

Middle East ecological services

A significant increase in development in the Middle East region over the previous four decades has placed mounting pressures on the environment and ecology of the region. These pressures, in association with climate change and other global impacts, have placed a renewed emphasis on the need for more environmentally conscious and sustainable development in the region.

Development projects can often be associated with a range of impacts upon ecological systems, which need to be considered as part of the design and permitting process. They do, however, also provide opportunities for ecological enhancement.

The situation

Anthesis understand the issues associated with developments in both green and brownfield areas; our ecology team has extensive experience in undertaking comprehensive baseline biodiversity investigations and detailed ecological impact assessments to identify the nature and extent of these impacts. We can help you to develop mitigation and compensation strategies to ensure that ecological impacts are avoided or reduced to within acceptable limits.

Our team can develop Ecological Impact Assessments (EclAs) in accordance with World Bank Standards and the Equator Principles. These EclAs can be seamlessly integrated into Environmental and Social Impact Assessments, (ESIAs) and our team prides itself in the ability to develop new and innovative mitigation measures for potential impacts, which originates from a detailed understanding of both the ecology of the area and the planned developments.

Overview of services

We offer a comprehensive range of ecological and associated services throughout the project lifecycle. We provide services to help with feasibility studies, design inputs, obtaining approvals and ensuring environmental compliance.

Feasibility studies

Our team can support your project in the initial planning stages, by offering services which include:

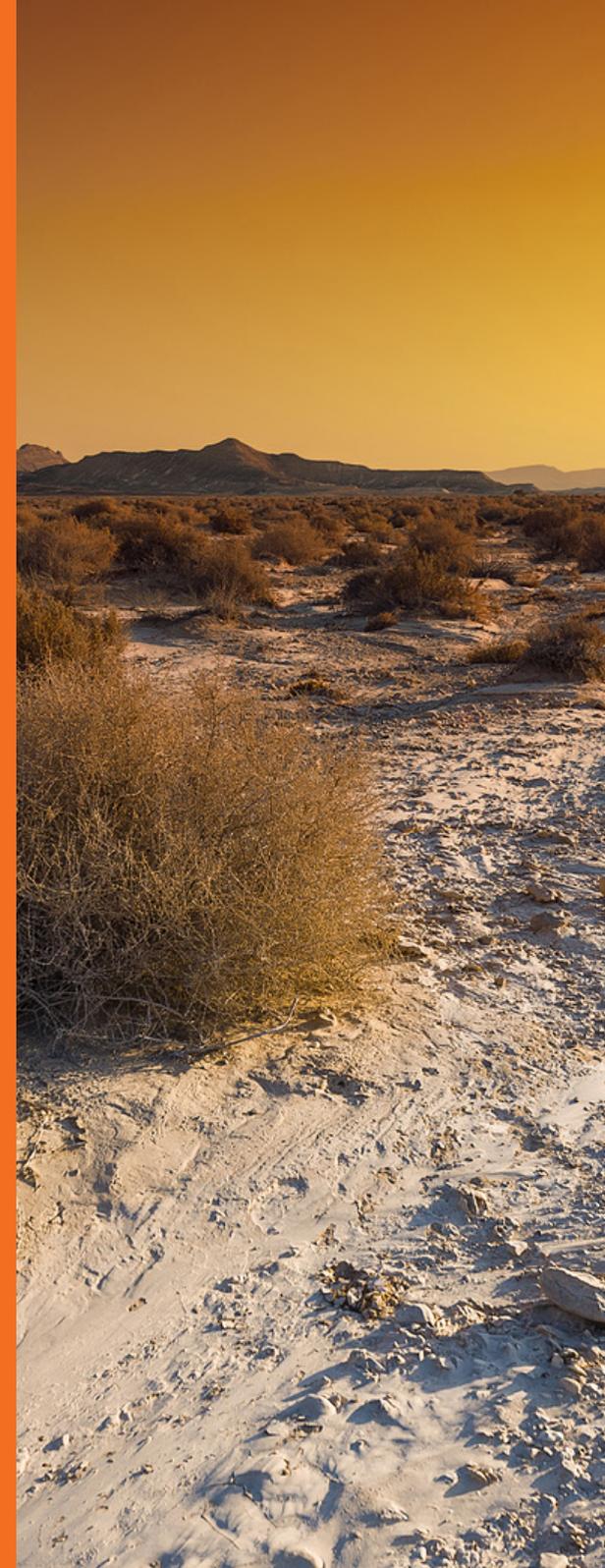
- Ecological studies for inclusion with site selection analysis
- Ecological Due Diligence (EDD) audits
- Ecological studies for inclusion within feasibility studies

Baseline biodiversity assessments and ecological impact assessments

We have the capacity to undertake detailed biodiversity baseline assessments and ecological impact assessments in compliance with local legislation, as well as regional and international environmental treaties and lending institution requirements.

Ecological studies include:

- Baseline biodiversity assessments
- Current ecological status assessments
- Ecological impact assessments
- Wetland delineations
- Wetland baseline assessments



Baseline biodiversity assessments and ecological impact assessments continued

- Wetland ecological status assessment
- Wetland impact assessments.

Green building certification

We have the capacity to undertake detailed biodiversity baseline investigations and develop plans for protecting ecological assets and identifying opportunities to enhance ecology. This can be conducted through the implementation of masterplans and large-scale developments, in relation to various international and local green building rating systems, such as:

- Leadership in Energy and Environmental Design (LEED)
- Building Research Establishment Environmental Assessment Method (BREEAM)
- Estidama
- Global Sustainability Assessment System (GSAS)
- Al Sa'fat

Ecological management plans

We are able to develop comprehensive action and management plans to ensure regulatory compliance and demonstrate environmental performance. Our services include:

- Ecological management programs
- Ecological risk assessments
- Vegetation management plans
- Stocking strategies
- Carrying capacity assessments
- Biodiversity action plans

Ecological compliance monitoring and audits

Our team has extensive experience designing and implementing ecological monitoring programs, complemented by the knowledge of our highly experienced and qualified auditors. We are able to offer the following services:

- Fauna monitoring
- Vegetation monitoring
- Wetland monitoring
- Ecological management compliance audits

Rehabilitation and remediation plans

We have the ability to assess the extent of the ecological degradation of a site and develop appropriate rehabilitation or remediation plans for the affected areas. Our services include:

- Disturbed areas ecological surveys
- Ecological damage and risk assessments
- Ecological restoration and remediation plans
- Rehabilitation and restoration success monitoring and audits

Our team

Our ecological services in the Middle East are led by our Principal Ecologist, Adrian Hudson. He has over 25 years' experience in conservation and ecological consulting, with the last 12 years being devoted exclusively to ecological consulting.

Adrian has conducted ecological and associated studies on more than 140 projects in over 25 countries across Africa, Eastern Europe and South America. He possesses a wealth of experience in terrestrial and wetland ecology studies, undertaking ECIAs in accordance with World Bank and the Equator Principles.

About Anthesis

Anthesis is a global sustainability services and solutions provider, which believes that commercial success and sustainability go hand in hand. We develop financially driven sustainability strategies, underpinned by technical expertise and delivered by innovative collaborative teams across the world. The company combines the reach of big professional services groups with the deep expertise of boutiques.

Anthesis has clients across industry sectors from corporate multinationals such as Reckitt Benckiser, Cisco, Tesco, The North Face and Target. The company brings together expertise from countries around the world and has offices in the U.S., Canada, the UK, Ireland, Italy, Germany, Sweden, Finland, China, the Philippines and the Middle East.

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