



## LATAM-SEC-2026 Technical Program

Zoom link for all online participants:

<https://us02web.zoom.us/j/3666822714?pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LViswUT09>

PMI: 366 682 2714

Passcode: 142731

\*All times are in **Ecuador Standard Time (UTC-5)**

### Monday – March 23, 2026

15:00 - 18:00	<b>Registration</b>	<b>MAIN HALL</b> FHIC – Architecture (Arquitectura, Diseño y Artes)
16:00 - 18:00	<b>Icebreaker &amp; Welcome Reception</b> Price: US \$30 Includes: Drinks and Finger food	

### Tuesday – March 24, 2026

#### Registration & Coffee

08:00 - 17:00	<b>Registration</b> (The registration desk will be open during conference hours)	<b>MAIN HALL</b> PUCE – Tower 1 (TORRE 1) IT Staff: Sebastián Bautista
08:00 - 09:00	<b>Registration</b> Tea and Coffee Available	

#### Opening Session

09:00 – 9:30	<b>Opening Performance: Andes Dance</b>	<b>AUDITORIUM</b> FHIC – Architecture (Arquitectura, Diseño y Artes)  <b>BREAKOUT ROOM 1</b> <a href="https://us02web.zoom.us/j/3666822714?pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LViswUT09">https://us02web.zoom.us/j/3666822714?pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LViswUT09</a> <b>PMI: 366 682 2714</b> <b>Passcode: 142731</b> IT Staff: Doménica, Gabriel, Nicolás, Sebastián
	<b>Welcome and Introductions</b> <i>Enrique Villacís, Conference Chair</i>	
	<b>University Greetings: PUCE</b> <i>Jorge Albuja, Dean of FHIC, PUCE</i>	
	<b>Opening Remarks</b> <i>Amarjit Singh, President, ISEC Society</i>	
09:30 - 10:00	<b>Keynote Speaker I</b> <i>Edwin Morales Díaz, ACCIONA Quito-Metro</i>	

**Tea & Coffee Break: 10:00 - 10:30 (Conference Lounge, Room 302-303)**



**Technical Session I – Tuesday, March 24, 2026, 10:30 - 12:30**

**Location: Tower 1 (TORRE 1)**

	<b>TECHNICAL SESSION I-A</b> <b>AUDITORIUM 2</b> <b>Education and Professional Ethics</b>	<b>TECHNICAL SESSION I-B</b> <b>AUDITORIUM 3</b> <b>Construction and Industrialization</b>	<b>TECHNICAL SESSION I-C</b> <b>AUDITORIUM 4</b> <b>Structures and Concrete</b>
	Moderators: Guillermo Guzmán, Leonardo Coloma IT Staff: Nicolás Semper <b>BREAKOUT ROOM 1</b>	Moderators: Daniel A. Puga-Hermosa, Abner Said Rodríguez IT Staff: Doménica Sandoval <b>BREAKOUT ROOM 2</b>	Moderators: Rolando Calero, Santiago X. Mafla Andrade IT Staff: Gabriel Paredes <b>BREAKOUT ROOM 3</b>
1	<b>EPE-04 – Integrative Learning In The Relation Between The Building System And The Architectural Project</b>  <i>Nataly Revelo Morales, Lorena Rodríguez Váscquez, César Ferro Monroy, Julio Oleas Rueda, Julián Arroyo Cabezas</i>	<b>CON-01 – Design and Construction of a Lead-Core Elastomeric Seismic Base Isolator for a Three-Story L-Shaped Building</b>  <i>Wilson Oswaldo Cando Tipán, Willington Comina, Jorge Alexander Bucheli García, Oscar Patricio Jaramillo de León, Laura Camila Cando Salazar</i>	<b>STR-01 – A Short Analysis of the Overstrength Factor Addressing Soil-Structure Interaction Effects</b>  <i>Juan S. Baquero-Mosquera, Óscar P. Jaramillo De León</i>
2	<b>EPE-06 – A Responsible Architecture: The Education of Architects for Social Change</b>  <i>Juan Carlos González-Ortiz, Renato Sebastián Ríos-Mantilla</i>	<b>CON-02 – Development and Application of Wood Connections for Structural Use in Sustainable Construction with Bamboo</b>  <i>José Miguel Carranco, Jorge Alejandro Batres, Andrea Salomé Jaramillo, Ángel Fabián Chicaiza, Luis Enrique Chávez</i>	<b>STR-02 – A Proposal for a Hybrid Self-Centering Prestressed Rocking Column with Integrated Friction-Based Energy Dissipation Capabilities</b>  <i>Juan S. Baquero-Mosquera, César David Andrade-Pesantez</i>
3	<b>EPE-07 – The University and the Neighborhood: A Participatory Design Process</b>  <i>Juan Carlos González-Ortiz, Renato Sebastián Ríos-Mantilla</i>	<b>CON-04 – Prefabricated Bioreceptive Devices for Incubating Urban Biodiversity</b>  <i>Luis Menéndez-Sánchez, César Ferro, Andrea Parra-Ullauri, Pablo Menéndez-Guerrero</i>	<b>STR-07 – Review of Ambient Vibrations for Structural Health Monitoring of Historic Constructions</b>  <i>Salvatore Russo</i>
4	<b>EPE-09 – Systemic Architecture: A Methodological Approach to Architectural Education Through General Systems Theory</b>  <i>Néstor Andrés Llorca Vega, Analia Barreno Salazar, Mateo Arteaga Ávila</i>	<b>CON-07 – Adoption of Industrialized Construction: Validation of a Conceptual Mode</b>  <i>Franchesca Carvajal Sapiain, Boris Heredia Rojas</i> <b>ONLINE PRESENTATION</b>	<b>STR-09 – Dynamic Property Extraction of Reinforced Concrete Building for Lateral Load Distribution in Incremental Nonlinear Analysis</b>  <i>Alan Damian Sánchez, Francisco J. R.</i> <b>ONLINE PRESENTATION</b>
5	<b>EPE-10 – Applying Service-Learning in Architecture: Design and Construction of a Bioclimatic Shelter for High-Altitude Climates</b>  <i>Andrea Parra-Ullauri, Pablo Silva Guerrero, Javier Mera Luna</i>	<b>CON-09 – Use of Artificial Intelligence Predictive Analysis for Project Scheduling in Construction</b>  <i>Soujanya Pillala, Rachana Bekkem, Kasim Korkmaz</i> <b>ONLINE PRESENTATION</b>	<b>CTE-02 – Elastic Modulus Reduction in Medium-Strength Concrete with Recycled Paver Aggregates: Experimental Validation Against ACI Standards</b>  <i>Oscar Jaramillo, Wilson Cando, Jorge Bucheli, Juan S. Baquero-Mosquera, Giannela Guapi, Grey Ordóñez</i>
6	<b>OTH-01 – Active Learning in Architectural History: Design Exercises as Pedagogical Tools</b>  <i>Javier Benavides, Nataly Revelo</i>	<b>QUA-01 – Process Management Implementation for Prefabricated Construction Industry</b>  <i>Iván Rueda, Esteban Lora, Grace Tamayo, Lourdes Montesdeoca</i>	<b>CTE-03 – Compressive Strength of Mortars Using Selva Alegre GU Cement According to NTE INEN 488</b>  <i>Wilson Oswaldo Cando Tipán, Henry Troya, Jorge Alexander Bucheli García, Óscar Jaramillo De León, Ana Beatriz Cando, Laura Camila Cando</i>
7	<b>AAE-04 – Architectural Poiesis Through Three Anthological Approaches</b>  <i>Javier Benavides</i>	<b>OTH-04 – Relationship Between Strategies Human Capital and Organizational Performance in Construction MSMEs, Mediating Effect of Innovation</b>  <i>Edwin Javier Suquillo Guijarro</i>	<b>CTE-09 – Durability-Oriented Characterization of Conventional Concretes: Input Parameters for Corrosion Analysis of RC-Beams in Marine Environments</b>  <i>María Elena Ahumada Ponce, Pedro Serna Ros, Roberto Vengut Tro, José Manuel Gandía Romero, Sandra Santa-Cruz Hidalgo</i> <b>ONLINE PRESENTATION</b>
8	<b>EPE-14 – Beyond Functionalist Paradigms: Proprioceptive Exploration and Ductile Practice in Architectural Pedagogy</b>  <i>Enrique Ferreras Cid, Verónica Vaca Proaño, Néstor Llorca Vega</i>	<b>CSA-09 – Development of Inspection Checklists in Accordance with NTP 324 for Work Activities Inside Trenches</b>  <i>Jorge Alexander Bucheli García, Bolívar Mauricio Cely Vélez, Erika Paulina Bonilla Albán, Paulina Rosana Lima Guaman, Verónica Arellano</i>	<b>CON-16 – Performance-Based Seismic Design Methodology for Low-Rise Residential Frame Structures With and Without Masonry Infill</b>  <i>Wilson Oswaldo Cando Tipán, Sebastián Andrés Aguirre Rodríguez, Pablo Enrique Caiza Sánchez.</i>

**Lunch Break: 12:30 - 14:00 (Conference Lounge [Room 302-303] / Architecture Coworking Space)**



**Technical Session II – Tuesday, March 24, 2026, 14:00 - 16:00**

**Location: Tower 1 (TORRE 1)**

	<b>TECHNICAL SESSION II-A</b> <b>AUDITORIUM 2</b> <b>Construction Safety, Risk Analysis, and Disaster Management</b>	<b>TECHNICAL SESSION II-B</b> <b>AUDITORIUM 3</b> <b>Water and Environment</b>	<b>TECHNICAL SESSION II-C</b> <b>AUDITORIUM 4</b> <b>Energy and National Development</b>
	Moderators: Wilson Cando Tipán, María Lorena Rodríguez IT Staff: Nicolás Semper <b>BREAKOUT ROOM 1</b>	Moderators: Sandra Hipatia Núñez, Jesús González-Laprea IT Staff: Doménica Sandoval <b>BREAKOUT ROOM 2</b>	Moderators: Luis Menéndez Sánchez, Camilo Molina IT Staff: Gabriel Paredes <b>BREAKOUT ROOM 3</b>
1	<b>CSA-01 – Development of Checklist Questionnaires Based on NTP 324 for Welding Processes in Steel Structures as a Mechanism for Occupational Risk Prevention</b>  <i>Jorge Alexander Bucheli García, Wilson Oswaldo Cando Tipán, Oscar Patricio Jaramillo de León, Bolívar Mauricio Cely Vélez, Luis Miguel León Torres, Fredi Augusto Paredes</i>	<b>WRE-01 – Comparative Analysis of Water Consumption Forecasting Methods in Small Urban Areas</b>  <i>Sebastián Saltos Meléndez, Fernando Castro Carrera</i>	<b>ENR-01 – Unlocking Energy Transition: LCOE Values for Techno-Economic Scenarios</b>  <i>Po Chun Lee</i>
2	<b>CSA-03 – Methodological Guide for Job Safety Analysis in Construction Projects Based on NTP 330</b>  <i>Jorge Alexander Bucheli García, Mario Gabriel León Torres, Wilma Karina Barnuevo Jarrin, Samantha Nicole Muñoz Morales</i>	<b>WRE-02 – Forecasting Water Consumption from Administrative Records as a Driver for Estimating Spatial Population Distribution</b>  <i>Elena Gabriela Chicaiza Mora, Xavier Eduardo Buenanio Guerra, Mauricio Marín Echeverría</i>	<b>PND-16 – Beyond Oil and Bananas: Industrial Policy for Export Diversification and Added Value Creation in Ecuador</b>  <i>Po Chun Lee</i>
3	<b>CSA-02 – Risk Assessment of a Cable Car Project, Preliminary Study Phase</b>  <i>Pavlov Cáceres, María Angélica Merizalde</i>	<b>WRE-03 – Evaluation of High-Density Polyethylene Versus Polyvinyl Chloride Pipes in Drinking Water Conveyance in Rural Areas</b>  <i>Abner Said Rodríguez, Marvin Ovidio Grádiz Cáceres, Yolanda Lizeth Fietes Ramos, José Francisco Castejón</i>	<b>PND-10 – Leadership in Electromobility: A Systematic Review of Strategies and Impacts on Global Sustainability</b>  <i>Miguel Muriel Paez</i>
4	<b>RAD-02 – Intersecting Vulnerabilities: Multidimensional Poverty Risk in a Historic Heritage</b>  <i>Diego Vázquez Díaz, Nuria Chiara Palazzi, Francisca Pimentel</i>	<b>WRE-04 – Toxicological Assessment of Tahuando River: Anthropogenic Impacts on Water Quality</b>  <i>Santiago Xavier Mafla Andrade, Diego Villegas Vásquez, Moraima Mera Aguas, Guillermo Guzmán, Jean Andrade</i>	<b>PND-11 – Belt Road Initiative, a Soft Power Strategy in Structural Engineering and Construction Around the World</b>  <i>Miguel Muriel Paez</i>
5	<b>RAD-05 – Social and Adaptive Dynamics of Those Affected by Floods Natural Hazards</b>  <i>Miguel Andrés Guerra, Daiana Proaño, Valeria Izurieta, Vanessa Guerra</i>	<b>WRE-05 – Toxicological Assessment of Fenamiphos and 1,3-Dichloropropene on Bacterial Microbiota of Yahuarcocha Lake, Ecuador</b>  <i>Santiago Xavier Mafla Andrade, Andrea Giovanna López Bautista, Moraima Mera Aguas, Paola Chávez</i>	<b>SUS-03 – Comparative Mechanical Characterization of Microsurfacing Mixtures with Distinct Aggregate Origins</b>  <i>Daniel Alejandro Chamorro, Juan Enrique Merizalde, Jaime Joan Encalada</i>
6	<b>RAD-06 – Governance and Planning: A Critical Approach to the Technologies of Government in Urban Spaces</b>  <i>Dalíseth Rojas Rendón, Alejandro Molina-Mendoza, Michelle Aguirre Acuña</i>	<b>ENV-02 – Biostimulation and Bioaugmentation for Amazonian Soil Remediation</b>  <i>Santiago Xavier Mafla Andrade, Estefanía Mishel Moreno Duarte, Moraima Mera Aguas, Diego Mejía, Guillermo Guzmán, Jean Andrade</i>	<b>PND-17 – Tax Compliance, Fiscal Capacity, and Urban Growth: A Three-Component Review of Income Tax Behavior</b>  <i>Lourdes Montesdeoca, Grace Tamayo, Iván Rueda</i>
7	<b>RAD-07 – GIS-Based Territorial Planning for Volcanic Risk Reduction and Urban Resilience</b>  <i>Guillermo Guzmán, Alexandra Ortiz</i>	<b>ENV-01 – QSAR-Guided Design of Sustainable Corrosion Inhibitors for Reinforced Concrete in Coastal Infrastructure</b>  <i>Rolando Calero, Gerardo Herrera</i>	<b>PND-18 – Intergenerational Dynamics and Development: One and a Half Century of Changes</b>  <i>Lourdes Montesdeoca, Margarita Velín-Fárez</i>
8	<b>RAD-08 – Training and Supervision as Cornerstones of Occupational Risk Management Audits: Toward a Preventive Organizational Culture</b>  <i>Grace Natalie Tamayo, Iván Alejandro Rueda, Lourdes Montesdeoca</i>	<b>WRE-06 – Water Quality Assessment of the Tahuando River: Temporal Analysis</b>  <i>Moraima Mera, Diego Mejía, Santiago Mafla, Guillermo Guzmán</i>	<b>SUS-02 – Vegetation Cover Transformation: A Case of Multitemporal Analysis</b>  <i>Daniel A. Puga-Hermosa, Caridad González-Maldonado</i>

**Tea Break: 16:00 - 16:30 (Conference Lounge [Room 302-303] / Architecture Coworking Space)**



**Wednesday – March 25, 2026**

**Registration & Coffee**

08:00 - 16:00

**Registration**

(The registration desk will be open during conference hours)

**MAIN HALL**

**PUCE – Tower 1 (TORRE 1)**

IT Staff: Sebastián Bautista

08:00 - 09:00

**Registration**

Tea and Coffee Available

**Opening Session**

09:00 - 9:30

**Conference Briefings & Opening Session**

**Keynote Speaker II**

*Alfredo Santillán, FLACSO*

**AUDITORIUM**

**FHIC – Architecture (Arquitectura, Diseño y Artes)**

**BREAKOUT ROOM 1**

<https://us02web.zoom.us/j/3666822714?pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LViwUT09>

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IT Staff: Doménica, Gabriel, Nicolás, Sebastián

**Break: 9:30 - 10:00**



**Technical Session III – Wednesday, March 25, 2026, 10:00 - 12:00**

**Location: Tower 1 (TORRE 1)**

	<b>TECHNICAL SESSION III-A</b> <b>AUDITORIUM 2</b> <b>Housing, Territory, and Social Transformation</b>	<b>TECHNICAL SESSION III-B</b> <b>AUDITORIUM 3</b> <b>Sustainability, Environment, and Materials</b>	<b>TECHNICAL SESSION III-C</b> <b>AUDITORIUM 4</b> <b>Education and Professional Ethics</b>
	Moderators: Juan Carlos González, Andrea Benavides IT Staff: Nicolás Semper <b>BREAKOUT ROOM 1</b>	Moderators: Abner Said Rodríguez, José Miguel Carranco IT Staff: Doménica Sandoval <b>BREAKOUT ROOM 2</b>	Moderators: Juan Enrique Merizalde, Gilda Paulina Palacios IT Staff: Gabriel Paredes <b>BREAKOUT ROOM 3</b>
1	<b>HOS-01 – Trajectories of Self-Organization in Forced Migrant Settlements: Housing and Hybrid Territorialization in the Periurban Borders</b> <i>Camilo Molina Bolívar, Carla Celi Medina</i>	<b>PND-19 – Beyond the Crisis: Oaxaca–Blinder Evidence of Gendered Impacts in the Informal Markets of Quito, Case Study</b> <i>Lourdes Montesdeoca, Nancy Medina, Xiomara Barragán, Tania Viñamagua</i>	<b>EPE-12 – Integrating Material Research into Higher Education: A Case Study with Cacao Husk-Based Biocomposites</b> <i>Andrés Basantes, Jorge Albuja-Sánchez, Xavier Medina, Augusto Oviedo</i>
2	<b>HOS-04 – Beyond Formal Housing: Urban Peripheries and Territorial Practices</b> <i>Camilo Molina Bolívar, José Villarreal-Velásquez, Carla Celi Medina</i>	<b>ENR-02 – Half a Century of Energy Subsidies: Policy Trajectories and Lessons Learned</b> <i>Lourdes Montesdeoca</i>	<b>EPE-05 – Study and Evaluation Method of Aesthetics in Informal Construction</b> <i>Julio Oleas Rueda, Nataly Revelo Morales</i>
3	<b>HOS-06 – Access to Decent Housing for People in Human Mobility: Case Study</b> <i>Zaira Novoa Rodríguez</i>	<b>SUS-04 – Totorá as a Sustainable Material in Parametric Architectural Design</b> <i>Sandra Hipatia Núñez, Eliska Fuentes, Claudia Rafaela Balseca, Diego Esteban Llanganate</i>	<b>EPE-08 – The Global Imaginary Architecture from Fiske's Stereotype Model</b> <i>Néstor Llorca Vega, Verónica Rosero Añazco</i>
4	<b>AAE-06 – Architecture and Kichwa Habitats: Toward a Sustainable Housing Typology</b> <i>Karina Alexandra Chérrez, Leonardo Francisco Coloma</i>	<b>SUS-09 – Sustainable Design of Multistory Hospitality Buildings – Multiple Case Study</b> <i>Ignacio Guerra P., Miguel Andrés Guerra, Gabriel Vasco, Nicole Jaramillo, Matías Miranda, María Revelo</i>	<b>EPE-11 – Guidelines for Service-Learning Architectural Training Using Neuroscience and Motivation to Reduce Economic Disparity</b> <i>Enrique Villacis, Diana Herrera, Cynthia Ayarza</i>
5	<b>SUS-06 – Beyond Object-Landscape Dichotomies: A Design Framework for Sustainable Building Practices in Ravine Ecosystems</b> <i>David Cachott Baldeón, Enrique Ferreras Cid, Verónica Vaca Proaño, Néstor Llorca Vega</i> <b>ONLINE PRESENTATION</b>	<b>SUS-10 – Multiple Case Study of Sustainable Design Strategies in Educational Buildings</b> <i>Ignacio Guerra P., Miguel Andrés Guerra, Nic Loza, Melanie López, Cristina Sulca</i>	<b>AAE-03 – Guidelines for Assessing Architectural Appropriation in Redefining Perceptions of Economic Disparity</b> <i>Enrique Villacis, Diana Herrera, Cynthia Ayarza, María Paz Pavón, Camila García, Milenka Rivas</i>
6	<b>OTH-07 – Safe Cities Free of Gender-Based Violence as an Integral Part of Security Policies</b> <i>Roxana Arroyo</i>	<b>SUS-11 – Comparative Analysis of EEQ Tool and LEED for Sustainable Buildings</b> <i>Félix Males, Miguel Andrés Guerra, Ignacio Guerra P., Arianna Arias</i>	<b>EPE-15 – Indoor Environmental Quality Assessment Through Participatory Methods</b> <i>Gabriela Zapata-Lancaster, Andrea Parra-Ullauri</i>
7	<b>PND-04 – From Building to Development: Reconfiguring Spatial Production</b> <i>Juan Diego Acurio Núñez, Enrique Ferreras Cid</i>	<b>MAT-02 – Integrating SIGSE and Digital Fabrication for Prefabricated Panel Design</b> <i>Luis Menéndez-Sánchez, Stephanie Quishpe, Andrea Ruiz, Christian Vizuete</i>	<b>LDR-01 – Constitutional Tensions in Prior Consultation and Citizen Participation in Urban Infrastructure</b> <i>Alex Valle Franco, Felipe Rodríguez Estévez</i>
8	<b>LDR-09 – Avatars, the Transition from Representative to Digital Deliberative Democracy: Towards an “Isoavatarmy”</b> <i>Diego Alejandro Morales</i>		<b>LDR-08 – Who Gets to Be Protected? Urban Planning, Territorial Control and the Politics of Security</b> <i>Alex Valle Franco, Felipe Rodríguez Estévez</i>

**Lunch Break: 12:00 - 13:30 (Conference Lounge [Room 302-303] / Architecture Coworking Space)**



**Technical Session IV – Wednesday, March 25, 2026, 13:30 - 15:30**

**Location: Tower 1 (TORRE 1)**

	<b>TECHNICAL SESSION IV-A</b> <b>AUDITORIUM 2</b> <b>Policies for National Development</b>	<b>TECHNICAL SESSION IV-B</b> <b>AUDITORIUM 3</b> <b>Architecture and Architectural Engineering</b>	<b>TECHNICAL SESSION IV-C</b> <b>AUDITORIUM 4</b> <b>Cost and Project Management</b>
	Moderators: Miguel Andrés Guerra, Alex Valle Franco IT Staff: Nicolás Semper <b>BREAKOUT ROOM 1</b>	Moderators: Enrique Ferreras Cid, Andrés Basantes IT Staff: Doménica Sandoval <b>BREAKOUT ROOM 2</b>	Moderators: Néstor Llorca, Salvatore Russo IT Staff: Gabriel Paredes <b>BREAKOUT ROOM 3</b>
1	<b>PND-01 – Measuring Multidimensional Integration in Periurban Settlements: A Local Index for Inclusive Urban Policy</b> <i>Camilo Molina Bolívar, Carla Celi Medina</i>	<b>AAE-01 – Reduction of Pathologies in Concrete Elements (Beams and Columns) in a Quality-Oriented Housing Project</b> <i>Pavlov Caceres</i>	<b>EPE-01 – Survey on the Future of Education: Perspectives from Students and Teachers in the AI Age</b> <i>Mohsen Abbasi, André Moisés Lozada Ponciano, Diego Alexis Tipán Zambrano, Mario Fernando Albuja Ávila</i>
2	<b>PND-13 – Cross-Border Territorial Planning and Integration: Rethinking Development from the Margins</b> <i>Camilo Molina Bolívar, Carla Celi Medina, Daniel Pontón-Cevallos, Lida Buitrago Campos</i>	<b>AAE-07 – Structural and Architectural Design of Modular Shelters at Manuel Bonilla School</b> <i>Figmy Eduardo Kattum, Ada S. Rodriguez</i> <b>ONLINE PRESENTATION</b>	<b>EPE-03 – Hygrothermal Evaluation of Traditional and Modified Mortars: Monitoring with Data Loggers Under Climatic Variations</b> <i>Caridad González-Maldonado, Daniel A. Puga-Hermosa</i>
3	<b>PND-14 – Frontier Urbanization and the Territorial Fault Lines of National Planning and Governance</b> <i>Camilo Molina Bolívar, Carla Celi Medina, Diego Martínez Godoy</i>	<b>AAE-10 – Sociocultural Impacts of Immediacy-Driven Renovation and an Experimentally-Grounded Renovation as an Alternative</b> <i>María Lorena Rodríguez, Enrique Villacis Tapia, Cynthia Ayarza</i>	<b>EPE-19 – Learning by Doing: The Design Build Methodology as a Pedagogical Strategy in Architectural Education</b> <i>Andrea Jaramillo Benavides, Jorge Andrade Benítez, Morelia Estupiñán, Esperanza Muñoz</i>
4	<b>LDR-03 – Peace Barometer Based on the Fulfillment of Fundamental Needs from an Intercultural Perspective</b> <i>Gualdemar Stefan Jiménez Pontón, Jhonny Jiménez Jiménez, María Paula Ortiz, Ángela de las Mercedes Tello, Caterina Tuci, Patricio Rivas Herrera</i>	<b>AAE-12 – Near-Infrared Reflectance Spectroscopy as a Diagnostic Tool in Vertical Gardens: A Case Study</b> <i>Luis José Borrero González, Jesús González-Laprea, Michael Maks Davis, Lizeth Lozano, René Francisco Ramírez</i>	<b>EPE-21 – Design-Build as a Pedagogical Strategy in Architecture: Vernacular Practice Teaching for Sustainable Education</b> <i>Guillermo Guzmán, Jorge Andrade</i>
5	<b>PND-12 – Risk Governance and Risk Society: History, Ecological Context, and Global Modernity</b> <i>Dalíseth Rojas Rendón, Alejandro Molina-Mendoza, Michelle Aguirre Acuña</i>	<b>AAE-14 – Form-Structure Interactions in a Morphogenetic Building: A Computational Approach to Architectural and Structural Integration</b> <i>Leonardo Francisco Coloma, Karina Alexandra Cherrez, Jimmy Paul Rodríguez</i>	<b>CPM-03 – Influence of the International Roughness Index on Cost-Benefit Analysis of Road Projects</b> <i>Juan Enrique Merizalde, Marco Antonio Zamora, María de los Ángeles Barrionuevo</i>
6	<b>OTH-10 – Inclusive Bibliographic and Urban Systems for Visually Impaired Students in Higher Education</b> <i>Gilda Paulina Palacios Herrera</i>	<b>AAE-02 – Designing a Deployable Formwork for Geodesic Hemispherical Domes</b> <i>César Gabriel Ferro, María Mercedes Andrade</i>	<b>CPM-02 – Comparison of “S” Curve Approximations Using Logistic and Compertz Models in Road Projects</b> <i>Diego Sebastián Hidalgo Solís, Juan Enrique Merizalde Aguirre, Juan Carlos Osorio López</i>
7	<b>PND-07 – Sustainable Architecture as State Policy: A Foresight Model for Urban Transformation</b> <i>Alexis José Colmenares</i>	<b>PND-02 – Morphological Coherence Analysis in Urban Renewal Areas: The Case of Metro-Quitumbe Urban Planning Unit</b> <i>María Mercedes Andrade, César Gabriel Ferro</i>	<b>CPM-07 – Focusing on Delay Factors in Construction Projects: A Literature Review and Industry Insight Perspective</b> <i>Aynur Hüriyet Türkyılmaz, Gul Polat, Aslı Pelin Gürgün</i> <b>ONLINE PRESENTATION</b>
8		<b>AAE-11 – Analysis of Construction Systems Course Through a Neuro Science Education Perspective</b> <i>María Lorena Rodríguez, Enrique Villacis Tapia, Cynthia Ayarza</i>	<b>RAD-04 – Assessment of a School Exposed to Cotopaxi Volcanic Hazard</b> <i>Verónica Arellano, Doménica Merizalde, Nicolás Gaona, Mauricio Cely, Jorge Bucheli</i>



**PUCE**

Closing Session		
15:45 – 17:00	<b>University Farewell: PUCE</b> <i>Jorge Albuja, Dean of FHIC, PUCE</i>	<p style="text-align: center;"><b>AUDITORIUM</b></p> <p style="text-align: center;"><b>FHIC– Architecture (Arquitectura, Diseño y Artes)</b></p> <p style="text-align: center;"><b>BREAKOUT ROOM 1</b></p> <p style="text-align: center;"><a href="https://us02web.zoom.us/j/3666822714?pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LVlswUT09">https://us02web.zoom.us/j/3666822714?pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LVlswUT09</a></p> <p style="text-align: center;"><b>PMI: 366 682 2714      Passcode: 142731</b></p> <p style="text-align: center;">IT Staff: Doménica, Gabriel, Nicolás, Sebastián</p>
	<b>Best Presentation Awards</b> <b>Presented by:</b> <i>María de los Ángeles Barrionuevo, Vicerectorate IVI</i> <i>Cesar Ferro, FHIC Architecture Coordinator</i>	
	<b>Closing Remarks</b> <i>Enrique Villacís, Conference Chair</i>	
	<b>Closing Performance: Andes Dance</b>	
	<b>Announcement of LATAM SEC 2028</b>	

**Wednesday – March 25, 2026**

18:30 - 21:00	<b>Dinner Banquet: Pim's</b> <b>Price:</b> US \$95 <b>Includes:</b> Transportation <b>Meeting Point:</b> PUCE Main Entrance Gate	
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**Thursday – March 26, 2026**

08:00 - 13:00	<b>Technical Tour: Visit to the Quito Metro Facilities</b> <b>Price:</b> US \$50 <b>Duration:</b> 5 Hours <b>Includes:</b> Bus transportation, Metro fare, Bilingual guide (English–Spanish), Snacks, and Soft drinks. <b>Meeting Point:</b> PUCE Main Entrance Gate	
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**Friday – March 27, 2026**

08:00 - 13:00	<b>Cultural Tour: Quito Sightseeing and Cable Car</b> <b>Price:</b> US \$75 <b>Duration:</b> 5 Hours <b>Includes:</b> Bus transportation, Guide, Snacks, Santo Domingo Church Entry Fee, Cable car ticket. <b>Recommended:</b> Warm jacket or Windbreaker, sun protection, and comfortable walking shoes. <b>Meeting Point:</b> PUCE Parking Lot	
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The 2<sup>nd</sup> Latin American Structural Engineering and Construction Conference (LATAM-SEC-2026)

“Addressing Social and Environmental Challenges Through Responsible Construction Technologies”

March 23 - 27, 2026, Quito, Ecuador



## Keynote Speaker I



**Edwin Morales Díaz**  
ACCIONA - Quito METRO

**Title:**

***The Quito METRO: Construction, Operation, Maintenance, and Future Expansion***

Tuesday, **March 24**, 2026

9:30 am - 10:00 am

## Keynote Speaker II



**Alfredo Santillán Cornejo**  
FLACSO

**Title:**

***Infrastructures as Material Constructs that (Dis)Articulate Social Relations: A Social Reading of Urban Infrastructure***

Wednesday, **March 25**, 2026

9:30 am - 10:00 am



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LATAM SEC 2026  
QUITO, ECUADOR

PUCE Neighborhood





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Signs on the floor will guide you!

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