Sustainability 13(17):9572, August 2021

*Full text link <https://tinyurl.com/4kwxvhf5>*

**Article title:** Fishing Effort and Associated Catch per Unit Effort for Small-Scale Fisheries in the Mozambique Channel Region: 1950–2016

**Authors:** Dirk Zeller, Gabriel M. S. Vianna, Matthew Ansell, Angie Coulter, Brittany Derrick, Krista Greer, Simon-Luc Noël, Maria L. Deng Palomares, Audrey Zhu, Daniel Pauly,

**Publication title:** Frontiers in Marine Science 8:707999, August 2021

*Full text link <https://tinyurl.com/bdhnzdjn>*

**Article title:** Global Inland Capture and Culture Finfisheries Follow Different Trends When Evaluated by the Human Development Index

**Authors:** Peter W. Sorensen and Maria Lourdes D. Palomares

**Publication title:** Sustainability 13(15):8420, July 2021

*Full text link <https://tinyurl.com/yxm4f28r>*

**Article title:** Assessing the Potential of Catch-Only Models to Inform on the State of Global Fisheries and the UN's SDGs

**Authors:** Rishi Sharma, Henning Winker, Polina Levontin, Laurence Kell, Dan Ovando, Maria L. D. Palomares, Cecilia Pinto, and Yimin Ye

**Publication title:** Sustainability 13(11), May 2021

*Full text link <https://tinyurl.com/467cz7jc>*

**Article title:** Stock Status Assessments for 12 Exploited Fishery Species in the Tsushima Warm Current Region, Southwest Japan and East China, Using the CMSY and BSM Methods

**Authors:** Yuanchao Wang, Cui Liang, Yibang Wang, Weiwei Xian, Maria Lourdes Palomares

**Publication title:** Frontiers in Marine Science 7, August 2020

*Full text link <https://tinyurl.com/yyeha2p8>*

**Article title:** Input versus output controls as instruments for fisheries management with a focus on Mediterranean fisheries

**Authors:** Jose M. Bellido, U. Rashid Sumaila, Jose Luis Sánchez-Lizaso, Maria Lourdes Palomares, Daniel Pauly

**Publication title:** Marine Policy 118(4):103786, August 2020

*Full text available upon request to the author/s*

**Article title:** Estimating Global Catches of Marine Recreational Fisheries

**Authors:** Kátia Meirelles Felizola Freire, Dyhia Belhabib, Jeniffer C. Espedido, Lincoln Hood, Kristin M. Kleisner, Vicky W. L. Lam, Michel L. Machado, Jocemar Tomasino Mendonça, Jessica J. Meeuwig, Pietro S. Moro, Fábio S. Motta, Maria-Lourdes D. Palomares, Nicola Smith, Lydia Teh, Dirk Zeller, Kyrstn Zylich, Daniel Pauly

**Publication title:** Frontiers in Marine Science 7

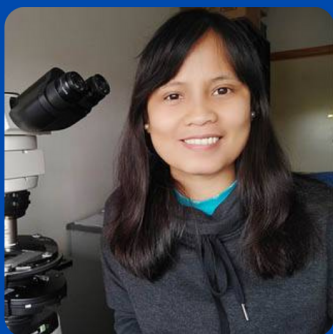
*Full text link <https://tinyurl.com/a2v2x564>*

**Article title:** Estimating stock status from relative abundance and resilience

**Authors:** Rainer Froese, Henning Winker, Gianpaolo Coro, Nazli Demirel, Athanassios C. Tsikliras, Donna Dimarchopoulou, Giuseppe Scarcella, Maria Lourdes Deng Palomares, Manuel Dureuil, and Daniel Pauly

**Publication title:** ICES Journal of Marine Science, December 2019

*Full text link <https://tinyurl.com/4mhvm7b8>*

**DR. DEBORAH TANGUNAN***Marine Science***Sex:** Female**Field of Specialization:**

Biogeochemistry  
Micropaleontology  
Cocolithophores  
Nannofossils  
Foraminifera  
Paleoclimatology  
Climate Reconstruction  
Paleoceanography  
Biostratigraphy  
Sedimentology  
Marine Geology

**Researches:**

**Article title:** Orbital Forcing and Evolution of the Southern African Monsoon From Late Miocene to Early Pliocene

**Authors:** Allana Queiroz de Azevedo, Francisco J. Jiménez-Espejo, Francesca Bulian, Francisco J. Sierro, Deborah Tangunan, Yasuhiro Takashimizu, Ana Luiza S. Albuquerque, Kaoru Kubota, Carlota Escutia, Richard D. Norris, Sidney R. Hemming, and Ian R. Hall

**Publication title:** Paleoceanography and Paleoclimatology 38(9) August 2023

*Full text link <https://tinyurl.com/48ydxcd>*

**Article title:** Climate Evolution Through the Onset and Intensification of Northern Hemisphere Glaciation

**Authors:** E. L. McClymont, S. L. Ho, H. L. Ford, I. Bailey, M. A. Berke, C. T. Bolton, S. De Schepper, G. R. Grant, J. Groeneveld, G. N. Inglis, C. Karas, M. O. Patterson, G. E. A. Swann, K. Thirumalai, S. M. White, M. Alonso-Garcia, P. Anand, B. A. A. Hoogakker, K. Littler, B. F. Petrick, B. Risebrobakken, J. T. Abell, A. J. Crocker, F. de Graaf, S. J. Feakins, J. C. Hargreaves, C. L. Jones, M. Markowska, A. S. Ratnayake, C. Stepanek, D. Tangunan

**Publication title:** Reviews of Geophysics 61(3), July 2023

*Full text link <https://tinyurl.com/2zfn2chd>*

**Article title:** Persistent influence of precession on northern ice sheet variability since the early Pleistocene

**Authors:** Stephen Barker, Aidan Starr, Jeroen van der Lubbe, Alice Doughty, Deborah Tangunan

**Publication title:** Reviews of Geophysics 61(3), July 2023

*Full text link <https://tinyurl.com/2zfn2chd>*

**Article title:** Strong glacial-interglacial variability in upper ocean hydrodynamics, biogeochemistry, and productivity in the southern Indian Ocean Expedition 361 Science Party\*

**Authors:** Deborah Tangunan, Melissa A. Berke, Alejandra Cartagena-Sierra, José Abel Flores, Jens Gruetzner, Francisco Jiménez-Espejo, Leah J. LeVay, Karl-Heinz Baumann, Oscar Romero, Mariem Saavedra-Pellitero, Jason J. Coenen, Aidan Starr, Sidney R. Hemming, Ian R. Hall & Expedition 361 Science Party

**Publication title:** Communications Earth & Environment 2(1):1234567890, May 2021

*Full text link <https://tinyurl.com/4ewp4f85>*

**Article title:** Variations in coccolithophore productivity off South Africa over the last 500 kyr

**Authors:** Deborah Tangunan, Karl-Heinz Baumann, Christina Fink

**Publication title:** Marine Micropaleontology 160, 2020

*Full text available upon request to the author/s*

**Article title:** Rheology and Biostratigraphy of the Mariana Serpentine Muds Unravel Mud Volcano Evolution

**Authors:** Walter Menapace, Deborah Tangunan, Michael Maas, Trevor Williams, Achim Kopf

**Publication title:** Journal of Geophysical Research: Solid Earth 124(11), November 2019

*Full text link <https://tinyurl.com/y7yf7avh>*

**Article title:** The last 1 million years of the extinct genus Discoaster : Plio–Pleistocene environment and productivity at Site U1476 (Mozambique Channel)

**Authors:** Deborah N. Tangunan, Karl-Heinz Baumann, Janna Just, Leah J. LeVay, Stephen Barker, Luna Brentegani, David De Vleeschouwer, Ian R. Hall, Sidney Hemming, Richard Norris, the Expedition 361 Shipboard Scientific Party

**Publication title:** Palaeogeography Palaeoclimatology Palaeoecology 505(2):187-197, September 2018

*Full text available upon request to the author/s*

**Article title:** Late Pleistocene to Holocene productivity changes in the western equatorial Pacific (Sulu Sea, Philippines) from calcareous nannofossils

**Authors:** Deborah N. Tangunan and Alyssa M. Peleo-Alampay

**Publication title:** Marine Micropaleontology 143:1-11, September 2018

*Full text available upon request to the author/s*

**Article title:** Insolation forcing of coccolithophore productivity in the western tropical Indian Ocean over the last two glacial-interglacial cycles

**Authors:** Deborah Tangunan, Karl-Heinz Baumann, Jürgen Pätzold, Rüdiger Henrich, Michal Kucera, Ricardo De Pol-Holz, Jeroen Groeneveld

**Publication title:** Paleocceanography and Paleoclimatology 32(7), June 2017

*Full text link <https://tinyurl.com/yy7aj5mv>*

**Article title:** Post-Collision Deposition of Balanga Formation in northwest Mindoro, Philippines: Calcareous Nannofossil Evidence

**Authors:** Deborah N. Tangunan, Alyssa M. Peleo-Alampay, Jamila B. Abuda, Lara Angeli T. Mambuay, Camille Regina A. Ramos, Allan Gil S. Fernando, Carla B. Dimalanta, Decibel V. Faustino-Eslava, Chelo S. Pascua, and Edmundo P. Vargas

**Publication title:** Stratigraphy 11(3-4):235-243, January 2014

*Full text link <https://tinyurl.com/47v7y96r>*

**Article title:** Occurrence of Cretaceous Calcareous Nannofossils from Codon Formation, Catanduanes, Philippines

**Authors:** Deborah Tangunan, Allan Gil Salazar Fernando, Carlo Arcilla

**Publication title:** Journal of the Geological Society of the Philippines, January 2013

*Full text link <https://tinyurl.com/bdz236zf>*

**DR. GLENN SUERTE FELIPE BANAGUAS***Disaster Risk Reduction*

**Sex:** Male

**Field of Specialization**

Climate Change

Disaster Reduction

Risk Assessment

Mitigation and Adaptation

**Researches:**

**Article title:** Modelling climate change risks for food security in the Philippines

**Authors:** Julien L. Carandang, Glenn S. Banaguas, Mary Jane C. Flores, Jose Santos R. Carandang VI

**Publication title:** International Journal of Climate Change Strategies and Management 7(4): 499-515, 2015

*Full text link* <https://tinyurl.com/4svepwsp>

**Article title:** Creating Climate-Disaster Resiliency on the Indigenous People, “Tagbanuas”, in Coron, Palawan

**Authors:** Aldrin Victor Bernardo, Alyana Zen Rodriguez, Victor Angelo Fuentebella, Angel Lee, Ralph Laurence Gulfo, Joyce Maghacot, and Glenn Banaguas

**Publication title:** Environmental and Climate Change Research Institute, 2014

*Full text link* <https://tinyurl.com/mrydj7s9>

**Article title:** Climate Risk Analysis on the Food Security in Saguday, Quirino Province

**Authors:** Jose Santos R. Carandang and Glenn S. Banaguas

**Publication title:** Policy Brief: AKI Research Grant on Food Studies 8(2), 2014

*Full text link* <https://tinyurl.com/mvksejv7>

**Article title:** The Impacts of Sustainable Low Carbon Transport Academic Community



**Authors:** Glenn Banaguas, Rossana Lacad, Patrick Dalmacio, Analiza Pangilinan, Keeshia Cuesta, Nicholo Francisco

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** The Impacts of Livestock Carbon Footprint Mitigation and Adaptation in Salikneta, San Jose Del Monte, Bulacan

**Authors:** Glenn Banaguas and Dane Agatha Lorica

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** The Impacts of Climate Change on the Indigenous People: DUMAGATS

**Authors:** Glenn Banaguas, Abigail Salva, Catherine Santos, Trisha Kaye Santos, Sherome Estrella, Zendrick Zean Sioson, Glenn Nuestro, Kevin Lobrio

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** The Development of Modified Alkali Catalyzed Transesterification Reactor for Low Carbon Economy

**Authors:** Glenn Banaguas, Alex Chua, Jeric Anthony Baccay, Darren Uy, Ivor Diamzon, Vaughn Colette Aranillo

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** Low Carbon Diet Solid Waste Stratagem

**Authors:** Glenn Banaguas and Ma. Regina Magtaan

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** Low Carbon Building: A Greener Future

**Authors:** G Banaguas, M Cabrera, S Villar, J Zerrudo

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** University-Based Disaster Risk Management (UBDRM) for De La Salle Araneta University

**Authors:** Abigail Salva and Glenn S Banaguas

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012  
*Full text available upon request to the author/s*

**Article title:** The Impacts of Climate Change on the Indigenous People: DUMAGATS

**Authors:** Abigail Salva, Glenn S Banaguas, Catherine Santos, Trisha Santos, Kevin Lobrio, Sherome Estrella, Zendrik Zean Sioson, Glenn Nuestro

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(2), 2012

*Full text available upon request to the author/s*

**Article title:** Community-Based Disaster Risk Management (CBDRM): An Elucidation to the Climate Variability On Coastal Communities

**Authors:** Abigail Salva and Glenn Banaguas

**Publication title:** Lagumlalang: A Refereed Journal of Interdisciplinary Synthesis 1(1), 2011

*Full text available upon request to the author/s*

**DR. FAYE ABIGAIL T. CRUZ***Climate Change*

**Sex:** Female

**Field of Specialization:**

Atmosphere

Climate

Climate Modeling

Precipitation

Regional Climate Modeling

**Researches:**

**Article title:** Observed characteristics and seasonality of the diurnal patterns of precipitation over Metro Manila, Philippines

**Authors:** Lyndon Mark P. Olaguera, Alyssa Gewell A.Llorin, Angela Monina T. Magnaye, Faye Abigail T.Cruz, Jose Ramon T. Villarin, Xzann Garry Vincent M.Topacio

**Publication title:** Theoretical and Applied Climatology, October 2023

*Full text available upon request to the author/s*

**Article title:** Process-based analysis of the impacts of sea surface temperature on climate in CORDEX-SEA simulations

**Authors:** Angela Monina T. Magnaye, Larry Ger B.Aragon, Julie Mae B. Dado, Faye T. Cruz, Lyndon Mark P. Olaguera, Gemma T. Narisma, Fredolin Tangang, Liew Juneng, Thanh Ngo-Duc, Tan Phan-Van, Jerasorn Santisirisomboon, Patama Singhruck, Dodo Gunawan, Edwin Aldrian, Ardhasena Sopaheluwakan

**Publication title:** Climate Dynamics 61(9-10), May 2023

*Full text available upon request to the author/s*

**Article title:** Complexities of Extreme Rainfall in the Philippines

**Authors:** Lyndon Mark P. Olaguera, Faye Abigail T. Cruz, Julie Mae B. Dado & Jose Ramon T. Villarin

**Publication title:** Extreme Natural Events, October 2022

*Full text link <https://tinyurl.com/yrvb834c>*

**Article title:** CORDEX Southeast Asia: Providing Regional Climate Change Information for Enabling Adaptation

**Authors:** Fredolin Tangang, Jing Xiang Chung, Faye Cruz, Supari, Jerasorn Santisirisomboon, Thanh Ngo-Duc, Liew Juneng, Ester Salimun, Gemma Narisma, Julie Dado, Tan Phan-Van, Mohd Syazwan Faisal Mohd, Patama Singhruck, John L. McGregor, Edwin Aldrian, Dodo Gunawan & Ardhasena Spaheluwakan

**Publication title:** Extreme Natural Events October 2022

*Full text available upon request to the author/s*

**Article title:** Projected mean and extreme precipitation based on bias-corrected simulation outputs of CORDEX Southeast Asia

**Authors:** Sheau Tieh Ngai, Liew Juneng, Fredolin Tangang, Jing Xiang Chung, Supari Supari, Ester Salimun, Faye Cruz, Thanh Ngo-Duc, Tan Phan-Van, Jerasorn Santisirisomboon, Dodo Gunawan

**Publication title:** Weather and Climate Extremes 37, September 2022

*Full text available upon request to the author/s*

**Article title:** Impacts of planetary boundary layer parameterization in RegCM4.7 on the intensity and structure of simulated tropical cyclones over the Philippines

**Authors:** Ma.Cathrene Lagare, Rochelle Coronel, FayeCruz, Gemma Teresa Narisma, Marcelino Villafuerte II, Jennifer Tibay

**Publication title:** Climate Dynamics 59(3), March 2022

*Full text available upon request to the author/s*

**Article title:** Projected Mean and Extreme Precipitation Based on Bias-Corrected Simulation Outputs of Cordex Southeast Asia

**Authors:** Sheau Tieh Ngai, Liew Juneng, Fredolin Tangang, Jing Xiang Chung, Supari, Ester Salimun, Faye Cruz, Thanh Ngo-Duc, Tan Phan-Van, Jerasorn Santisirisomboon, Dodo Gunawan

**Publication title:** SSRN Electronic Journal, January 2022

*Full text available upon request to the author/s*

**Article title:** Potential Influence of Sea Surface Temperature Representation in Climate Model Simulations over CORDEX-SEA Domain

**Authors:** Angela Monina T. Magnaye, Gemma T. Narisma, Faye T. Cruz, Julie Mae B. Dado, Fredolin Tangang, Liew Juneng, Thanh Ngo-Duc, Tan Phan-Van, Jerasorn Santisirisomboon, Patama Singhruck, Dodo Gunawan, Edwin Aldrian

**Publication title:** International Journal of Climatology 42(10), November 2021

*Full text available upon request to the author/s*

**Article title:** Progress in Climate Change Downscaling Simulations in Southeast Asia

**Authors:** Fredolin Tangang, Jing Xiang Chung, Supari, Sheau Tieh Ngai, Ester Salimun, Faye Cruz, Gemma Narisma, Thanh Ngo-Duc, Jerasorn Santisirisomboon, Liew Juneng, Ardhasena Sopaheluwakan, Mohd Fadzil Akhir & Mohd Syazwan Faisal Mohd

**Publication title:** Climate Resilience and Environmental Sustainability Approaches, September 2021

*Full text available upon request to the author/s*

**Article title:** Projected evolution of drought characteristics in Vietnam based on CORDEX-SEA downscaled CMIP5 data

**Authors:** Phuong Nguyen-Ngoc-Bich, Tan Phan-Van, Thanh Ngo-Duc, Tue Vu-Minh, Long Trinh-Tuan, Fredolin T. Tangang, Liew Juneng, Faye Cruz, Jerasorn Santisirisomboon, Gemma Narisma, Edwin Aldrian

**Publication title:** International Journal of Climatology 41(8)

*Full text available upon request to the author/s*

**Article title:** Seasonal and diurnal variations of observed convective rain events in Metro Manila, Philippines

**Authors:** Erica N. Bañares, Gemma Teresa T. Narisma, James Bernard B. Simpas, Faye T. Cruz, Genevieve Rose H. Lorenzo, Maria Obiminda L. Cambaliza, Rochelle C. Coronel

**Publication title:** Atmospheric Research, 258 August 2021

*Full text available upon request to the author/s*

**Article title:** Sensitivity of tropical cyclones to convective parameterization schemes in RegCM4

**Authors:** Marcelino Q. Villafuertell, John Carlo R. Lambrento, Kevin I. Hodges, Faye T. Cruz, Thelma A. Cinco, Gemma T. Narisma

**Publication title:** Climate Dynamics 56(4):1-18, March 2021

*Full text available upon request to the author/s*

**Article title:** Climatological characterization of tropical cyclones detected in the regional climate simulations over the CORDEX-SEA domain

**Authors:** Jennifer Tibay, Faye Cruz, Fredolin Tangang, Liew Juneng, Thanh Ngo-Duc, Tan Phan-Van, Jerasorn Santisirisomboon, Patama Singhruck, Dodo Gunawan, Edwin Aldrian, Gemma Teresa Narisma

**Publication title:** International Journal of Climatology 41(2), February 2021

*Full text available upon request to the author/s*

**Article title:** Time of emergence of climate signals over Vietnam detected from the CORDEX-SEA experiments

**Authors:** Huong Nguyen-Thuy, Thanh Ngo-Duc, Long Trinh-Tuan, Fredolin Tangang, Faye Cruz, Tan Phan-Van, Liew Juneng, Gemma Narisma, Jerasorn Santisirisomboon

**Publication title:** International Journal of Climatology 41(6), November 2020

*Full text available upon request to the author/s*

**Article title:** Projected future changes in rainfall in Southeast Asia based on CORDEX–SEA multi-model simulations

**Authors:** Fredolin Tangang, Jing Xiang Chung, Liew Juneng, Supari, Ester Salimun, Sheau Tieh Ngai, Ahmad Fairudz Jamaluddin, Mohd Syazwan Faisal Mohd, Faye Cruz, Gemma Narisma, Jerasorn Santisirisomboon, Thanh Ngo-Duc, Phan Van Tan, Patama Singhruck, Dodo Gunawan, Edwin Aldrian, Ardhasena Sopaheluwakan, Nikulin Grigory, Armelle Reca C. Remedio, Dmitry V. Sein, David Hein-Griggs, John L. McGregor, Hongwei Yang, Hidetaka Sasaki & Pankaj Kumar

**Publication title:** Climate Dynamics 55(2), September 2020

*Full text link <https://tinyurl.com/yzu62k95>*

**Article title:** Climate analog and future appearance of novel climate in Southeast Asia

**Authors:** Tuyet Nguyen-Thi, Thanh Ngo-Duc, Fredolin T. Tangang, Faye Cruz, Liew Juneng, Jerasorn Santisirisomboon, Edwin Aldrian, Tan Phan-Van, Gemma Narisma

**Publication title:** International Journal of Climatology 41(3), June 2020

*Full text available upon request to the author/s*

**Article title:** Validation of Satellite and Ground Station-based High-Resolution Rainfall Gridded Datasets over the Philippines

**Authors:** J. C. Albert C. Peralta, Gemma Teresa T. Narisma, and Faye Abigail T. Cruz

**Publication title:** Journal of Hydrometeorology 21(7), May 2020

*Full text link <https://tinyurl.com/zhh22c5n>*

**Article title:** Multi-model projections of precipitation extremes in Southeast Asia based on CORDEX-Southeast Asia simulations

**Authors:** Supari, Fredolin Tangang, Liew Juneng, Faye Cruz, Jing Xiang Chung, Sheau Tieh Ngai, Ester Salimun, Mohd Syazwan Faisal Mohd, Jerasorn Santisirisomboon, Patama Singhruck, Tan PhanVan, Thanh Ngo-Duc, Gemma Narisma, Edwin Aldrian, Dodo Gunawan, Ardhasena Sopaheluwakan

**Publication title:** Environmental Research 184(1):109350, March 2020

*Full text available upon request to the author/s*

**Article title:** Projected future changes in mean precipitation over Thailand based on multi-model regional climate simulations of CORDEX Southeast Asia

**Authors:** Fredolin Tangang, Jerasorn Santisirisomboon, Liew Juneng, Ester Salimun, Jingxiang Chung, Supari Supari, Faye Cruz, Sheau Tieh Ngai, Thanh Ngo-Duc, Patama Singhruck, Gemma Narisma, Jaruthat Santisirisomboon, Waranyu Wongsaree, Kamphol Promjirapawat, Yod Sukamongkol, Ratchanan Srisawadwong, Damrongrit Setsirichok, Tan Phan-Van, Edwin Aldrian, Dodo Gunawan, Grigory Nikulin, Hongwei Yang

**Publication title:** International Journal of Climatology 39(14), May 2019

*Full text available upon request to the author/s*

**Article title:** Application of Quantile Mapping Bias Correction for Mid-Future Precipitation Projections over Vietnam

**Authors:** Long Trinh-Tuan, Jun Matsumoto, Fredolin T. Tangang, Liew Juneng, Faye Cruz, Gemma Narisma, Jerasorn Santisirisomboon, Tan Phan-Van, Dodo Gunawan, Edwin Aldrian, Thanh Ngo-Duc

**Publication title:** SOLA 15, January 2019

*Full text link <https://tinyurl.com/2zj96xss>*

**Article title:** Drought and Urbanization: The Case of the Philippines: Methods, Approaches and Practices

**Authors:** Emma Porio, Jessica Dator-Bercilla, Gemma Narisma, Faye Cruz & Antonia Yulo-Loyzaga

**Publication title:** Urban Drought, January 2019

*Full text link <https://tinyurl.com/mtv3rzkh>*

**Article title:** Future changes in annual precipitation extremes over Southeast Asia under global warming of 2°C

**Authors:** Fredolin Tangang, Supari Supari, Jing Xiang Chung, Faye Cruz, Ester Salimun, Sheau Tieh Ngai, Liew Juneng, Jerasorn Santisirisomboon, Jaruthat Santisirisomboon, Thanh Ngo-Duc, Tan Phan-Van, Gemma Narisma, Patama Singhruck, Dodo Gunawan, Edwin Aldrian, Ardhasena Sopaheluwakan, Grigory Nikulin, Hongwei Yang, Armelle Reca C. Remedio, Dmitry Sein, and David Hein-Griggs

**Publication title:** APN Science Bulletin 8(1), August 2018

*Full text link <https://tinyurl.com/3kr8dnk5>*

**Article title:** Providing future climate projections using multiple models and methods: insights from the Philippines

**Authors:** Joseph Daron, Ian Macadam, Hideki Kanamaru, Thelma Cinco, Jack Katzfey, Claire Scannell, Richard Jones, Marcelino Villafuerte II, Faye Cruz, Gemma Narisma, Rafaela Jane Delfino, Rodel Lasco, John Manalo, Emma Ares, Ana Liza Solis, Rosalina de Guzman, Joseph Basconcillo & Fredolin Tangang

**Publication title:** Climatic Change 148(1-2):1-17, May 2018

*Full text link <https://tinyurl.com/2xyxaxkx>*

**Article title:** Sensitivity of temperature to physical parameterization schemes of RegCM4 over the CORDEX-Southeast Asia region

**Authors:** F. T. Cruz, G. T. Narisma, J. B. Dado, P. Singhruck, F. Tangang, U. A. Linarka, T. Wati, L. Juneng, T. Phan-Van, T. Ngo-Duc, J. Santisirisomboon, D. Gunawan, E. Aldrian

**Publication title:** International Journal of Climatology 37(2), June 2017

*Full text available upon request to the author/s*

**Article title:** Simulation of Present Climate over Southeast Asia Using the Non-Hydrostatic Regional Climate Model

**Authors:** Faye T. Cruz and Hidetaka Sasaki

**Publication title:** SOLA 13:13-18, January 2017

*Full text available upon request to the author/s*

**Article title:** WRF simulation of the heavy rainfall over Metropolitan Manila, Philippines during tropical cyclone Ketsana: a sensitivity study

**Authors:** F. T. Cruz & G. T. Narisma

**Publication title:** Meteorology and Atmospheric Physics 128(4), August 2016

*Full text available upon request to the author/s*

**Article title:** Performance evaluation of RegCM4 in simulating extreme rainfall and temperature indices over the CORDEX-Southeast Asia region

**Authors:** Performance evaluation of RegCM4 in simulating extreme rainfall and temperature indices over the CORDEX-Southeast Asia region

**Publication title:** International Journal of Climatology 37(3), June 2016

*Full text available upon request to the author/s*

**Article title:** Sensitivity of Southeast Asia rainfall simulations to cumulus and air–sea flux parameterizations in RegCM4

**Authors:** Liew Juneng, Fredolin Tangang, Jing Xiang Chung, Sheau Tieh Ngai, Tze Wei Tay, Gemma Narisma, Faye Cruz, Tan Phan-Van, Thanh Ngo-Duc, Jerasorn Santisirisomboon, Patama Singhruck, Dodo Gunawan, Edwin Aldrian

**Publication title:** Climate Research 69(1), June 2016

*Full text available upon request to the author/s*

**Article title:** Assessing the Sensitivity of the Non-Hydrostatic Regional Climate Model to Boundary Conditions and Convective Schemes over the Philippines

**Authors:** Faye T. Cruz, Hidetaka Sasaki, Gemma T. Narisma

**Publication title:** Journal of the Meteorological Society of Japan Ser II 94A:165-179, February 2016

*Full text available upon request to the author/s*

**Article title:** Wind Energy Projection for the Philippines based on Climate Change Modeling

**Authors:** Angeli Silang, Sherdon Niño Uy, Julie Mae Dado, Faye Abigail Cruz, Gemma Narisma, Nathaniel Libatique, Gregory Tangonan

**Publication title:** Energy Procedia 52:26-37, December 2014

*Full text link <https://tinyurl.com/3b8xya9y>*

**Article title:** Assessment of RegCM4.3 over the CORDEX South America domain: Sensitivity analysis for physical parameterization schemes

**Authors:** Michelle Simões Reboita, Julio Pablo R. Fernandez, Marta Pereira Llopart, Rosmeri Porfirio da Rocha, Luana Albertani Pampuch, Faye T. Cruz

**Publication title:** Climate Research 60(3):215-234, August 2014

*Full text link <https://tinyurl.com/2uy4xux6>*

**Article title:** A climatological analysis of the southwest monsoon rainfall in the Philippines

**Authors:** F.T. Cruz, G.T. Narisma, M.Q. Villafuerte II, K.U. Cheng Chua, L.M. Olaguera



**Publication title:** Atmospheric Research 122: 609-616, March 2013

*Full text link <https://tinyurl.com/yx2bb45r>*

**Article title:** Effects of land cover change on temperature and rainfall extremes in multi-model ensemble simulations

**Authors:** A. J. Pitman, N. de Noblet-Ducoudré, F. B. Avila, L. V. Alexander, J.-P. Boisier, V. Brovkin, C. Delire, F. Cruz, M. G. Donat, V. Gayler, B. van den Hurk, C. Reick, and A. Voldoire

**Publication title:** Earth System Dynamics 3(2):213-231, November 2012

*Full text link <https://tinyurl.com/b9eu6brd>*

**Article title:** Attributing the impacts of land-cover changes in temperate regions on surface temperature and heat fluxes to specific causes: Results from the first LUCID set of simulations

**Authors:** J. P. Boisier, N. de Noblet-Ducoudré, A. J. Pitman, F. T. Cruz, C. Delire, B. J. J. M. van den Hurk, M. K. van der Molen, C. Müller, A. Voldoire

**Publication title:** Journal of Geophysical Research Atmospheres 117(D12), June 2012

*Full text link <https://tinyurl.com/3mx38vnk>*

**Article title:** Determining Robust Impacts of Land-Use-Induced Land Cover Changes on Surface Climate over North America and Eurasia: Results from the First Set of LUCID Experiments

**Authors:** Nathalie de Noblet-Ducoudré, Juan-Pablo Boisier, Andy Pitman, G. B. Bonan, V. Brovkin, Faye Cruz, C. Delire, V. Gayler, B. J. J. M. van den Hurk, P. J. Lawrence, M. K. van der Molen, C. Müller, C. H. Reick, B. J. Strengers, A. Voldoire

**Publication title:** Journal of Climate 25(9), May 2012

*Full text available upon request to the author/s*

**Article title:** Coupled atmospheric and land surface dynamics over southeast Australia: A review, analysis and identification of future research priorities

**Authors:** Jason P. Evans, Andy J. Pitman, Faye T. Cruz

**Publication title:** International Journal of Climatology 31(12):1758 - 1772, October 2011

*Full text available upon request to the author/s*

**Article title:** Contrasting Regional Responses to Increasing Leaf-Level Atmospheric Carbon Dioxide over Australia

**Authors:** Faye T. Cruz, Andrew J. Pitman, John L. McGregor, Jason P. Evans

**Publication title:** Journal of Hydrometeorology 11(2):296-314, April 2010

*Full text link <https://tinyurl.com/4sb3k29b>*

**Article title:** Can the stomatal response to higher atmospheric carbon dioxide explain the unusual temperatures during the 2002 Murray-Darling Basin drought?

**Authors:** Faye T. Cruz, Andrew J. Pitman, Ying-Ping Wang

**Publication title:** Journal of Geophysical Research Atmospheres 115(D2):2101, January 2010

*Full text available upon request to the author/s*

**Article title:** Uncertainties in climate responses to past land cover change: First results from the LUCID intercomparison study

**Authors:** A. J. Pitman, N. de Noblet-Ducoudré, F. T. Cruz, E. L. Davin, G. B. Bonan, V. Brovkin, M. Claussen, C. Delire, L. Ganzeveld, V. Gayler, B. J. J. M. van den Hurk, P. J. Lawrence, M. K. van der Molen, C. Müller, C. H. Reick, S. I. Seneviratne, B. J. Strengers, A. Voldoire

**Publication title:** Geophysical Research Letters 36(14), July 2009

*Full text link <https://tinyurl.com/56t8vks4>*

**Article title:** Probabilistic simulations of the impact of increasing leaf-level atmospheric carbon dioxide on the global land surface

**Authors:** F. T. Cruz, A. J. Pitman & J. L. McGregor

**Publication title:** Climate Dynamics 34(2):361-379, February 2008

*Full text available upon request to the author/s*



**DR. CARLOS PRIMERO D. GUNDRAN**  
*Disaster Medicine*

**Sex:** Male

**Field of Specialization**

Disaster preparedness

Hospital care

**Researches:**

**Article title:** Simulation Training Needs Assessment for Disaster Preparedness and Disaster Response among selected agencies in National Capital Region, Philippines

**Authors:** Carlos Primero D. Gundran, Hilton Y. Lam, Anna Cristina. Tuazon c, Jerome V. Cleofas, Fernando B. Garcia, Trisha Ericka M. Puli

**Publication title:** International Journal of Disaster Risk Reduction, 94 August 2023

*Full text available upon request to the author/s*

**Article title:** Enhancing Mass Casualty Disaster Management Competencies through an Integrated Disaster Simulation Training Program

**Authors:** Carlos Primero D. Gundran, Hilton Y. Lam, Anna Cristina A. Tuazon, Jerome V. Cleofas, Fernando B. Garcia, Trisha Ericka M. Puli, Ma Sarina I. Magdales

**Publication title:** International Journal of Disaster Risk Reduction 78, August 2022

*Full text available upon request to the author/s*

**Article title:** Simulation Training Needs Assessment for Disaster Preparedness and Disaster Response Among Selected Agencies in National Capital Region, Philippines

**Authors:** Carlos Primero Gundran, Hilton Yu Lam, Jerome Cleofas, Anna Cristina Tuazon, Fernando Barroga Garcia Jr., Trisha Ericka Puli

**Publication title:** SSRN Electronic Journal, January 2022

*Full text available upon request to the author/s*

**Article title:** Enhancing Mass Casualty Disaster Management Competencies Through an Integrated Disaster Simulation Training Program

**Authors:** Carlos Primero Gundran, Hilton Yu Lam, Anna Cristina Tuazon, Jerome Cleofas, Fernando Barroga Garcia Jr., Trisha Ericka Puli, Sarina Magdales

**Publication title:** SSRN Electronic Journal, January 2021

*Full text available upon request to the author/s*

**Article title:** Rapid Triage of Mental Health Risk in Emergency Medical Workers: Findings From Typhoon Haiyan – CORRIGENDUM

**Authors:** Lauren Sylwanowicz, Merritt Schreiber, Craig Anderson, Carlos Primero D. Gundran, Emelie Santamaria, Jaifred Christian F. Lopez, Hilton Lam, Anna Cristina Tuazon

**Publication title:** Disaster Medicine and Public Health Preparedness 12(6):1, August 2018

*Full text link <https://tinyurl.com/2w79nvkb>*

**Article title:** Medical needs documented by EMS responders to areas affected by Typhoon Haiyan in the Philippines: implications on disaster response policy

**Authors:** Carlos Primero D. Gundran, Hilton Y. Lam, Jaifred Christian F. Lopez, Emelia B. Santamaria, Anna Cristina A. Tuazon, Lotgarda Tayao

**Publication title:** Acta Medica Philippina 52(2), April 2018

*Full text link <https://tinyurl.com/mryc64sp>*

**Article title:** Enabling factors, hindrances, and self-perceived level of preparedness of Typhoon Haiyan emergency medical responders

**Authors:** Hilton Y. Lam, Carlos Primero D. Gundran, Jaifred Christian F. Lopez, Emelia B. Santamaria, Anna Cristina A. Tuazon, Lotgarda Tayao

**Publication title:** Acta Medica Philippina 52(2), April 2018

*Full text link <https://tinyurl.com/3ayna2nv>*

**Article title:** Cases of Leptospirosis after Typhoon Ondoy (International name: Ketsana) seen at the emergency department: The Philippine general hospital experience

**Authors:** A. Balbuena, T. Herbosa & C. P. Gundran

**Publication title:** WIT Transactions on Information and Communication Technologies 43:605-612, 2010

*Full text available upon request to the author/s*



**Sex:** Male

**Field of Specialization**

Biodegradation

Oil Pollution

Crude Oil

Petroleum

**Researches:**

**Article title:** Experimental Design and Breakthrough Curve Modeling of Fixed-Bed Columns Utilizing a Novel 3D Coconut-Based Polyurethane-Activated Carbon Composite Adsorbent for Lead Sequestration

**Authors:** Rubie Mae D. Fernandez, Renz John R. Estrada, Tomas Ralph B. Tomon, Roger G. Dingcong, Jr. Ruben F. Amparado, Jr., Rey Y. Capangpangan, Roberto M. Malaluan, Gerard G. Dumancas, Alona A. Lubguban, Arnold C. Alguno, Hernando P. Bacosa, Arnold A. Lubguban

**Publication title:** Sustainability 15(19):14344, September 2023

*Full text link <https://tinyurl.com/2utnbsj6>*

**Article title:** Removal of Pb<sup>2+</sup> from Aqueous Media by Adsorption onto a Novel Coconut-Based Polyurethane-Activated Carbon Composite in a Fixed-Bed Column: Experimental Design and Breakthrough Curves Modelling

**Authors:** Rubie Mae D. Fernandez , Renz John R. Estrada , Tomas Ralph B. Tomon ORCID logo , Roger Jr. G. Dingcong , Ruben F. Amparado Jr. ORCID logo , Rey Y. Capangpangan ORCID logo , Roberto M. Malaluan , Gerard G. Dumancas ORCID logo , Alona A. Lubguban , Arnold C. Alguno ORCID logo , Hernando P. Bacosa , Arnold A. Lubguban

**Publication title:** Sustainability 2023, 15: 14344

*Full text link <https://tinyurl.com/32y4xbcs>*

**Article title:** Perception and Awareness of Marine Plastic Pollution in Selected Tourism Beaches of Barobo, Surigao del Sur, Philippines

**Authors:** Sherley Ann T. Inocente, Carlo S. Gutierrez, Maria Pia M. Sison, John Roderick V. Madarcos, Judea Christine M. Requiron, Christine Joy M. Pacilan, Shiela Mae M. Gaboy, Jayson Leigh M. Segovia, Hernando P. Bacosa

**Publication title:** Journal of Environmental Management and Tourism 14(5):2367, September 2023

*Full text link <https://tinyurl.com/5yb9f6v2>*

**Article title:** Microplastic ingestion by adult milkfish *Chanos chanos* (Forsskål, 1775) in aquaculture system: The case of Butuan Bay, Philippines

**Authors:** Kaye M. Similatan, Cris Gel Loui A. Arcadio, Carl Kenneth P. Navarro, Rey Y. Capangpangan, Hernando P. Bacosa

**Publication title:** Marine Pollution Bulletin 194(Pt B):115409, August 2023

*Full text available upon request to the author/s*

**Article title:** Coconut power: a sustainable approach for the removal of Cr 6+ ions using a new coconut-based polyurethane foam/activated carbon composite in a fixed-bed column

**Authors:** Tomas Ralph B. Tomon, Renz John R. Estrada, Rubie Mae D. Fernandez, Rey Y. Capangpangan, Alona A. Lubguban, Gerard G. Dumancas, Arnold C. Alguno, Roberto M. Malaluan, Hernando P. Bacosaab and Arnold A. Lubguban

**Publication title:** RSC Advances 13(30):20941-20950, July 2023

*Full text link <https://tinyurl.com/5n8mt6xb>*

**Article title:** Bacteriological assessment of the recreational water of Bacuit Bay, El Nido, Palawan, Philippines

**Authors:** Genese Divine B. Cayabo, Dawin M. Omar Jr., Jhonamie A. Mabuhay-Omar and Hernando P. Bacosa

**Publication title:** The Palawan Scientist, 13(1): 44-58, 2021

*Full text link <https://tinyurl.com/44yfky2s>*

**Article title:** Aquaculture farmer's perception and level of awareness of plastic litter in San Pedro, Dapitan City, Mindanao, The Philippines

**Authors:** Judea Christine M. Requiron, Carlo S. Gutierrez, Sherley Ann T. Inocente, Christine M. Pacilan, Shiela Mae M. Gaboy, Cmaria Pia M. Sison, Ruben F. Amparado and Hernando P. Bacosa

**Publication title:** Journal of Sustainability Science and Management 18(3):77-91, March 2023

*Full text available upon request to the author/s*

**Article title:** Unraveling Microplastic Pollution in Mangrove Sediments of Butuan Bay, Philippines

**Authors:** Carl Kenneth P. Navarro, Cris Gel Loui A. Arcadio, Cris, Kaye M. Similatan, Sherley Ann T. Inocente, Maryhope T. Banda, Rey Y. Capangpangan, Armi G. Torres, Hernando P. Bacosa

**Publication title:** Sustainability 14(21), November 2022

*Full text link <https://tinyurl.com/4fyu8y33>*

**Article title:** Unraveling Macroplastic Pollution in Rural and Urban Beaches in Sarangani Bay Protected Seascape, Mindanao, Philippines

**Authors:** Frank T. Acot Jr, Recca E. Sajorne, Nur-Ayn K. Omar, Peter D. Suson, Lynn Esther E. Rallos, Hernando P. Bacosa

**Publication title:** Journal of Marine Science and Engineering 10(10):1532, October 2022

*Full text link <https://tinyurl.com/3c352tyb>*

**Article title:** Occurrence of COVID-19 personal protective equipment (PPE) litters along the eastern coast of Palawan Island, Philippines

**Authors:** Recca E. Sajorne, Genese Divine B. Cayabo, John Roderick V. Madarcos, Karen G. Madarcos, Dawin M. Omar Jr., Lucio B. Ardines, Serdon A. Sabtal, Jhonamie A. Mabuhay-Omar, Victoria Cheung, Lota A. Creencia, Hernando P. Bacosa

**Publication title:** Marine Pollution Bulletin 182, September 2022

*Full text available upon request to the author/s*

**Article title:** From Surface Water to the Deep Sea: A Review on Factors Affecting the Biodegradation of Spilled Oil in Marine Environment

**Authors:** Hernando Pactao Bacosa, Sheila Mae B. Ancla, Cris Gel Loui A. Arcadio, John Russel A. Dalogdog, Dionielma Mae C. Ellos, Heather Dale A. Hayag, Jiza Gay P. Jarabe, Ahl Jimhar T. Karim, Carl Kenneth P. Navarro, Mae Princess I. Palma, Rodolfo A. Romarate II, Kaye M. Similatan, Jude Albert B. Tangkion, Shann Neil A. Yurong, Jhonamie A. Mabuhay-Omar, Chihiro Inoue, Puspa L. Adhikari

**Publication title:** Journal of Marine Science and Engineering 10(3):426, March 2022

*Full text link <https://tinyurl.com/fftt68vt>*

**Article title:** Occurrence of Covid-19 Personal Protective Equipment (Ppe) Litters Along the Eastern Coast of Palawan Island, Philippines

**Authors:** Recca E. Sajorne, Genese Divine B. Cayabo, John Roderick V. Madarcos, Karen G. Madarcos, Dawin M. Omar, Lucio B. Ardines, Serdon A. Sabtal, Jhonamie A. Mabuhay-Omar, Victoria Cheung, Lota A. Creencia, Hernando P. Bacosa

**Publication title:** SSRN Electronic Journal, January 2022

*Full text available upon request to the author/s*

**Article title:** Ask the Locals: A Community-Informed Analysis of Perceived Marine Environment Quality Over Time in Palawan, Philippines

**Authors:** Joel D. C. Sumeldan, Isabell Richter, Arlene L. Avillanosa, Hernando P. Bacosa, Lota A. Creencia, Sabine Pahl

**Publication title:** Frontiers in Psychology 12, August 2021

*Full text link <https://tinyurl.com/2s3drjtb>*

**Article title:** Plastic litter pollution along sandy beaches in Puerto Princesa, Palawan Island, Philippines

**Authors:** Recca E. Sajorne, Hernando P. Bacosa, Genese Divine B. Cayabo, Lucio B. Ardines Jr., Joel D.C. Sumeldan, Jhonamie M. Omar, Lota A. Creencia

**Publication title:** Marine Pollution Bulletin 169, August 2021

*Full text available upon request to the author/s*

**Article title:** Biodegradation of binary mixtures of octane with benzene, toluene, ethylbenzene or xylene (BTEX): insights on the potential of Burkholderia, Pseudomonas and Cupriavidus isolates

**Authors:** Hernando P. Bacosa, Jhonamie A. Mabuhay-Omar, Rodulf Anthony T. Balisco, Dawin M. Omar Jr. & Chihiro Inoue

**Publication title:** World Journal of Microbiology and Biotechnology 37(7), July 2021

*Full text link <https://tinyurl.com/2wewfpj6>*

**Article title:** Initial oil concentration affects hydrocarbon biodegradation rates and bacterial community composition in seawater

**Authors:** Hernando P. Bacosa, Andrew Kang, Kaijun Lu, Zhanfei Liu

**Publication title:** Marine Pollution Bulletin 162(23):111867, January 2021

*Full text available upon request to the author/s*

**Article title:** Marine Snow Aggregates are Enriched in Polycyclic Aromatic Hydrocarbons (PAHs) in Oil Contaminated Waters: Insights from a Mesocosm Study

**Authors:** Hernando P. Bacosa, Manoj Kamalanathan, Joshua Cullen, Dawei Shi, Chen Xu, Kathleen A. Schwehr, David Hala, Terry L. Wade, Anthony H. Knap, Anthony H. Knap, Antonietta Quigg

**Publication title:** Journal of Marine Science and Engineering 8(10):781, October 2020

*Full text link <https://tinyurl.com/583bd6fc>*

**Article title:** Polycyclic aromatic hydrocarbons (PAHs) and putative PAH-degrading bacteria in Galveston Bay, TX (USA), following Hurricane Harvey (2017)

**Authors:** Hernando P. Bacosa, Jamie Steichen, Manoj Kamalanathan, Rachel Windham, Arnold Lubguban, Jessica M. Labonté, Karl Kaiser, David Hala, Peter H. Santschi & Antonietta Quigg

**Publication title:** Environmental Science and Pollution Research 27(1), October 2020

*Full text link <https://tinyurl.com/mr49hekt>*

**Article title:** Morinda citrifolia (Noni) leaf extract as corrosion inhibitor for steel-reinforced concrete in saline environment

**Authors:** R. A. Limco, H. P. Bacosa, A. A. Lubguban & J. S. Buluran

**Publication title:** International journal of Environmental Science and Technology 17(7), June 2020

*Full text available upon request to the author/s*

**Article title:** Potential effects of bacterial communities on the formation of blooms of the harmful dinoflagellate Prorocentrum after the 2014 Texas City “Y” oil spill (USA)

**Authors:** Bum Soo Park, Deana L. Erdner, Hernando P. Bacosa, Zhanfei Liu, Edward J. Buskey



**Publication title:** Harmful Algae 95(4–6):101802, May 2020

*Full text available upon request to the author/s*

**Article title:** Citation: Microbial, Physical, and Chemical Changes in Galveston Bay Following an Extreme Flooding Event, Hurricane Harvey

**Authors:** Jamie L. Steichen, Jessica M. Labonté, Rachel Windham, David Hala, Karl Kaiser, Samantha Setta, Patricia C. Faulkner, Hernando Bacosa, Ge Yan, Manoj Kamalanathan, Antonietta Quigg

**Publication title:** Frontiers in Marine Science 7, April 2020

*Full text link <https://tinyurl.com/4dmb8yp4>*

**Article title:** Protein to carbohydrate (P/C) ratio changes in microbial extracellular polymeric substances induced by oil and Corexit

**Authors:** Ruei-Feng Shiu, Meng-Hsuen Chiu, Carlos I. Vazquez, Yi-Yen Tsai, Andre Le, Agnes Kagiri, Chen Xu, Manoj Kamalanathan, Hernando P. Bacosa, Shawn M. Doyle, Jason B. Sylvan, Peter H. Santschi, Antonietta Quigg, Wei-Chun Chin

**Publication title:** Marine Chemistry 223, 2020

*Full text available upon request to the author/s*

**Article title:** Can the protein/carbohydrate (P/C) ratio of exopolymeric substances (EPS) be used as a proxy for their 'stickiness' and aggregation propensity?

**Authors:** Peter H. Santschi, Chen Xu, Kathleen A. Schwehr, Peng Lin, Luni Sun, Wei-Chun Chin, Manoj Kamalanathan, Hernando P. Bacosa, Antonietta Quigg

**Publication title:** Marine Chemistry 218:103734, December 2019

*Full text available upon request to the author/s*

**Article title:** Growth dynamics and domoic acid production of Pseudo-nitzschia sp. in response to oil and dispersant exposure

**Authors:** Laura Bretherton, Jessica Hillhouse, Hernando Bacosa, Samantha Setta, Jennifer Genzer, Manoj Kamalanathan, Zoe V. Finkel, Antonietta Quigg

**Publication title:** Harmful Algae 86:55-63, June 2019

*Full text available upon request to the author/s*

**Article title:** Enhanced degradation of polycyclic aromatic hydrocarbons (PAHs) in the rhizosphere of sudangrass (Sorghum × drummondii)

**Authors:** John Jewish A. Dominguez, Hernando P. Bacosa, Mei-Fang Chien, Chihiro Inoue

**Publication title:** Chemosphere 234(9), June 2019

*Full text available upon request to the author/s*

**Article title:** Role of Polysaccharides in Diatom Thalassiosira pseudonana and its Associated Bacteria in Hydrocarbon Presence

**Authors:** Manoj Kamalanathan, Meng-Hsuen Chiu, Hernando Bacosa, Kathy Schwehr, Shih-Ming Tsai, Shawn Doyle, Alexandra Yard, Savannah Mapes, Carlos Vasequez, Laura Bretherton, Jason B. Sylvan, Peter Santschi, Wei-Chun Chin, Antonietta Quigg

**Publication title:** Plant Physiology 180(4):pp.00301.2019, May 2019

*Full text link <https://tinyurl.com/bdenmbry>*

**Article title:** Extracellular polymeric substances (EPS) producing and oil degrading bacteria isolated from the northern Gulf of Mexico

**Authors:** Hernando P. Bacosa ,Manoj Kamalanathan ,Meng-Hsuen Chiu ,Shih-Ming Tsai ,Luni Sun ,Jessica M. Labonté ,Kathleen A. Schwehr ,David Hala ,Peter H. Santschi ,Wei-Chun Chin , Antonietta Quigg

**Publication title:** PLoS ONE 13(12):e0208406, December 2018

*Full text link <https://tinyurl.com/mun2nesu>*

**Article title:** Rapid alterations to marine microbiota communities following an oil spill

**Authors:** Brad J. Gemmell, Hernando P. Bacosa, Ben O. Dickey, Colbi G. Gemmell, Lama R. Alqasemi & Edward J. Buskey

**Publication title:** Ecotoxicology 27(3), July 2018

*Full text link <https://tinyurl.com/4t4w3kaf>*

**Article title:** Environmental petroleum pollution analysis using ramped pyrolysis-gas chromatography–mass spectrometry

**Authors:** Meredith Evans Seeley, Qing Wang, Hernando Bacosa, Brad E. Rosenheim, Zhanfei Liu

**Publication title:** Organic Geochemistry 124:180-189, July 2018

*Full text available upon request to the author/s*

**Article title:** Response of microbial communities to oil spill in the Gulf of Mexico: A review

**Authors:** Linda Adzigbli, Hernado P. Bacosa, Yuewen Deng

**Publication title:** African Journal of Microbiology Research 12(23):536-545, June 2018

*Full text link <https://tinyurl.com/58ebypw5>*

**Article title:** Hydrocarbon degradation and response of seafloor sediment bacterial community in the northern Gulf of Mexico to light Louisiana sweet crude oil

**Authors:** Hernando P. Bacosa, Deana L. Erdner, Brad E. Rosenheim, Prateek Shetty, Kiley W. Seitz, Brett J. Baker & Zhanfei Liu

**Publication title:** The ISME Journal 12(10): June 2018

*Full text available upon request to the author/s*

**Article title:** The effects of sunlight on the composition of exopolymeric substances and subsequent aggregate formation during oil spills

**Authors:** Luni Sun, Meng-Hsuen Chiu, Chen Xu, Peng Lin, Kathleen A. Schwehr, Hernando Bacosa, Manoj Kamalanathan, Antonietta Quigg, Wei-Chun Chin, Peter H. Santschi

**Publication title:** Marine Chemistry 203, April 2018

*Full text available upon request to the author/s*

**Article title:** Assessing the Role of Environmental Conditions on the Degradation of Oil Following the Deepwater Horizon Oil Spill

**Authors:** Hernando P. Bacosa, Meredith M. Evans, Qing Wang, Zhanfei Liu

**Publication title:** Oil Spill Environmental Forensics Case Studies 617-637, January 2018

*Full text available upon request to the author/s*

**Article title:** The impact of dissolved inorganic nitrogen and phosphorous on responses of microbial plankton to the Texas City “Y” oil spill in Galveston Bay, Texas (USA)

**Authors:** Alicia K. Williams, Hernando P. Bacosa, Antonietta Quigg

**Publication title:** Marine Pollution Bulletin 121(1-2), May 2017

*Full text available upon request to the author/s*

**Article title:** Potential Environmental Factors Affecting Oil-Degrading Bacterial Populations in Deep and Surface Waters of the Northern Gulf of Mexico

**Authors:** Jiqing Liu, Hernando P. Bacosa, Zhanfei Liu

**Publication title:** Frontiers in Microbiology 7(1325), January 2017

*Full text link <https://tinyurl.com/2kh2whnd>*

**Article title:** Petroleum hydrocarbon persistence following the Deepwater Horizon oil spill as a function of shoreline energy

**Authors:** Meredith Evans, Jiqing Liu, Hernando Bacosa, Brad E. Rosenheim, Zhanfei Liu

**Publication title:** Marine Pollution Bulletin 115(1), November 2016

*Full text available upon request to the author/s*

**Article title:** An in-depth survey of the oil spill literature since 1968: Long term trends and changes since Deepwater Horizon

**Authors:** David Murphy, Brad Gemmell, Liana Vaccari e, Cheng Li a, Hernando Bacosa c, Meredith Evans c, Colbi Gemmell c, Tracy Harvey c, Maryam Jalali f, Tagbo H.R. Niepa

**Publication title:** Marine Pollution Bulletin 113(1), October 2016

*Full text available upon request to the author/s*

**Article title:** Can gelatinous zooplankton influence the fate of crude oil in marine environments?

**Authors:** Brad J. Gemmell, Hernando P. Bacosa, Zhanfei Liu, Edward J. Buskey

**Publication title:** Marine Pollution Bulletin 113(1), September 2016

*Full text available upon request to the author/s*

**Article title:** Dynamics of *Heterocapsa* sp. and the associated attached and free-living bacteria under the influence of dispersed and undispersed crude oil

**Authors:** T. Severin, H.P. Bacosa, A. Sato, D.L. Erdner

**Publication title:** Letters in Applied Microbiology 63(6), August 2016

*Full text link <https://tinyurl.com/4x5wrzzn>*

**Article title:** The tarballs on Texas beaches following the 2014 Texas City “Y” Spill: Modeling, chemical, and microbiological studies

**Authors:** Hernando P. Bacosa, Kristen M. Thyng, Stefanie Plunkett, Deana L. Erdner, Zhanfei Liu

**Publication title:** Marine Pollution Bulletin 109(1):236-244, August 2016

*Full text available upon request to the author/s*

**Article title:** Natural Sunlight Shapes Crude Oil-Degrading Bacterial Communities in Northern Gulf of Mexico Surface Waters

**Authors:** Hernando P. Bacosa, Zhanfei Liu, Deana L. Erdner

**Publication title:** Frontiers in Microbiology 6(357), November 2015

*Full text link <https://tinyurl.com/5n7f2xc4>*

**Article title:** Differentiating the roles of photooxidation and biodegradation in the weathering of Light Louisiana Sweet crude oil in surface water from the Deepwater Horizon site

**Authors:** Hernando P. Bacosa, Deana L. Erdner, Zhanfei Liu

**Publication title:** Marine Pollution Bulletin 95(1), April 2015

*Full text available upon request to the author/s*

**Article title:** Polycyclic aromatic hydrocarbons (PAHs) biodegradation potential and diversity of microbial consortia enriched from tsunami sediments in Miyagi, Japan

**Authors:** Hernando Pactao Bacosa and Chihiro Inoue

**Publication title:** Journal of Hazardous Materials 283C:689-697, October 2014

*Full text available upon request to the author/s*

**Article title:** Degradation potential and microbial community structure of heavy oil-enriched microbial consortia from mangrove sediments in Okinawa, Japan

**Authors:** Hernando P. Bacosa, Koichi Suto, Chihiro Inoue

**Publication title:** Journal of Environmental Science and Health Part A Toxic/Hazardous Substances & Environmental Engineering 48(8):835-46, July 2013

*Full text link <https://tinyurl.com/5emb2h9a>*

**Article title:** Bacterial community dynamics during the preferential degradation of aromatic hydrocarbons by a microbial consortium

**Authors:** Hernando Pactao Bacosa, Koichi Suto, Chihiro Inoue

**Publication title:** International Biodeterioration & Biodegradation 74:109–115, October 2012

*Full text available upon request to the author/s*

**Article title:** Preferential utilization of petroleum oil hydrocarbon components by microbial consortia reflects degradation pattern in aliphatic–aromatic hydrocarbon binary mixtures

**Authors:** Hernando Pactao Bacosa, Koichi Suto & Chihiro Inoue

**Publication title:** World Journal of Microbiology and Biotechnology 27(5):1109-1117, May 2011

*Full text available upon request to the author/s*

**Article title:** Preferential degradation of aromatic hydrocarbons in kerosene by a microbial consortium

**Authors:** Hernando Bacosa, Koichi Suto, Chihiro Inoue

**Publication title:** International Biodeterioration & Biodegradation 64(8):702-710, December 2010

*Full text available upon request to the author/s*

**Article title:** Degradation of aromatic and aliphatic hydrocarbon binary mixtures by microbial consortium

**Authors:** Hernando Bacosa, Koichi Suto, Chihiro Inoue

**Publication title:** Journal of Bioscience and Bioengineering 108, November 2009

*Full text available upon request to the author/s*

**Article title:** Microbial Diversity in an Iron Oxidation Tank of an AMD Treatment Plant at an Abandoned Sulphur Mine

**Authors:** Koichi Suto, Hernando Bacosa, Chihiro Inoue, Eiji Matsushima

**Publication title:** Advanced Materials Research 20-21:493-496, July 2007

*Full text available upon request to the author/s*

**DR. JULIUS ADAM LOPEZ***Chemistry***Sex:** Male**Field of Specialization****Researches:**

Chromatography

Mass Spectrometry

Extraction

Compound Isolation

Natural Product Chemistry

Metabolomics

Natural Product Drug Discovery

NMR Structure Elucidation

**Researches:**

**Article title:** 2-Methylthio- N 7-methyl- cis- zeatin, a new antimalarial natural product isolated from a Streptomyces culture

**Authors:** Julius Adam V. Lopez, Toshihiko Nogawa, Kazuko Yoshida, Yushi Futamura, Hiroyuki Osada

**Publication title:** Bioscience Biotechnology and Biochemistry 86(1), November 2021

*Full text available upon request to the author/s*

**Article title:** N-Acetyl- $\alpha$ -hydroxy- $\beta$ -oxotryptamine, a racemic natural product isolated from Streptomyces sp. 80H647

**Authors:** Julius Adam V. Lopez, Toshihiko Nogawa, Yushi Futamura, Harumi Aono, Daisuke Hashizume & Hiroyuki Osada

**Publication title:** The Journal of Antibiotics 74(7):1-3, April 2021

*Full text available upon request to the author/s*

**Article title:** Nocardamin glucuronide, a new member of the ferrioxamine siderophores isolated from the ascarycin-producing strain Streptomyces sp. 80H647

**Authors:** Julius Adam V. Lopez, Toshihiko Nogawa, Yushi Futamura, Takeshi Shimizu & Hiroyuki Osada

**Publication title:** The Journal of Antibiotics 72(12), August 2019

*Full text available upon request to the author/s*

**Article title:** Microbial Fraction Library: A Screening Source for Drug Discovery

**Authors:** Toshihiko Nogawa, Julius Adam V. Lopez & Hiroyuki Osada

**Publication title:** Cutting-Edge Organic Synthesis and Chemical Biology of Bioactive Molecules (pp.1-20), May 2019

*Full text available upon request to the author/s*

**Article title:** Fraction Libraries and Genetics as Tools for Natural Product Research: Focus on Decalin-Containing Compounds

**Authors:** Julius Adam Velasco Lopez and Hiroyuki Osada

**Publication title:** Comprehensive Natural Products III (Third Edition)

*Full text available upon request to the author/s*

**Article title:** Serinolamides and Lyngbyabellins from an Okeania sp. Cyanobacterium Collected from the Red Sea

**Authors:** Julie G. Petitbois, Loida O. Casalme, Julius Adam V. Lopez, , Walied M. Alarif, Ahmed Abdel-Lateff, Sultan S. Al-Lihaibi, Erina Yoshimura // , Yasuyuki Nogata, Taiki Umezawa, Fuyuhiko Matsuda, and Tatsufumi Okino

**Publication title:** Journal of Natural Products 80(10), October 2017

*Full text link <https://tinyurl.com/5bayyfub>*

**Article title:** Columbamides D and E: Chlorinated Fatty Acid Amides from the Marine Cyanobacterium Moorea bouillonii Collected in Malaysia

**Authors:** Julius Adam V. Lopez, Julie G. Petitbois, Charles S. Vairappan, Taiki Umezawa, Fuyuhiko Matsuda, and Tatsufumi Okino

**Publication title:** Organic Letters 19(16), August 2017

*Full text available upon request to the author/s*

**Article title:** Wewakazole B, a Cytotoxic Cyanobactin from the Cyanobacterium Moorea producens Collected in the Red Sea

**Authors:** Julius Adam V. Lopez, Sultan S. Al-Lihaibi, Walied M. Alarif, Ahmed Abdel-Lateff, Yasuyuki Nogata, Kenji Washio, Masaaki Morikawa, and Tatsufumi Okino

**Publication title:** Journal of Natural Products 79(4), March 2016

*Full text link <https://tinyurl.com/b2bkxrwb>*

**DR. JOSEPH PALERMO***Environmental Science*

**Sex:** Male

**Field of Specialization**

Marine Biology

Phycology

Ecology

**Article title:** Restriction Site-Associated DNA Sequencing Reveals Local Adaptation Despite High Levels of Gene Flow in *Sardinella lemuru* (Bleeker, 1853) Along the Northern Coast of Mindanao, Philippines

**Authors:** Kevin Labrador, Joseph Dominic Palermo, Altair Agmata, Rachel Ravago-Gotanco, Ma. Josefa Pante

**Publication title:** *Frontiers in Marine Science* 9, February 2022

**Full text link** <https://tinyurl.com/ydh6y8pv>

**Article title:** DNA Barcoding of Dominant Species in the Sardine Fishery of Northern Mindanao

**Authors:** Kevin Labrador, Altair Agmata, Joseph Dominic Palermo, Asuncion de Guzman, Maria Rio Abdon Naguit, Jerry Garcia, Maria Josefa Pante

**Publication title:** *The Philippine journal of science* 150(S1, Special Issue on Biodiversity):433-437, April 2021

**Full text link** <https://tinyurl.com/3tdt8vvc>

**Article title:** Characterizing the vertical phytoplankton distribution in the Philippine Sea off the northeastern coast of Luzon

**Authors:** Kristina Cordero-Bailey a b, Iris Salud F. Bollozos a, Joseph Dominic H. Palermo a c, Kathleen M. Silvano, Ma. Teresa L. Escobar, Gil S. Jacinto, Maria Lourdes San Diego-McGlone, Laura T. David, Aletta T. Yñiguez

**Publication title:** *Estuarine Coastal and Shelf Science* 254(2):107322, March 2021

**Full text link** <https://tinyurl.com/5a4m6fmw>

**Article title:** Mitochondrial DNA reveals genetically structured haplogroups of Bali sardinella (*Sardinella lemuru*) in Philippine waters



**Authors:** Kevin Labrador, Altair Agmata, Joseph Dominic Palermo, Rachel Ravago-Gotanco, Ma. Josefa Pante

**Publication title:** Regional Studies in Marine Science 41:1 - 13, January 2021

*Full text available upon request to the author/s*

**Article title:** Susceptibility of Sardinella lemuru to emerging marine microplastic pollution

**Authors:** J.D.H. Palermo, K.L. Labrador, J.D. Follante, A.B. Agmata, M.J.R. Pante, R.N. Rollon, L.T. David

**Publication title:** Global Journal of Environmental Science and Management 6(3), March 2020

*Full text link <https://tinyurl.com/kdkw6enp>*

**Article title:** Authentication of processed Philippine sardine products using Hotshot DNA extraction and minibarcode amplification

**Authors:** Kevin Labrador, Altair Agmata, Joseph Dominic Palermo, Jhunrey Follante, Ma. Josefa Pante

**Publication title:** Food Control 98, November 2018

*Full text available upon request to the author/s*

**Article title:** Improving the validity and robustness of a Harmful Algal Bloom model through genetic algorithm-based optimization

**Authors:** Arjay C. Cayetano, Aletta Yniguez, Cesar L. Villanoy, Laura T. David, Josephine Dianne L. Deauna, Eileen L. Peñaflor, Joseph Dominic H. Palermo, Garry A. Benico, Rhodora Z. Azanza

**Publication title:** Journal of Environmental Science and Management 28, January 2013

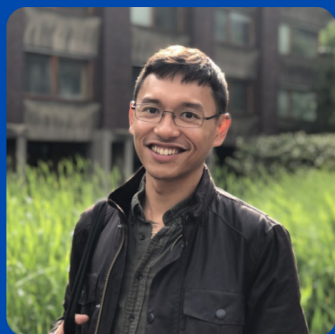
*Full text link <https://tinyurl.com/2p8bpktt>*

**Article title:** Investigating the roles of intrinsic and extrinsic factors in the blooms of Pyrodinium bahamense var. compressum using an individual-based model

**Authors:** A.T. Yñiguez, A. Cayetano, C.L. Villanoy, I. Alabia, I. Fernandez, J.D. Palermo, G.A. Benico, F.P. Siringan, R.V. Azanza

**Publication title:** Procedia Environmental Sciences 13:1462-1476, December 2012

*Full text link <https://tinyurl.com/5fj5cw57>*

**ANDREW F. TORRES***Marine Biology*

**Sex:** Male

**Field of Specialization**

Marine Ecology

Marine Biology

Population Genetics

Biogeography

**Researches:**

**Article title:** Zooxanthellae Diversity and Coral-Symbiont Associations in the Philippine Archipelago: Specificity and Adaptability Across Thermal Gradients

**Authors:** Andrew F. Torres, Darryl Anthony M. Valino, Rachel Ravago-Gotanco

**Publication title:** Frontiers in Marine Science 8:731023, October 2021

*Full text link <https://tinyurl.com/yphnr2xj>*

**Article title:** Individual and Interactive Effects of Ocean Warming and Acidification on Adult *Favites colemani*

**Authors:** Mikhael Clotilde S. Tañedo, Ronald D. Villanueva, Andrew F. Torres, Rachel Ravago-Gotanco, Maria Lourdes San Diego-McGlone,

**Publication title:** Frontiers in Marine Science 8, September 2021

*Full text link <https://tinyurl.com/5ah57mme>*

**Article title:** Shifts in coral clonality along a gradient of disturbance: insights on reproduction and dispersal of *Pocillopora acuta*

**Authors:** Andrew F. Torres, Zac H. Forsman & Rachel Ravago-Gotanco

**Publication title:** Marine Biology 167(161), November 2020

*Full text available upon request to the author/s*

**Article title:** Rarity of the “common” coral *Pocillopora damicornis* in the western Philippine archipelago

**Authors:** Andrew F. Torres & Rachel Ravago-Gotanco

**Publication title:** Coral Reefs 37(4), December 2018

*Full text available upon request to the author/s*

**Article title:** State of animal DNA barcoding in the Philippines: A review of COI sequencing of Philippine native fauna

**Authors:** Ian Kendrick C. Fontanilla, Andrew F. Torres, Josephine Angela DG. Cañasas, Sandra L. Yap, and Perry S. Ong

**Publication title:** Philippines Science Letters 7(1), 2014

*Full text link <https://tinyurl.com/9uchh22k>*

**Article title:** DNA Barcoding of Birds in the University of the Philippines Diliman Campus, with Emphasis on Striated Grassbirds *Megalurus palustris*

**Authors:** Adrian U. Luczon, Andrew F. Torres, Jonas P. Quilang, Perry S. Ong and Ian Kendrick C. Fontanilla

**Publication title:** The Philippine journal of science 142(1):1-11, June 2013

*Full text link <https://tinyurl.com/2unhvm5t>*