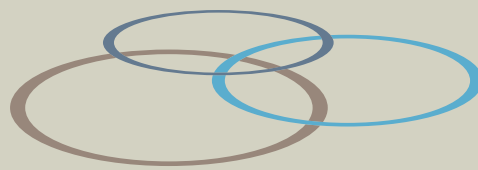




fisheries
aquaculture
environment

sustainable
resource
management



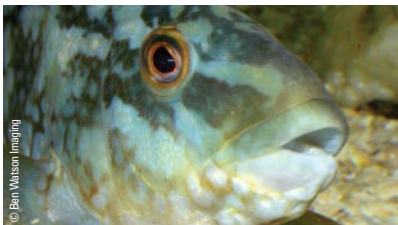


natural resource management

successful management We help clients around the world to manage, protect and develop marine, coastal and freshwater environments and their resources. The key to successful environmental management is the ability to detect and predict the impact of actions against a background of natural change - and to understand the cause of these changes. Working with our clients we apply scientific and technical knowledge and expertise to develop, monitor and evaluate sustainable management strategies delivering important environmental benefits.

customer focussed Our services are used by public and private sector clients in the management of a broad range of marine and coastal environment activities. Such activities include fishing, aggregate extraction, fish and shellfish farming, dredging, offshore oil and gas extraction, effluent discharging, coastal constructions, coastal zone management, flood control and windfarm development.

We deliver a comprehensive portfolio of consultancy, research, and training services in fisheries management, environmental monitoring, environmental assessment, and fish farming to customers around the world. The strength of our scientific skills, technical abilities, management expertise and innovative approach is recognised worldwide.



delivering results

commercial capability Our reputation is built on a long and successful history of delivering our customers' requirements. We have gained accreditation to internationally recognised standards to demonstrate the high quality and reliability of our services.

We are experienced in multi-disciplinary international and national projects and have extensive links with other research and consultancy organisations. We work successfully in consortia, whether taking the lead ourselves or as a specialist partner. Many CEFAS scientists are leaders in their field and advisers to international bodies. We undertake a wide range of contracts over a variety of timescales.

innovation and development Our research and development programmes provide access to the latest scientific techniques available. We apply these techniques to reduce costs, shorten timescales, improve data collection and increase knowledge for our customers.

Our in-house technology teams are internationally renowned for providing innovative solutions to data capture and management problems. The teams develop remote instrumentation providing reliable real-time data over long periods in hostile environments, specialise in data integration and secure access, and are experts in computer modelling to predict the complex impacts of management actions.

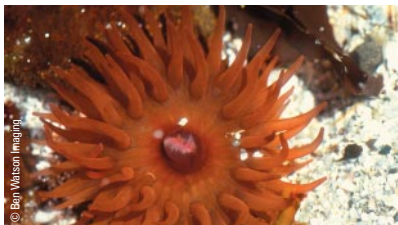


wide ranging services

environmental services Our comprehensive services range from environmental impact assessments, monitoring programmes and environmental surveys through to advice on management policies and legislative development. We measure environmental quality and change through the analysis of a range of physical, chemical and biological variables from the sea surface to seabed. Specialisms include coastal zone management and climate change.

fisheries management We provide advice on the sustainable management, conservation and regulation of marine and freshwater fisheries to governments, industry and stakeholders worldwide. This advice is supported by our extensive research and monitoring programmes for fish and shellfish stock assessment and management. Fisheries modelling, behaviour and biology are examples of our expertise.

sustainable aquaculture We advise on the management, development and impact of fish and shellfish farming, assisting with approaches to increase productivity and reduce disease. We provide advice to enforcement agencies and policy makers on disease prevention and management, statutory inspection programmes, health certification, European Union standards for import and export requirements and legislation development and implementation. We assist clients to develop new products to improve fish health and reduce disease.



developing capabilities

skills transfer Developing capabilities is key for many of our customers. We assist organisations and governments to develop their own resources and technical skills so that they can become more effective.

For governments we provide advice on policy development, implementation of legislation, regulation and enforcement. We have undertaken capacity-building projects to governments directly, and on behalf of the European Union and international donor agencies.

We assist developers and industry to understand legislation and the options available for operating with compliance.

training We provide customised training courses in a range of techniques used for monitoring and assessing the marine environment, fisheries assessment and fish and shellfish health. Examples include: fish stock assessment, fish disease identification, data analysis and interpretation, ecotoxicology, plankton identification, taxonomy, shellfish microbiology and virology, bacteriology and toxin identification. These courses can be undertaken at our UK laboratories or delivered by our scientists on site.

We also advise on the design and installation of new facilities, such as analytical equipment and monitoring instrumentation, to enable the complete transfer of skills to our client's laboratories.



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about us

CEFAS is a multi-disciplinary scientific research and consultancy centre providing a comprehensive range of services in fisheries management, environmental monitoring and assessment, and aquaculture to a large number of clients worldwide.

We have more than 500 staff, 3 laboratories and our own ocean-going research vessel, and over 100 years of fisheries experience.

We have a long and successful track record in delivering high quality services to clients in a confidential and impartial manner. (www.cefas.co.uk)

CEFAS Technology Limited (CTL) is a wholly owned subsidiary of CEFAS specialising in the application of CEFAS technology to specific customer needs in a cost effective and focussed manner.

CTL systems and services are developed by teams that are experienced in fisheries, environmental management and aquaculture, and in working closely with clients to ensure that their needs are fully met. (www.cefastechnology.co.uk)

customer focus

With our unique facilities and our breadth of expertise in environmental and fisheries management, we can rapidly put together a multi-disciplinary team of experienced specialists, fully supported by our comprehensive in-house resources.

Our existing customers are drawn from a broad spectrum with wide ranging interests. Clients include:

- international and UK government departments
- the European Commission
- the World Bank
- Food and Agriculture Organisation of the United Nations (FAO)
- oil, water, chemical, pharmaceutical, agro-chemical, aggregate and marine industries
- non-governmental and environmental organisations
- regulators and enforcement agencies
- local authorities and other public bodies

We also work successfully in partnership with other organisations, operate in international consortia and have several joint ventures commercialising our intellectual property.