

Alfonso Rolando Rodríguez Pinilla

Position in company	Associate
Education	<ul style="list-style-type: none">• Msc Soils and Environmental Pollution, University of Reading, England, 2013• Postgraduate Course, Occupational Hygiene and Safety. Bosque University, Bogota, Colombia, 2006.• BSc (hons) Chemical Engineering, America University, Bogota, Colombia, 1997.
Qualification Courses	<ul style="list-style-type: none">• Safety and Chemical Engineering Education Aiche - Hazard Identification - Identifying and Minimizing Process Safety Hazards - An Introduction to Managing Process Safety Hazards. 2018• National Diploma in Occupational Health and Safety Unit B, NEBOSH, UK 2011• Prevention of risks in the construction sector, INSHT, 2010.• Outreach Training program in General Industry, OSHA, USA, 2010.• Train The Trainer on Safety in Underground Coal Mines, NIOSH, USA, 2009.
Key areas of expertise	<ul style="list-style-type: none">• Identification and evaluation of contaminated Sites.• Environmental management, soil remediation and risk assessment.• Hazardous waste management, stabilization and incineration.• Occupational health and safety in oil and gas sector.• Internal auditor management systems ISO 9001, ISO 14001 and OHSAS 18001.
Key professional experience	<p>Coordinated the Toxic Site Investigation Program (TSIP) in Colombia for at least 50 investigations of contaminated sites. Including heavy metals and organic contaminants analysis in mining and industrial areas.</p> <p>Life cycle assessment and carbon footprint for a biochar remediation technology</p> <p>HSEQ Advisor for many companies and promotion of soil remediation in mining projects in Colombia with biochar to immobilization of mercury and other innovative technologies of soil and water remediation.</p> <p>Developed of safety process and national guides for local remediation.</p> <p>Involvement in the development of national standards in Colombia for safety and health. Provision of technical support and assessment to the members in occupational health, safety and environmental protection management systems.</p> <p>Member of the national oil and gas committee, national commissions of occupational health of the government of Colombia and national standardization committees to develop new regulations in health and safety.</p> <p>Development the HSE management system in several companies in Colombia. Provision of trainer to customers in the treatments and hazardous waste management.</p> <p>Measurement and control of 2,4-Diisocyanate toluene (2,4TDI) from production of polyurethane in Bogota, Colombia.</p> <p>Design and development of software for managing the data in occupational health and safety based in OHSAS 18001 standard.</p> <p>Lecturing on Waste Management and Safety on Petroleum and Chemical Engineering program of the America University, Bogota, Colombia.</p>

Previous Employment

2014 - Present: R3 Environmental Technology Colombia SAS
2016 - Present: Pure Earth – Colombia Director
2015 – Present: Sabana University – Associate Teacher
2011 – 2014: Independent consultant
2008 - 2011: Technical Manager, Colombian Safety Council, Bogota, Colombia.
2007 - 2008: HSE Manager, ProSarc SA ESP, Bogota, Colombia
1999 - 2006: Project manager / Support engineer, Sapiens Ltda, Bogota, Colombia.

Publications

Rodriguez A, Lemos D, Trujillo YT, Amaya JG, Ramos LD. Effectiveness of Biochar obtained from corncob for immobilization of lead in contaminated soil. J Health Pollut. 2019 Jul 23;9(23):190907. doi: 10.5696/2156-9614-9.23.190907. eCollection 2019 Sep.

Arias Espana, Rodriguez Pinilla, Bardos Paul, Naidu. Contaminated land in Colombia: A critical review of current status and future approach for the management of contaminated sites. Sci Total Environ. 2018 Mar 15;618:199-209. doi: 10.1016/j.scitotenv.2017.10.245.

Erika Rizzo, Paul Bardos, Lisa Pizzo, Andrea Critto, Elisa Giubilato, Antonio Marcomini, Claudio Albano, Dominique Darmend, Gernot Döberl, Melissa Harclero, Nicola Harries, Paul Nathanai, Carlos Pachon, Alfonso Rodriguez, Hans Slenders GarrySmithq. Comparison of international approaches to sustainable remediation. Journal of Environmental Management. S0301-4797(16)30499-6. <https://doi.org/10.1016/j.jenvman.2016.07.062>

Rodríguez, Alfonso. Risk Analysis of People Exposed to Contaminated Soils. 20th WEEK OF OCCUPATIONAL HEALTH - Medellín, Colombia – November. 2014

Rodríguez, Alfonso. Safe Work Guide with Dangerous Energies Part 2. Publication The new Supervisor. Colombian Security Council Vol.11 / No. 63 / May - June 2014 / ISSN 2322-6846

Rodríguez, Alfonso. Energy Safe Work Guide Part 1. Publication The new Supervisor. Colombian Security Council Vol.11 / No. 62 / March – April 2014 / ISSN 2322-6846

Rodríguez, Alfonso. Excavations Safe Work Guide Part 2. The new Supervisor. Colombian Security Council Vol.10 / No. 58 / July – August 2013 / ISSN 2322-6846

Rodríguez, Alfonso. Excavations Safe Work Guide Part 1. The new Supervisor. Colombian Security Council Vol.10 / No. 57 / May - June 2013 / ISSN 2322-6846

Rodríguez, Alfonso. Safe work guide in Hot Part 2. Publication The new Supervisor. Colombian Security Council Vol.10 / No. 56 / March - April 2013 / ISSN 2322-6846

Rodríguez, Alfonso. Safe work guide in Hot Part 1. Publication The new Supervisor. Colombian Security Council Vol.10 / No. 55 / January - February 2013 / ISSN 2322-6846

Rodríguez, Alfonso. Safe work guide in Confined Spaces Part 2. Publication The new Supervisor. Colombian Security Council Vol.9 / No. 53 / November - December 2012 / ISSN 2322-6846

Rodríguez, Alfonso. Safe work guide in Confined Spaces Part 1. Publication The new Supervisor. Colombian Security Council Vol.9 / No. 53 / September - October 2012 / ISSN 2322-6846