

CURRICULUM VITAE

CONTACT INFORMATION

Name: Hanzel N. Mejia

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EMPLOYMENT HISTORY

- **Faculty Member –Department of Civil Engineering, Visayas State University**
January 2015 – Present
- **Director for International Affairs – Visayas State University**
May 2024 – Present
- **Consultant –Climate Impact Expert on Transport - World Bank**
December 2023 – June 2024

EDUCATION

GRADUATE (PhD)

Asian Institute of Technology

Pathumtani, Thailand

PhD in Transportation Engineering

Graduate (Doctoral Exchange)

The University of Tokyo

Tokyo, Japan

PhD in Transportation Engineering

GRADUATE (Doctoral Exchange)

Seoul National University

Seoul, Republic of Korea

PhD in Transportation Engineering

GRADUATE (MS)

University of the Philippines

Diliman, Quezon City, Philippines

Master of Science in Civil Engineering (Transportation Engineering)

TERTIARY (BS)

Visayas State University

Visca, Baybay City, Leyte

Bachelor of Science in Civil Engineering

PROFESSIONAL QUALIFICATIONS

- **Licensed Civil Engineer**
Registration No. 0134407
- **Accredited Materials Engineer**
Accreditation No. 5051
- **Licensed Master Plumber**
Registration No. 0011103
- **Licensed Environmental Planner**
Registration No. (004063)

PROFESSIONAL AFFILIATIONS

Regular member, Eastern Asia Society for Transportation Studies

Regular member, Philippine Institute of Civil Engineers

Regular member, Transportation Science Society of the Philippines

Regular member, Analytics Association of the Philippines

SEMINARS/TRAININGS/CONFERENCES ATTENDED (Last 5 years)

- European Association for International Education Annual Conference and Exhibition (EAIE) 2024, Toulouse, France, September 17-20, 2024
- US-Philippine Global Partnership Workshop, Pasig City, Metro Manila, August 28-29, 2024
- Global Internationalization Training and Workshop 2024, Surabaya, Indonesia, July 9-11, 2024
- Times Higher Education Global Sustainable Development Congress, Bangkok, Thailand, June 10-13, 2024
- 15th Conference of the Eastern Asia Society for Transportation Studies, Kuala Lumpur, Malaysia, September 4-8, 2023
- 28th Conference of the Transportation Science Society of the Philippines, University of the Philippines, November 25, 2022
- 27th Conference of the Transportation Science Society of the Philippines, University of the Philippines, November 19, 2021
- 14th Conference of the Eastern Asia Society for Transportation Studies, Hiroshima, Japan, September 12-14, 2021
- Transportation Science Society of the Philippines 26th Annual National Conference, Cebu City, Philippines, July 25-27, 2019
- Traffic Impact Assessment (TIA) for Technical Evaluators, National Center for Transportation Studies, Quezon City, Philippines, February 19-21, 2019.

PAPERS/PRESENTATIONS

- **Mejia, HN**, Empirical Proof of the Characteristics of the Queue Discharge Rate Under Different Rainfall Conditions on an Active On-ramp Bottleneck, 15th Conference of the Eastern Asia Society for Transportation Studies, Kuala Lumpur, Malaysia, September 4-8, 2023
- **Mejia, HN et. al.**, “Predicting Passenger’s Port and Mode Choice in Inter-Island Multiport System Travel using Decision Tree Algorithm”, 14th Conference of the Eastern Asia Society for Transportation Studies, Hiroshima, Japan, September 12-14, 2021
- **Mejia, HN**, “Factors Affecting Satisfaction in an Inter-Island Multiport System in Leyte-Cebu and Predicting Passenger’s Port and Mode Choice using Decision Tree Algorithm”, Proceedings, 27th Conference of the Transportation Science Society of the Philippines, University of the Philippines, November 19, 2021
- **Mejia, HN et. al.**, “Preliminary Study on the Feasibility of a Bicycle Sharing System at Visayas State University in Baybay City, Leyte”, Proceedings, Transportation Science Society of the Philippines 26th Annual National Conference, Cebu City, Philippines, July 25-27, 2019.
- **Mejia, HN**, “Speed-Flow-Density Relationship Changes in an Expressway Due to Different Rainfall Conditions”, Proceedings, 8th Regional Symposium on Infrastructure Development in Civil Engineering, Quezon City, Philippines, October 25-26, 2018.
- **Mejia, HN**, Sigua RG, “Impacts of Different Rainfall Intensities on Key Traffic Flow Parameters Using Underwood’s Exponential Model”, Proceedings, Transportation Science Society of the Philippines 25th Annual National Conference, Cagayan de Oro City, Philippines, July 26-27, 2018
- **Mejia, HN**; Sigua RG, “Modeling the Effects of Rainfall on Speed-Flow-Density Relationship”, Proceedings, Joint 14th DOST-ERDT Conference, Association for Engineering Education in Southeast and East Asia and the Pacific Workshop 2017, and the International Conference on Sustainable Energy Ecosystems, Cebu, Philippines, October 18-20, 2017
- **Mejia, HN**, Sigua RG “Impacts of Different Rainfall Intensities on Key Traffic Flow Parameters: The Case of North Luzon Expressway in the Philippines”, Proceedings, 2017 International Conference on Smart Rail, Traffic, and Transportation Engineering”, Hong Kong, China, December 15-18, 2017

PUBLICATIONS

- **Mejia, HN**, Karoonsoontawong K, Kanitpong K, Empirical Proof of the Characteristics of the Queue Discharge Rate Under Different Rainfall Conditions on an Active On-ramp Bottleneck, Applied Sciences 13 (12) 7152, June 2023.
- **Mejia, HN**, Andrin AC, Gutierrez JG, OCA BO, Study on the Implementation of a Campus Bike Sharing Program as a Sustainable Transport Mode: Case of Visayas State University, Philippine Transportation Journal, Volume 3, No.1, June 2020.
- **Mejia, HN**, Sigua RG, “Impacts of Different Rainfall Intensities on Key Traffic Flow Parameters Using Underwood’s Exponential Model”, Philippine Transportation Journal Volume 1, No. 2, August 2018.

AWARDS

- **Best Presenter Award**, The International Academy of Science and Engineering for Development (IASSED), 2017.
- **Best Presenter Award**, Transportation Science Society of the Philippines, 2018.
- **Best Paper Award**, Transportation Science Society of the Philippines, 2018