

CURRICULUM VITAE



Personal Information

Name **ARLENE L. GONZALES**
Mailing Address **Mariano Marcos State University
Department of Environmental Science
College of Agriculture, Food and Sustainable Development
Brgy. 16 Quiling Sur, Batac City, Ilocos Norte, Philippines**
Mobile No. **+63 9451867083**
Email Address **algonzales@mmsu.edu.ph**
Date of Birth **May 27, 1983**

Educational Attainment

Degree Obtained **PhD in Climate Change and Sustainable Development**
Date Graduated **May 2024**
Institution **Asian Institute of Technology, Thailand**

Degree Obtained **MS in Environmental and Conservation Biology**
Date Graduated **March 2010**
Institution **Saint Louis University, Philippines**

Degree Obtained **BS in Environmental Science**
Date Graduated **March 2004**
Institution **Mariano Marcos State University, Philippines**

Field of Expertise Nature-based Solution (NUEs), Urban ecology, Greenhouse gas inventory, Environmental and Ecological Engineering, Climate change and Sustainability

Work Experience

Academic Rank **Visiting Faculty**
Name of the University/
Department **Asian Institute of Technology, Thailand
Department of Food, Agriculture and Natural Resources**
Period Covered **January 1, 2025- May 31, 2025**

Academic Rank **Associate Professor 2**
Name of University/
Department **Mariano Marcos State University
College of Agriculture, Food and Sustainable Development
Department of Environmental Science**
Period Covered **August 7, 2024 - Present**

Academic Rank **Associate Professor 1**
Name of University/
Department **Mariano Marcos State University
College of Agriculture, Food and Sustainable Development
Department of Environmental Science**

Period Covered	December 7, 2022 – August 6, 2024
Academic Rank	Assistant Professor 4
Name of University/Department	Mariano Marcos State University College of Agriculture, Food and Sustainable Development Department of Environmental Science
Period Covered	July 1, 2018 – December 6, 2022
Academic Rank	Assistant Professor 2
Name of University/Department	Mariano Marcos State University College of Agriculture, Food and Sustainable Development Department of Environmental Science
Period Covered	July 1, 2016 – June 30, 2018
Academic Rank	Instructor 3
Name of University/Department	Mariano Marcos State University College of Agriculture, Food and Sustainable Development Department of Environmental Science
Period Covered	July 1, 2014 – June 30, 2016
Academic Rank	Instructor 1
Name of University/Department	Mariano Marcos State University College of Agriculture, Food and Sustainable Development Department of Environmental Science
Period Covered	November 16, 2004 – June 30, 2014

Publications

1. Gonzales, Arlene L. and Tsusaka, Takuji W. Novel Urban Ecosystem for Enhanced Ecosystem Services in Cities: The Case of AIT's Freshwater Mangroves (Book Chapter: Environmental Sustainability and Resilience, Springer Nature) *estimated print of publication October 2024
2. Gonzales, A., Tsusaka T.W., Shipin, O. 2023. Freshwater Mangrove: A Novel Urban Ecosystem for an Enhanced Ecosystem Services in Cities. Biodivers Vol. 2 No. 2, 2023
3. Mandadi, R.R., Tripathi, N.K., Pal, I., Mozumder, C. and Gonzales, A.L. Geostatistical Exploratory Analysis on Child Malnutrition and its Determinants in India. June 2023. International Journal of Geoinformatics. Vol. 19, No. 6. ISSN: 1686-6567. <https://doi.org/10.52939/ijg.v19i6.2699>.
4. Arlene Lu-Gonzales, Takuji W. Tsusaka, Sylvia Szabo, Reuben M. J. Kadigi, Camilla Blasi Foglietti, Seree Park Zoe Matthews. Evaluating the Contribution of Complex International Research-for-Development Programmes to the Sustainable Development Goals. January 2023. The European Journal of Development Research. <https://doi.org/10.1057/s41287-022-00573-7>.

Funded Project/s

1. **Project Leader:** Nature-based Solutions for Sustainable Mangrove Management and Resilient Communities Through Innovative Green Engineering Approach funded by Department of Science and Technology – Philippine Council for Agriculture, Aquatic, and Natural Resource. Implementing Period: May 2024 – May 2026
2. **Project Member:** SDG Impact Dashboard Project funded by the Commission on Higher Education. Implementing Period: May 2024 – May 2027

Awards/s

1. **Outstanding Presentation Award:** Soil Carbon Sequestration Assessment in Major Cropping Patterns in the City of Batac, Philippines during the 5th Environment and Natural Resources International Conference organized by Mahidol University – Faculty of Environment and Resource Studies on November 14-15, 2024 at the Arnoma Grand Hotel, Bangkok, Thailand.

Participation in International Workshops/Trainings/Conferences

Oral Presenter	Soil Carbon Sequestration Assessment in Major Cropping Patters in the City of Batac, Philippines during the 5 th Environment and Natural Resources International Conference organized by Mahidol University – Faculty of Environment and Resource Studies on November 14-15, 2024 at the Arnoma Grand Hotel, Bangkok, Thailand.
Oral Presenter	ACHIEVE-ing Sustainability Through Strategic and Committed Action: The Case of Mariano Marcos State University on August 22-24, 2024 at the Manila Prince Hotel during the FutresPhil 2024: Towards Sustainable Development Goals, Innovation, and Futures Thinking Conference.
Panelist	Bridging Sustainability and Education: Building a Nation that is Ready for Tomorrow organized during the EURIE Education Summit held on February 27-29, 2024 at Lufti Kirdar International Convention Center, Istanbul, Turkey.
Participant/Fellow	SPINAKER Summer School Program on Thermomodernization of Existing Buildings organized by Wroclaw University of Science and Technology, Poland on May 8 – August 2, 2023.
Oral Presenter	14 th European Evaluation Society Biennial Conference on June 6-10, 2022 in Copenhagen, Denmark
Oral Presenter	6 th International Academic Conference on Humanities and Social Sciences on November 19-21, 2021 held in Paris, France.
Oral Presenter	7 th International Online Conference on Geo Intelligence for Smart Health Care held on 25-26 February 2021 organized by Geoinformatics International. <u>*Best Paper Award</u>
Panel Discussant	1 st International Webinar: Futures of Education from Students' Perspectives: Inspirations and Lessons-Learned from Campus Closure on May 16, 2020 organized by Beijing Normal University.
Participant/Fellow	2019 Asia Pacific Leadership Programme on Environment for Sustainable Development with the theme on Sustainable Consumption and Production on September 23-27, 2019 at Tongji University, Shanghai, China.
Oral Presenter	The 1 st International Conference on Biotechnology, Bioengineering, Biorefinery, and Pollution Prevention held on August 1-2, 2019 at Chulalongkorn University. *Best Presenter Award
Poster Presenter	Asia Pacific Network for Global Change Research 23 rd Intergovernmental Meeting with the theme "Making Cities and Communities Sustainable in the Anthropocene" held on July 11-12, 2018, Bangkok, Thailand.
Participant/Fellow	Promotion on Sustainability in Postgraduate Education and Research Network (ProSPER.Net) 2018 Programme on Sustainable Urban Development for the World's Megacities held at Shonan Village, Kanagawa Japan on March 4-11, 2018
Participant/Fellow	2017 Asia-Pacific Leadership Programme (APLP) : Leading for 2030 Agenda Sustainable Development (The SDGs) at Tongji University, Shanghai, P.R. China from 18-22 September 2017
Participant/Fellow	Training on Waste Management and Environmental Sanitation for Developing Countries held at Center for Environmental Sanitation, Ghent University, Belgium on August 23 – September 3, 2010

Participation in National/Regional/Local Workshops/Trainings/Conferences

- Speaker** Accounting Profession as a Catalyst for Achieving UN Sustainable Development Goals during the Regional Summit on Commerce and Industry On December 5, 2024 at Fort Ilocandia, Ilocos Norte, Philippines.
- Participant** Training – Workshop on Outcomes-Based Monitoring and Evaluation of Industry Strategic S&T plans and Programs organized by DOST-PCAARRD on November 13-17, 2023 at Dona Jovita Garden Resort, Calamba City, Laguna
- Participant** Training of Trainers on the Formulation of Enhanced Local Climate Change Action Plan on August 20-26, 2022 organized by Local Government Academy and Climate Change Commission in Metro Manila, Philippines.

Environment-Related Consultancy Experiences

- Environmental Specialist** EIA Reviewer for the Environmental Management Bureau – Philippines.
- Consultant** Regional Integrated Multi-Hazard Early Warning Systems
August 2022 – February 2023
- Researcher of an International Project** Trade, Development and the Environment Hub (Trade Hub)
November 2021 – July 2022
- Technical Working Group (TWG)** Technical Working Group Member for the Crafting of Communication Plan for the Kalbario-Patapat Natural Park – Philippines.

