

Osama A. A. Ismail, PhD

REnvP, PMP, LEED Rater

Holding Premium Residency

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PROFILE SUMMARY

Results-driven sustainability and environmental professional with over 15 years of multidisciplinary experience in leading giga and national projects aligned with Saudi Vision 2030, including Qiddiya, NEOM, AMAALA, and the Red Sea. Holds a PhD in Environmental Science and a full suite of international certifications, including LEED AP, PMP, GRI, ESG, Mostadam, and Harvard's Sustainable Business Strategy.

Currently serving as Senior Sustainability Manager at Qiddiya Investment Company, leading the development and implementation of the Qiddiya Sustainability Framework (QSF), ESG policies, carbon strategies, and green building certification systems. Proven expertise in technical evaluation of consultant proposals, compliance reviews, biodiversity and water strategies, and national collaboration (e.g., NHC on Mostadam integration).

Recognized for driving low-carbon development, enhancing environmental governance, and integrating sustainability across project lifecycles. A subject matter expert and key advisor on aligning masterplans with international best practices, green infrastructure, and sustainable urban planning.

EXPERIENCE

(1) **Qiddiya Investment Company | Saudi Arabia**
From October 2024 to Present

Title: Senior Sustainability Manager

Handled Projects:

- Qiddiya giga project – a multibillion SAR development part of Vision 2030, focused on entertainment, culture, and sustainability leadership.

Key Responsibilities

- ✚ Lead the sustainability planning and design review for Qiddiya’s masterplan and assets in alignment with Qiddiya Sustainability Framework (QSF).
- ✚ Conduct detailed technical reviews of consultant sustainability submissions, including management plans, carbon strategy, LEED/Mostadam certification compliance, biodiversity, water, and circularity topics.
- ✚ Develop and update Qiddiya-wide sustainability policies, including ESG, carbon neutrality, green building standards, and climate risk mitigation strategies.
- ✚ Coordinate with internal departments and external consultants to ensure sustainability is embedded across the lifecycle of the assets.
- ✚ Represent Qiddiya in strategic collaborations with national entities such as the National Housing Company (NHC) to implement Mostadam certification.
- ✚ Lead procurement technical evaluations for sustainability consultants, with responsibilities including scoring, gap identification, and reporting to executive leadership.
- ✚ Conduct regular sustainability reporting to support strategic decision-making and performance tracking across all development phases
- ✚

(2) BEC Arabia | Saudi Arabia

From March 2023 to September 2024

Title: Sustainability & Environmental Corporate Manager

Handled Projects:

- An 840,000m² luxury island yacht clubbing destination with world-class amenities, with a value of SAR 3.2 Billion – NEOM

- Sindalah Island – Clusters 3, 4 & 6 (Marriot Ultra-Luxury Resort)
- A mixed-use security facility development of Saudi Arabia’s Ministry of Interior comprising of 4 Security Camps and 2 Medical Centers, with a value of SAR 3.2 Billion – King Abdullah Ibn Abdulaziz Project (KAP2)
- An exquisite luxury and wellness masterplan tourism destination that comprises 12,350 units in 42 staff building accommodations and 26 ancillary and amenities, with a value of SAR 1.5 Billion – Amaala Staff Village – Red Sea Global Development

Key Responsibilities

- ✚ Provide expert guidance to internal teams and external partners on sustainability and environmental best practices and requirements
- ✚ Develop, implement, and manage sustainability building certification programs ensuring alignment with stringent environmental standards and regulations
- ✚ Ensure full compliance with legal and ethical requirements throughout the project’s activities
- ✚ Collaborate with diverse departments and stakeholders to integrate sustainability and environmental principles into operational processes
- ✚ Monitor and report on the progress of sustainability certification programs and deliver comprehensive updates to the Director of Sustainability and key stakeholders
- ✚ Lead interdisciplinary projects, leveraging deep expertise in sustainability certifications to drive innovative solutions
- ✚ Design and conduct training programs on sustainability certifications empowering both internal staff and external collaborators
- ✚ Deliver comprehensive workforce training aligned with project specifications and conduct regular self-assurance audits to uphold environmental integrity
- ✚ Supervise the project design and construction of green building rating system’s (LEED and Mostadam) requirements including the submission packages
- ✚ Conduct rigorous analysis and audits of site activities focusing on waste reduction and implement robust waste management and pollution control strategies

- ✚ Oversee the development, review, and enforcement of Construction Environmental and Social Management Plans (CESMP) and ensure effective environmental mitigation strategies
- ✚ Prepare Environmental and Social Impact Assessments (ESIA) and Construction Environmental and Social Management Plans (CESMP) to meet stringent governmental and client requirements
- ✚ Align client environmental plans and approval systems with IFC performance standards and global best practices while fostering sustainable project outcomes
- ✚ Provide strategic management support to identify, address, and prevent instances of environmental non-compliance
- ✚ Spearhead comprehensive corporate sustainability reporting emphasizing on the evaluations of Environmental, Social, and Governance (ESG) performance
- ✚ Conduct in-depth analysis of organizational ESG performance by identifying key risks and opportunities to enhance environmental stewardship
- ✚ Optimize project practices to enhance profitability through waste reduction, carbon footprint minimization, and operational efficiency improvements, while maintaining rigorous sustainability standards
- ✚ Implement strategic eco-friendly initiatives within the corporate strategy and effectively communicating changes to HR managers, colleagues, subcontractors, and stakeholders

(3) **Assystem Consulting | Saudi Arabia**

From March 2022 to February 2023

Title: Senior Consultant, Sustainability and Environmental

Handled Projects:

- A Screening & Appraisal Project commissioned by the Red Sea Development Company (TRSDC), a government-owned entity under the Public Investment Fund (PIF), "RSG Cluster Islands, 87 Islands", is a tourism development site along the west coast of Saudi Arabia.
- ESIA process and Design (LEED) Gold certification accreditation for a hospital project located in RSG Coastal Village Hospital with a built-up area of 20,849 m² and 80-bed facility

(4) APLUS K.S.A. | Saudi Arabia

From September 2012 to February 2022

Title: Senior Consultant, Sustainability and Environmental

Handled Projects:

- Shurayrah Excavation Earthworks, a major development within the Red Sea Project led by the Red Sea Development Company, aimed to establish luxury accommodations, recreational facilities, and serve as a central hub island supporting smaller surrounding islands
- AMAALA Triple Bay Earthworks Phase 1 (Marina), part of the prestigious AMAALA Development Project on the west coast of Saudi Arabia
- Ecological Baseline Surveys of the Jabal Elloz Project, a key initiative within NEOM's development framework
- Environmental Aspects for the WCR15EA Project, "Spine Road 15EA", a temporary construction road facilitating the development of The Line, a proposed 170 km smart city within NEOM

(5) Egyptian Mineral Resources Authority | Egypt

From July 2004 to September 2012

Title: Geologist, Environmentalist

Handled Projects:

- Egyptian Mining Resources: Promoted responsible mining practices that balance economic development with environmental conservation and sustainability goals

EDUCATIONAL QUALIFICATIONS

Bachelor's Degree in Geology from Al-Azhar University, class of 2003. In 2007, he completed Master's in Ecology and Environmental Science at Al-Azhar University. In the same university, he finished PhD in Ecology and Environmental Science in 2012.

CERTIFICATIONS

- ✓ Sustainable Business Strategy, Harvard University, 2025
- ✓ Urban greenhouse gas inventory specialist, GBCI, USA, 2024.
- ✓ Project Management Professional (PMP), Project Management Institute, Pennsylvania, USA, 2024
- ✓ Registered Environmental Practitioner (00501), Society for the Environment, 2024, London, UK
- ✓ Practitioner Member, Institute of Environmental Management and Assessment (PIEMA), 2024, London, UK
- ✓ LEED Green Rater (LEED Verifier) USGBC, 2024, USA
- ✓ Mostadam AP D+C for Communities, Saudi Real Estate Institute, 2024
- ✓ Mostadam AP D+C Residential Building, Saudi Real Estate Institute, 2024
- ✓ Mostadam AP D+C for Commercial Buildings, Saudi Real Estate Institute, 2024
- ✓ GRI Certified Sustainability Professional, GRI, 2023, Netherlands
- ✓ LEED for Building Design and Construction, USGBC, 2023, USA
- ✓ Climate Change Practitioner, Association of Climate Change Officers, 2023, USA
- ✓ ESG Specialization, Corporate Finance Institute, 2023
- ✓ ISO Certification (140001 & 450001), CQI & IRCA, 2023
- ✓ True Advisor, Green Business Certification, Inc., 2022, USA
- ✓ Envision Sustainability Professional, Institute of Sustainable Infrastructure, 2022, USA
- ✓ LEED for Neighborhood Development, USGBC, 2018, USA

SCIENTIFIC PUBLICATIONS

- Paleogene Creodonts Fauna of Jebel Qatrani, Fayium, Egypt. Al Azhar Bull. Sci. Vol. 18, No.2: p 73-88.
- Creodonta Evolution in Gebel Qatrani, Fayium, Egypt. Al Azhar Bull. Sci. (AISC "08): p 13-26.

- Paleogene Primates of Gable Qatrani Fayium, Egypt. Al Azhar Bull. Sci. Vol. 22, No.1: p 105-120.
- Paleogene Hyracoids of Gabl Qatrani, Fayium, Egypt. Al Azhar Bull. Sci. Vol. 22, No.1: p 89-104.

COMPUTER / SKILLS

- GeoSystem
- ESG software
- Aconex
- Microsoft

PERSONAL

Date of Birth - December 1980
Nationality - Egyptian
Marital Status - Married
Language Skill - English, Arabic