

Laura Espinosa | Environmental Analyst, Colombia, MEng.

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Laura.Espinosa@efiglobal.com

Professional Summary:

Ms. Espinosa has six years of experience as a Volunteer Firefighter with expertise in training, inspection and testing of water-based fire protection systems, rescue, comprehensive management of fires and emergencies with hazardous materials, first aid and life support, co-coordinator of the HazMat response group, and member of the aquatic rescue group. She has 1+ years of professional experience as an Environmental Engineer with education in disaster risk management and air quality. Ms. Espinosa holds a master's degree in Disaster Risk Management and Climate Governance. Ms. Espinosa is a registered Professional Engineer in Colombia.

As Environmental Analyst for EFI Global Colombia, Laura will provide support to the Due Diligence team and support in fire investigations in Colombia and Latin America.

Areas of Expertise:

- Firefighting
- Inspection and Testing of Water-Based Fire Protection Systems
- Disaster Risk Management
- Fire Investigation

Licenses and Certifications:

Registered Engineer in Colombia, #061021-0574441 CAU (Environmental Engineer)

Project Experience:

Disaster Risk Management:

Documentary review on the applicability of Geographic Information Systems (GIS) in technological risk management, 2022.

Development of a conceptual model for the structuring of an information system within the framework of disaster risk management with emphasis on technological risk in the urban area of the municipality of Popayan, 2019 – 2021.

Professional Experience:

EFI Global | Colombia. Environmental Analyst, August 2022 – present.

Ambipar Response | Colombia. Training Business Executive, December 2021 – April 2022.

Popayan Volunteer Fire Department. Trainer and Volunteer Firefighter, 2016 – 2022.

Education:

Specialization Course in Forensic Fire Investigation, Isabel I de Castilla International University, Burgos, Spain, January 2023.

Specialization Course in Forensic Fire Investigation, ESSIIF, Sevilla, Spain, January 2023.

Fundamentals of Fire Investigation. IAAI, Buenos Aires, Argentina, November 2022.

MEng. Disaster Risk Management and Climate Governance. Alfonso X El Sabio University, Madrid, Spain, 2022.

B.Eng., Environmental Engineering, Universidad del Cauca, Popayan, Colombia, 2021.

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

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

Affiliations:

International Association of Arson Investigators (IAAI)

Consejo Colombiano de Seguridad (CCS)

Consejo Profesional Nacional de Ingeniería (COPNIA)