

JAM ANGULO PANIAGUA

Climate policy and stakeholder engagement

San José, Costa Rica | jamangulop@gmail.com | +506 8423 4244 | <https://www.linkedin.com/in/jamangulop/>

Jam Angulo Paniagua (he/him) is a climate and international development practitioner with +7 years of experience advancing low-carbon, climate-resilient planning and development in Latin America and the Caribbean. He has coordinated with governments, multilateral institutions, and funders to develop and implement LT-LEDS, NDCs, and climate investment analyses across mitigation and adaptation. A Fulbright Scholar with a Master's in Environmental Policy, he is fluent in English and Spanish and specializes in stakeholder engagement, project management and data-driven decision-making across sectors. He is motivated to advance transitions that support inclusive, climate-resilient prosperity.

EDUCATION

September 2021 – May 2023

M.Sc. in Science, Technology, and Environmental Policy, Hubert H. Humphrey School of Public Affairs, **University of Minnesota. Fullbright Scholar, 2021-2023.**

March 2014 – June 2018

B.Sc in Electrical Engineering, concentration in Electrical Energy and Power Systems, School of Electrical Engineering, **University of Costa Rica.**

EXPERIENCE

August 2024 – Present

Project Manager | Climate Lead Group (CLG) | San José, Costa Rica (Remote)

- Coordinated the technical development and stakeholder engagement process for the development of long-term climate strategies (LTSs), NDCs, and cost-benefit analyses of climate policies in countries including Guatemala, Jamaica, Ecuador, Honduras, and the Dominican Republic.
- Lead the development of quantitative models and analytical tools to evaluate climate change mitigation pathways, climate mitigation and adaptation policy impacts, and investment needs.
- Managed relationships with multilateral and philanthropic partners (e.g., the Inter-American Development Bank and the European Climate Foundation), government counterparts, and technical teams, supporting regular project progress and grant reporting, briefings, and strategic coordination.
- Supported internal project monitoring and cross-workstream coordination (e.g., tasks, timelines, contracts, budget) to ensure timely delivery.
- Designed and facilitated 10+ multi-stakeholder workshops and capacity-building sessions (10–150 participants), aligning technical analyses with government and stakeholder priorities.
- Supported project and grant proposal conceptualization and writing.
- Translated technical data into decision-ready insights with briefs, talking points, reports and slides.

Milestones: Project management and technical leadership in the development of Jamaica's LTS *i*) Cost-benefit analysis, *ii*) Operationalization Plan and *iii*) M&E Framework, Guatemala's NDC and two LTSs, and technical support for Honduras's LTS and NDC, the Dominican Republic's LTS and Ecuador's NDC.

June 2023 – August 2024

Research Analyst | Boston Consulting Group (BCG) | San José, Costa Rica (Hybrid)

- Conducted research and data analysis to support climate strategy and energy transition projects for public and private sector clients.
- Contributed to proposals and internal knowledge products to strengthen consulting delivery.
- Worked under tight deadlines, managing expectations and timelines amid evolving project needs.
- Developed compelling slide decks and briefings that translated technical findings into clear insights.
- Developed onboarding materials and plans, and managed junior team members.

Milestones: Built databases on climate policy and energy trends; became point of contact for climate policy in the department; supported end-to-end consulting projects; supported the delivery of webinars.

September 2021 – May 2023

Graduate Research Assistant | Center for Science, Technology and Environmental Policy (CSTEP) | Minnesota, United States (Hybrid)

- Conducted research on clean energy and its equity impacts in the United States, focusing on the impacts of community solar on household electricity costs.

Milestones: Updated a database and developed an analysis of community solar projects in the US (published on NREL's website); developed a tool to assess the financial impact of solar contracts on electricity bills.

August 2021 – December 2021

Consultant: Energy Data Analyst | United Nations Environment Programme (UNEP) | Remote

- Supported regional power-sector transition analysis for Latin America and the Caribbean through scenario modeling, emissions-impact assessment, and co-developing a technical report.

Milestones: Co-developed UNEP's: *Is Natural Gas a Good Investment for Latin America and the Caribbean?*

August 2018 – September 2021

Decarbonization researcher and modeler | Electric Power and Energy Research Laboratory (EPERLab) of the University of Costa Rica (UCR) | San José, Costa Rica (Hybrid)

- Supported national climate policy development through applied research and scenario analysis.
- Assessed emissions, economic, and social impacts of mitigation pathways to inform policy discussions and stakeholder consultation.
- Co-organized and co-facilitated multi-stakeholder national workshops and contributed to projects with multilateral institutions, including the World Bank and the Interamerican Development Bank.

Milestones: Lead modeler for the consultation process of Costa Rica's Second NDC; provided technical inputs for the development of Costa Rica's *i)* Electric Vehicle Charging Infrastructure Plan and *ii)* Energy Plan update; supported the implementation of national industrial and residential energy use surveys.

LANGUAGES AND ADDITIONAL SKILLS

Languages: Spanish (native proficiency), English (Full professional proficiency).

Data visualization and writing: Excel, Tableau, PowerPoint, Word, LaTeX.

Analytical areas and other skills: Emissions accounting, climate policy analysis, climate planning (LTS, NDC), cost-benefit analysis, stakeholder engagement, workshop facilitation, storytelling, collaborative and adaptive problem-solving, monitoring and evaluation for climate policies.

SELECTED PUBLICATIONS

IDDR (2025). [Guatemala: Pathway Towards Low-Carbon Development](#). In, A Decade of National Climate Action: Stocktake And The Road Ahead, page 169

2050 Pathways (2025). [Jamaica's Long-Term Climate Strategy: A Pathway to Prosperity and Resilience](#).

UNEP (2022). [Is Natural Gas a Good Investment for Latin America and the Caribbean?](#)

Energy Strategy Reviews (2021). [A low GHG development pathway design framework for AFOLU](#).

IDDR (2021). [Costa Rica: Climate Ambition Beyond Emission Numbers](#)

Energy Strategy Reviews (2020). [Decarbonising the transport and energy sectors: Technical feasibility and socioeconomic impacts in Costa Rica](#).

ADDITIONAL COURSES

(2025) I Know Gender 1-2-3, online course, UN Women

(2023) Results-based Project Management, online professional certificate, Inter-American Dev. Bank

SELECTED PROJECTS

May 2025 – Present

Support For the Update of Guatemala's National Climate Action Plan

- Role: Project manager and Technical Lead with Climate Lead Group
- Location: Guatemala
- Client: European Climate Foundation and Inter-American Development Bank

November 2025 – April 2026

Update Of Jamaica's Long-Term Strategy Operationalisation Plan

- Role: Project manager and Technical Lead with Climate Lead Group
- Location: Jamaica
- Client: European Climate Foundation

July 2025 – March 2026

Update Of the Technical Results of Guatemala's Nationally Determined Contribution (NDC 3.0)

- Role: Project manager and Technical Lead with Climate Lead Group
- Location: Guatemala
- Client: Inter-American Development Bank

August 2024 – Present

Benefits and Costs of Jamaica's 2050 Long-Term Emission Reduction and Climate Resilience Strategy

- Role: Project manager and Technical Lead with Climate Lead Group
- Location: Jamaica
- Client: European Climate Foundation

August 2024 – Present

Evaluating Options to Achieve Carbon Neutrality By 2050 In Guatemala Under a Scenario of Technological Uncertainty

- Role: Project manager with Climate Lead Group
- Location: Guatemala
- Client: Inter-American Development Bank

2022 – 2023

Modeling Activities Funded for the Development of a National Decarbonization Strategy in Ecuador

- Role: Analyst and Modeler, Specialist in Agriculture and LULUCF with the University of Costa Rica
- Location: Ecuador
- Client: French Development Agency

September 2021 – May 2023

Sharing The Sun: Community Solar Project

- Role: Graduate Research Assistant with the Center for Science, Technology and Environmental Policy of the University of Minnesota
- Location: United States
- Client: National Laboratory of the Rockies (formerly: National Renewable Energy Laboratory)

August 2021 – December 2021

Is Natural Gas a Good Investment for Latin America and the Caribbean?

- Role: Energy analyst (consultant)
- Location: Latin American and the Caribbean (Remote)
- Client: United Nations Environment Programme

2019 – 2021

Development And Assessment of Decarbonization Pathways to Inform Dialogue With Costa Rica Regarding the Update Process of the Nationally Determined Contribution (NDC)

- Role: Analyst and Modeler, Specialist in Climate Change Mitigation with the University of Costa Rica
- Location: Costa Rica
- Client: World Bank