

HAMAD AL-RUWAILI

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Professional Objective

Environmental and Sustainability Engineer with a Master's in Smart and Sustainable Cities. Possesses strong knowledge in envision, LEED, WELL, Mostadam, and Environmental Impact Assessment methodologies. Experienced in green construction practices, smart city planning, and environmental compliance. Seeking impactful roles where I can contribute to sustainable development, drive resource efficiency, and promote innovative environmental solutions.

Key Skills and Areas of Expertise

Sustainable Development Strategies	Environmental Impact Assessment	Project Management & Reporting
LEED, MOSTADAM Certifications	Smart Cities & Urban Planning	IoT Applications in Sustainability
Waste Management & Resources	Renewable Energy System	Environmental Regulations Compliance

Professional Experience

Environmental and Sustainability Engineer

Freyssinet Saudi Arabia (MISK Project)

Mar 2025 – Present

- Promote environmental awareness by fostering a culture of sustainability within the organization.
- Conduct environmental impact assessments evaluating air, water, soil, noise, wildlife, and ecosystems.
- Design and deliver training, workshops, and public presentations on sustainability.
- Execute waste management and recycling strategies to reduce environmental impact.
- Ensure compliance with environmental regulations and best practices.
- Contribute to MISK Project (Riyadh) targeting LEED Gold, LEED Silver and WELL certifications.
- Erosion & sedimentation control, Construction waste management, and indoor air quality.

Civil Engineer/ Sustainability- NON contract

National Housing Company

Aug 2022 – Jan 2024

- sport boulevard project targeting Mostadam certifications, residential projects.
- Managed construction and quality inspection of villa projects, including foundation, HVAC, electrical, and plumbing systems.
- Supervised multiple aspects of reinforced concrete works and facade installations.
- Delivered end-to-end project management from design through to execution and final inspection.

Civil Engineer

Salini Impregilo S.P.A Saudi Branch (SANG Project)

Dec 2018 – Aug 2022

- Led production operations ensuring adherence to safety and quality standards.
- Created functional schedules and implemented improved production strategies.
- Managed requisitions and resolved issues related to non-conforming materials.
- Facilitated training for effective team performance and formworks management.
- Designed critical lift plan for boundary walls for more than 5300 villas. Concrete quality control.
- Reduced concrete waste and improved resource efficiency.
- Daily and annual reports.

Education

Master of Smart & Sustainable Cities – King Fahd University of Petroleum and Minerals, KSA (Sep 2023)

Bachelor of Science in Civil Engineering – Murray State University, United States (May 2018)

Certifications and Professional Development

- LEED Green Associate (2024)
- Mostadam AP (2020)
- Environmental Impact Assessment (2024)
- PMP Certification (2021)
- OSHA 45-Hour Safety Training
- Certified Construction Implementation Quality (2020)
- Certified Existing Buildings Inspection (2020)
- Sustainability as an Innovation Opportunity (2024)

Technical Tools: Microsoft Office, AutoCAD, Revit

Languages & Affiliations: Arabic (Native), English (Fluent) • Classified as a Civil Engineer by the Saudi Council of Engineers (2018)