



Curriculum Vitae

John Christian Leorna Gaviola

Registered Civil Engineer (Philippines, ID No. 0172774)

Visayas State University, Baybay City, Leyte, 6521, PHILIPPINES

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johnchristian.gaviola@vsu.edu.ph

Sex Male

Date of birth January 2, 1998

Nationality Filipino

WORK EXPERIENCE

Date

Company Name

Company Address

Position

Main Activities/
Responsibilities

Designation

Date

Name of Organization

Address

Position

Main Activities/
Responsibilities

EDUCATION

Date

Program

School or University

Address

GPA / Honors

Scholarship

Thesis Title

Date

Program

School or University

Address

Honors

Thesis Title

Date

Program

School or University

Address

Honors/Awards

Date

Program

School or University

Address

Honors/Awards

July 2020 – Present

Visayas State University

ViSCA, Baybay City, Leyte, 6521, Philippines

Instructor, VSU Department of Civil Engineering

Conducts instruction (undergraduate), research, and extension in civil engineering.

Teaches various undergraduate-level engineering basic and professional engineering courses such as Engineering Mathematics, Engineering Geology, Soil Mechanics, Hydraulics, Foundation Engineering, among others.

Department Head, VSU Department of Civil Engineering (January 3, 2025 – Present)

February 2020 – June 2020

Landworks Development Corporation

Las Piñas City, Cavite, 1740, Philippines

Site Civil Engineer

Inspects facilities and analyze operational data, maintain compliance with safety and regulatory standards, compile estimates for technical and material requirements for project development, determine and present estimates of operational costs, evaluate operations and processes, suggest process and technical design changes to improve performance and efficiency, implement improvements to designs and methods, among others.

August 2022 – May 2024

Master of Science in Geotechnical and Earth Resources Engineering

Asian Institute of Technology

Khlong Luang, Pathum Thani, 12120, Thailand

3.83/4.0 – The Chin Fung Kee Memorial Prize for Academic Excellence

DOST Foreign Graduate Scholarship Grant

Evaluation of Rainfall-Induced Landslide and Subsequent Debris Flow

Using Physically Based Models

June 2014 – June 2019

Bachelor of Science in Civil Engineering

Visayas State University

ViSCA, Baybay City, Leyte, 6521, Philippines

CE Capstone Project of the Year Award

Effectiveness of Coconut Fiber Geotextile as Bio-Engineering Technique in

Mitigating Soil Erosion Along Bato-Bontoc Road

June 2010 – March 2014

Secondary Education

The Cristo Rey Regional High School, Inc.

Malibago, Saint Bernard, Southern Leyte, 6616

With Honors

June 2005 – March 2010

Primary Education

Maria Asuncion Elementary School

Maria Asuncion, Saint Bernard, Southern Leyte, 6616

With Honors

AFFILIATION AND MEMBERSHIP

Date	January 2022 - Present
Organization	Philippines Society of Engineering Education (PSEE)
Affiliation	Member
Date	August 2021 - Present
Organization	Visayas State University Faculty Association
Affiliation	Member
Date	December 2019 - Present
Organization	Philippine Institute of Civil Engineers, Inc. (Cebu Chapter)
Affiliation	Regular Member

CONFERENCES/ SEMINARS/ TRAININGS

Date	December 9-11, 2024 & February 4-5, 2025
Title	Outcomes Based Engineering Education: A National Training Series for Engineering Deans and Program Chairs
Venue	Manila Prince Hotel, Ermita, Manila City, Philippines
Organizer	Batangas State University
Role	Participant
Date	September 30, 2024 – October 1, 2024
Title	4th International Conference on Disaster Management (ICDM 2024)
Venue	Padang City, West Sumatra, Indonesia
Organizer	Universitas Andalas, Indonesia
Role	Paper Presenter
Date	September 19, 2024
Title	3rd Accreditation Conference on Engineering (ACE 2024)
Venue	Bahay ng Alumni, University of the Philippines - Diliman
Organizer	Philippine Technological Council
Role	Participant
Date	June 27-28, 2024
Title	Understanding Construction Contracts and CIAP Document 102
Venue	Online Via Zoom
Organizer	The Philippine Domestic Construction Board
Role	Participant
Date	December 10 - 19, 2023
Title	International Training Course on Geo-Disaster Risk Reduction and Resilience
Venue	Taipei, Taiwan
Organizer	National Taiwan University, International Consortium on Geo-disaster Reduction (ICGdR), International Consortium on Landslide (ICL), and National Science and Technology Council of Taiwan
Role	Participant (with full scholarship funding)
Date	October 25 - 27, 2023
Title	21st Southeast Asian Geotechnical Conference
Venue	Bangkok, Thailand
Organizer	The Association of Geotechnical Societies in Southeast Asia (AGSSEA), Southeast Asian Geotechnical Society (SEAGS), and Thailand Geotechnical Society (TGS)
Role	Participant
Date	February 28, 2023 - March 8, 2023
Title	Global Project-Based Learning in Civil Engineering (Focusing on SDG 11)
Venue	Tokyo, Japan
Organizer	Shibuara Institute of Technology (SIT)
Role	Participant (with full scholarship funding)

Date	June 17-18, 2022
Title	2022 Philippine Institute of Civil Engineers National Midyear Convention
Venue	General Santos City, South Cotabato, Philippines
Organizer	Philippine Institute of Civil Engineers, Inc.
Role	Participant
Date	November 26, 2021
Title	CE Talks: Five Fields of Specialization
Venue	Virtual Conference Via Zoom
Organizer	Philippine Institute of Civil Engineers - Visayas State University Chapter
Role	Resource Speaker, "Role of Geotechnical and Water Resources Engineering in the Achievement of the Sustainable Development Goals"
Date	November 11, 2021
Title	Testing, Modeling, and Forecasting of Rainfall-Induced Slope Failures
Venue	Virtual Conference Via Zoom
Organizer	Polytechnic University of the Philippines
Role	Participant
Date	September 26, 2021
Title	National Civil Engineering Summit 2021
Venue	Virtual Conferencing via Zoom
Organizer	UP Association of Civil Engineering Students and UP Institute of Civil Engineering
Role	Participant
Date	September 6-10, 2021
Title	Training on RA 9184 and its Revised IRR
Organizer	Philippine Institute of Civil Engineers, Inc. (PICE) and Government Procurement Policy Board Technical Support Office (GPPB TSO)
Role	Participant
Date	June 25-26, 2021
Title	2021 PICE Midyear National Convention
Venue	Virtual Conferencing via Zoom
Organizer	Philippine Institute of Civil Engineers, Inc.
Role	Participant
Date	February 22-26, 2021
Title	International Webinar on Engineering, Science, and Technology
Venue	Virtual Conferencing via Zoom
Organizer	Polytechnic University of the Philippines
Role	Participant
Date	September 18, 2020
Title	Structural Engineering and Construction Management: The Practice of Civil Engineering Amidst Pandemic
Venue	Virtual Conferencing via Zoom
Organizer	Philippine Institute of Civil Engineers, Inc. Cebu Chapter
Role	Participant
Date	June 2020 – November 2020
Title	Civil Engineering Comprehensive Review
Venue	Cebu City
Organizer	Mega Review and Tutorial Center Inc.
Date	July 24-26, 2019
Title	International Conference on Biosphere and Sustainability
Venue	Puerto Princesa City, Palawan
Organizer	Palawan Council for Sustainable Development
Role	Participant and Paper Presenter, "Effectiveness of Coconut Fiber Geotextile as Bio-Engineering Technique in Mitigating Soil Erosion"

AWARDS/ RECOGNITION

Title
Details

Certificate of Recognition, 2024 DOST SEI In-Touch With Excellence

In recognition of having completed MS degree abroad with high honors, awarded on October 29, 2024 at the Philippine International Convention Center, Pasay City

Title
Details

Best Paper Presenter, 4th International Conference on Disaster Management

For the paper presented "Evaluation of critical factors for typhoon-triggered landslide and subsequent debris flow using physically based models" awarded on October 1, 2024 at Universitas Andalas, Padang City, West Sumatra, Indonesia

RESEARCH WORKS

Research Project

1. **Development of a Coupled Geotechnical-Hydrometeorological Framework in the Analysis and Risk Management of Soil Slope and Embankment Failures in Leyte, Philippines**

Role: Project Leader (2024-2026)

Funding: Visayas State University Internationalization Program in collaboration with the Asian Institute of Technology (AIT, Thailand), and Southern Leyte State University (SLSU)

Publications/
Conference Papers

1. **GAVIOLA JCL** et al., Evaluation of critical factors for typhoon-triggered landslide and subsequent debris flow in the Philippines using physically based models. E3S Web Conf. 604 01001. DOI: 10.1051/e3sconf/202560401001. January 2025 (SCOPUS)
2. **GAVIOLA JCL.** & BATIDOR PG., Academic Achievement and Licensure Examination Performance Among Civil Engineering Graduates of Visayas State University. Proceedings. 6th FEIAP International Convention. Cebu City. July 2022
3. **GAVIOLA JCL** et al., Coconut Fiber Geotextile as Bio-Engineering Technique in Mitigating Soil Erosion. Proceedings. 2019 International Conference on Biosphere and Sustainability (Economic Systems, Innovation, and Technology), Puerto Princesa City, Palawan. July 2019.

REFERENCES

Name
Position

A/PROF. JANNET C. BENCURE, PhD.

Associate Professor in Remote Sensing and GIS
Dean, College of Engineering and Technology
Visayas State University
Visca, Baybay, City, Leyte, 6521-A PHILIPPINES
jannet.bencure@vsu.edu.ph

Company
Company Address
Contact Information

Name
Position

A/PROF. KUO-CHIEH CHAO, PhD.

Associate Professor in Geotechnical Engineering
Head, Department of Civil and Infrastructure Engineering
Director, Asian Center of Ground Improvement and Geosynthetics
Asian Institute of Technology
Khlong Luang, Pathum Thani, 12120, THAILAND
geoffchao@ait.asia

Company
Company Address
Contact Information

I affirm that all the above-stated information is true and correct to the best of my knowledge.



JOHN CHRISTIAN L. GAVIOLA

19 February 2025