

Laura Daniela Espinosa | Fire Investigator

Bogotá, Colombia

*+57 311-686-2341
laura.espinosa@efiglobal.com*

Professional Summary:

Laura Espinosa is a certified Fire Investigation Technician (IAAI-FIT®) and a registered professional engineer in Colombia, with specialized training in origin-and-cause fire investigation under the NFPA 921 methodology. She has six years of experience as a retired volunteer firefighter, with expertise in training, inspection, and testing of water-based fire protection systems; rescue; integrated fire and hazardous materials emergency management; first aid and life support; coordination of the Hazardous Materials Response Team; and as a water rescue team member. She additionally brings four years of professional experience as an environmental engineer and holds a master's degree in Disaster Risk Management and Climate Governance.

As a fire investigator for EFI Global Colombia, Laura leads and supports fire investigations across Colombia and Latin America, and additionally assists the environmental due diligence team.

Areas of Expertise

- Fire investigation (origin and cause – NFPA 921)
- Inspection and testing of water-based fire protection systems
- Firefighting
- Environmental due diligence
- Disaster risk management

Licenses and Certifications:

Registered Environmental Engineer in Colombia, #061021-0574441 CAU

Fire Investigation Technician IAAI-FIT®

Professional Experience:

EFI Global – Fire investigator and environmental analyst, 2022 – Present

Ambipar Response Latam – Commercial executive, training branch, 2021—2022

Specialized Education:

Certificate as Fire Investigation Technician, International Association of Arson Investigators IAAI-FIT, 2025.

Specialized course in forensic fire investigation, Isabel I University, Burgos, Spain, 2023.

VII Conference of Arson Investigators, Guatemala 2024. Chapter 79 – IAAI.

Fundamentals of fire investigation. IAAI, Buenos Aires, Argentina, November 2022.

Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems under NFPA 20 – 25, ERTS-EQUIMISEG, Bogota, Colombia, 2018.

Firefighting Level I-II, Popayán Volunteer Fire Department, November 2016.

Education:

Masters Degree, Alfonso X El Sabio University, 2023, Disaster risk management and climate governance

Bachelors Degree, University of Cauca, 2021, Environmental Engineering

Affiliations:

International Association of Arson Investigators (IAAI)

Hispanic American Chapter (79) IAAI

National Professional Council of Engineering (COPNIA, spa)

Publications and Presentations:

Invited National Speaker, Diploma in Fire Investigation for Women | Bogotá Fire Department, 2026

Beyond PPE: Addressing the Real Safety Challenges in Fire Investigation, Continuing Education Program | IAAI Chapter 79, 2025

The Race Against Time: Early Fire Investigation for Insurers, Business Outreach Activity | EFI Colombia, 2025

Brigade Trainer | Equidad de Seguros, 2016-2020

Trainer of External Brigades and Firefighters in Fire Extinguisher Handling, Evacuation, First Aid, and Hazardous Materials Incident Response | Popayán Volunteer Fire Department, 2016-2020