

Professor. Enrique Vinicio Villacís Tapia, Mgtr
PUCE Quito
Identity and Mission Directorate
Faculty of Habitat, Infrastructure, and Creativity
Email: evillacis@puce.edu.ec



Employment

PUCE Quito

Pontifical Catholic University of Ecuador
11 Jun 2009 → present

Identity and Mission Directorate

Pontifical Catholic University of Ecuador
10 Jun 2009 → present

Faculty of Habitat, Infrastructure, and Creativity

Pontifical Catholic University of Ecuador
7 Jun 2009 → present

Research outputs

Vacíos, Parches y Envueltos: Fotografía de Enrique Villacís

Villacís Tapia, E. V., 2026, 1 ed. Quito: EdiPUCE. 219 p.

Pertenencia sobre la identidad, memoria y el espacio, por medio de lo sonoro: Caso de estudio adultos mayores La Loma Grande

Villacís Tapia, E. V., Oviedo, A. & Velastegui, J., 1 Jul 2025, In: Index, Revista de arte contemporáneo. 10, 19, p. 70-79 9 p.

ARCHITECTURAL VERNACULAR HERITAGE AS A CULTURAL ENHANCER IN RURAL VILLAGES

Rodriguez, M. L., Tapia, E. V. & Ayarza, C., 2024, In: Proceedings of International Structural Engineering and Construction. 11, 1

ARCHITECTURE PRACTICAL LEARNING: ANALYSIS OF ARCHITECTURAL DESIGN STUDIO THROUGH A NEUROSCIENCE EDUCATION PERSPECTIVE

Rodriguez, M. L., Villacís Tapia, E. V. & Benavides Alvarez, J. E., 2024, In: Proceedings of International Structural Engineering and Construction.

STRUCTURAL ANALYSIS OF THE ECOEARTH SANDWICH SYSTEM

Tapia, E. V., Cevallos, P. & Ayarza, C., 2024, In: Proceedings of International Structural Engineering and Construction. 11, 1

VERNACULAR AND ENDOGENOUS PARAMETERS: REVISION OF THE MACHUPICCHU WALL AND THE ECOEARTH SANDWICH SYSTEM

Tapia, E. V., Ayarza, C. & Gutierrez, J., 2024, In: Proceedings of International Structural Engineering and Construction. 11, 1

ECO EARTH SANDWICH CONSTRUCTION SYSTEM COST COMPARISON WITH CONFINED MASONRY, RAMMED EARTH, AND DRYWALL

Tapia, E. V., Salazar, A., Oviedo, A. & Ayarza, C., 2022, In: Proceedings of International Structural Engineering and Construction. 9, 2

THE ECOLOGICAL FOOTPRINT OF THE ECOEARTH SANDWICH SYSTEM COMPARED TO MASONRY, RAMMED EARTH, AND DRYWALL

Tapia, E. V., Salazar, M., Velastegui, J. & Ayarza, C., 2022, In: Proceedings of International Structural Engineering and Construction. 9, 2

THERMAL CONFORT OF THE ECO-EARTH SANDWICH SYSTEM COMPARED TO MASONRY BLOCK, RAMMED EARTH, AND DRYWALL

Tapia, E. V., Salazar, M. & Ayarza, C., 2022, In: Proceedings of International Structural Engineering and Construction. 9, 2

Breaking students comfort zone: Learning from community members, a strategy within the aec education

Tapia, E. V. V., Luxton, I., Vasquez, R. V., Ozbek, M. E. & Ayarza, C., 2020.

Pertinence of a neuroscience construction industry class in order to raise global crisis awareness

Tapia, E. V. & Ayarza, C., 2020.

Specialized design architectural objects for the rehabilitation of people with visual disabilities

Tapia, E. V., Rodriguez, M. L., Jarrin, D., Vizcaino, J. & Ayarza, C., 2020.

COMPARACION DE LA HUELLA ECOLOGICA DE LA CASA DE MECHE CON LA CASA DE BLOQUE TRADICIONAL Y DE CAÑA DEL MIDUVI

DAVIS, M. & VILLACIS TAPIA, E. V., 1 Dec 2019

INFLUENCIA DE LOS MEDIOS EN LA RECONSTRUCCION POST DESASTRE. CHILE-ECUADOR

VILLACIS TAPIA, E. V., 1 Dec 2019

LA CASA DE MECHE, LA IMPORTANCIA DE SELECCIONAR AL BENEFICIARIO CORRECTO EN UN PROCESO DE CONSTRUCCION ALTERNATIVA POST DESASTRES

VILLACIS TAPIA, E. V., 1 Dec 2019

MAS ALLA DE LA CONSTRUCCION DE LA CASA DE MECHE: INICIOS, VALORES Y BASES DEL PROCESO EN TIEMPOS DE DESASTRE

VILLACIS TAPIA, E. V., 1 Dec 2019

OJOS EN LA CASA DE MECHE: UNA CONSTRUCCION POST TERREMOTO

VILLACIS TAPIA, E. V., 1 Dec 2019

SEGUIMIENTO TECNICO HISTORICO A LOS SISTEMAS CONSTRUCTIVOS DE LA CASA DE MECHE

VILLACIS TAPIA, E. V., 1 Dec 2019

Bioclimatic analysis of meche's house: A construction alternative

Ortiz, M. C., Flores, S. M. & Villacis, E., 2019, *ISEC 2019 - 10th International Structural Engineering and Construction Conference*. Ozevin, D., Ataei, H., Modares, M., Gurgun, A. P., Yazdani, S. & Singh, A. (eds.). ISEC Press, (ISEC 2019 - 10th International Structural Engineering and Construction Conference).

Case study comparisons of the ecological footprint on social housing after earthquake

Davis, M., Villacis, E., Rodriguez, M. L., Ayarza, C., Davila, D., Fernandez, C., Jarrin, D., Nacevilla, J. & Vizcaino, J., 2019, *ISEC 2019 - 10th International Structural Engineering and Construction Conference*. Ozevin, D., Ataei, H., Modares, M., Gurgun, A. P., Yazdani, S. & Singh, A. (eds.). ISEC Press, (ISEC 2019 - 10th International Structural Engineering and Construction Conference).

Meche's house or "being in the world": A post-disaster community building experience

Hinojosa, F., Villacis, E., Rodriguez, M. L. & Ayarza, C., 2019, *ISEC 2019 - 10th International Structural Engineering and Construction Conference*. Ozevin, D., Ataei, H., Modares, M., Gurgun, A. P., Yazdani, S. & Singh, A. (eds.). ISEC Press, (ISEC 2019 - 10th International Structural Engineering and Construction Conference).

CASA DE MECHE, LA IMPORTANCIA DE SELECCIONAR AL BENEFICIARIO CORRECTO EN UN PROCESO DE CONSTRUCCIÓN ALTERNATIVA POST DESASTRES
VILLACIS TAPIA, E. V., 19 Jun 2018, In: REVISTA.

Meches house: The importance of choosing the right beneficiary on a post disaster alternative construction

Villacis, E., Rodriguez, M. L. & Ayarza, C., 2018, In: Proceedings of International Structural Engineering and Construction. 5, 1, EPE-04.

Product versus process: A jungle community case study four years later of technology transfer

Villacis, E., Rodriguez, M. L. & Ayarza, C., 2018, In: Proceedings of International Structural Engineering and Construction. 5, 1, EPE-02.

EL MOTÍN AMONTONADO O EL MONTÓN AMOTINADO (TEPITO-MÉXICO D.F.)

VILLACIS TAPIA, E. V., 28 Jun 2017, In: REVISTA.

Preserving traditional construction techniques and materials as an answer to future energy-fuel crisis

Villacis, E., Rodriguez, M. L. & Ayarza, C., 2017, *ISEC 2017 - 9th International Structural Engineering and Construction Conference: Resilient Structures and Sustainable Construction*. Pellicer, E., Adam, J. M., Yepes, V., Singh, A. & Yazdani, S. (eds.). 1 ed. ISEC Press, Vol. 4. (ISEC 2017 - 9th International Structural Engineering and Construction Conference: Resilient Structures and Sustainable Construction).

Working with available resources to develop local knowledge to sustain development during crises

Villacis, E., Lorena Rodriguez, M. & Ayarza, C., 2017, *ISEC 2017 - 9th International Structural Engineering and Construction Conference: Resilient Structures and Sustainable Construction*. Adam, J. M., Pellicer, E., Yazdani, S., Singh, A. & Yepes, V. (eds.). 1 ed. ISEC Press, Vol. 4. (ISEC 2017 - 9th International Structural Engineering and Construction Conference: Resilient Structures and Sustainable Construction).

MANUAL DE CONSTRUCCIÓN ALTERNATIVA, EL ARCA DE SONREÍR/NAYÓN, CON LO QUE HAY 9

VILLACIS TAPIA, E. V., 31 Dec 2016

CON LO QUE HAY 5, MANUAL DE DISEÑO PARTICIPATIVO

VILLACIS TAPIA, E. V., 1 Feb 2016

Leaving chance to chance on academic architectural design-build processes

Vilalcis, E., Rodriguez, L. & Ayarza, C., 2016, In: Proceedings of International Structural Engineering and Construction. 3, 1, p. 513-518 6 p.

Minority Voice in Community Design Building Processes

Enrique, V., Lorena, R. & Cynthia, A., 2016, In: Procedia Engineering. 145, p. 372-379 8 p.

The Technology Transfer Systems in Communities, Product Versus Processes

Enrique, V., Lorena, R. & Cynthia, A., 2016, In: Procedia Engineering. 145, p. 364-371 8 p.

VIGILANTES DEL BOSQUE DE SAN JOSE DE OLAES. CON LO QUE HAY VII

VILLACIS TAPIA, E. V., 1 Dec 2015

TALLER CON LO QUE HAY 6, SAN JOSE DE OLAES, MANUAL DE CONSTRUCCIÓN VIGA ATIRANTADA

VILLACIS TAPIA, E. V., 1 Jul 2015