



Ecology and environmental services



Eastern Mourne Special Area of Conservation.

Mott MacDonald offers a complete multi-disciplinary service for assessments and management of ecological resources, including:

- Desk top studies and appraisals
- Screening and scoping studies
- Planning, biodiversity and strategic assessments
- Environmental impact assessments and appraisals
- Ecological impact assessments
- Expert witness
- Phase 1 ecological assessments
- Phase 2 protected species surveys
- Botanical assessments, including National Vegetation Classification surveys
- Breeding bird surveys
- Appropriate assessments for impacts on designated sites
- Habitat management plans
- Marine and coastal ecology
- Eco-hydrology, water abstraction and effluent discharge impacts
- Aquatic ecology
- Water Framework Directive planning and implementation
- Landscape and design
- Monitoring programmes
- Development of internet-based Geographic Information Systems
- Project management
- Mitigation, compensation and enhancement plans
- Community and stakeholder consultation

Our approach to undertaking the technical work for ecological assessments follows national guidelines and standards, notably the Institute of Ecology and Environmental Management (IEEM) Guidelines on Ecological Impact Assessments in the UK, the Department of Transport Analysis Guidance (WebTAG) on Biodiversity Impact Assessment and Planning Policy Statement 9 (PPS9) guidance on Planning for Biodiversity and Geological Conservation.



Common frog (Rana temporaria).



Bluebells in ancient woodland in Essex.



Wetland surveying in Sussex

Contact us

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Gramista landfill leachate treatment facility.

Our focus is on delivering ecological solutions to reduce the environmental impacts of engineering projects.

Ecological surveys and assessments

Environmental capital is one of the three strands to the triple bottom line approach to sustainable development. Ecological resources, a major component of this strand, may include protected species and sites regulated by national or international legislation. We offer a complete ecological assessment service to facilitate project delivery through meeting regulatory requirements from project inception through to construction, operation and decommissioning both in the UK and overseas.

Multi-disciplinary approach

Mott MacDonald offers a range of environmental services to address potential issues over a wide range of development scenarios. We work in a pragmatic way to deliver the best environmental solution for a particular situation, advising on the requirements of current legislation and setting out approaches to facilitate project progress. Our specialist team, consisting of ecologists, biologists and environmental scientists, is skilled in working closely with contractors and other technical disciplines. We are able to deliver projects that integrate issues such as ecology, landscape, stakeholder aspirations and planning guidance.

We have a professional team of terrestrial, freshwater and marine ecologists with a diversity of capabilities and skills. Our ecologists deliver best practices to complex environmental and engineering projects in the UK and overseas.

Client base

Mott MacDonald currently serves a wide range of clients on matters relating to ecology and environment, including industrial, manufacturing, construction and commercial companies, local authorities, regulators and government, developers, planners and funding agencies.



Water quality and phytoplankton monitoring.

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