

SEDIMENT CORE ANALYSIS, STORAGE & ADVICE



NOC
Innovations



WHO ARE WE?

NOC Innovations delivers a range of services that utilise our state-of-the-art research facilities and translate world-class ocean science and research into practical client solutions.

At the centre of our Geotechnical Laboratory Services offering is the British Ocean Sediment Core Research Facility (BOSCORF), providing non-destructive and minimally invasive analysis of sediment cores, preserving valuable material while extracting maximum data.

CAPABILITIES

Our Geotechnical Laboratory Services provides a comprehensive suite of analytical capabilities, including:

- Multi-sensor physical property logging
- X-ray CT scanning and radiography
- XRF geochemical core scanning
- High-resolution line scan imaging
- Secure climate-controlled sample storage

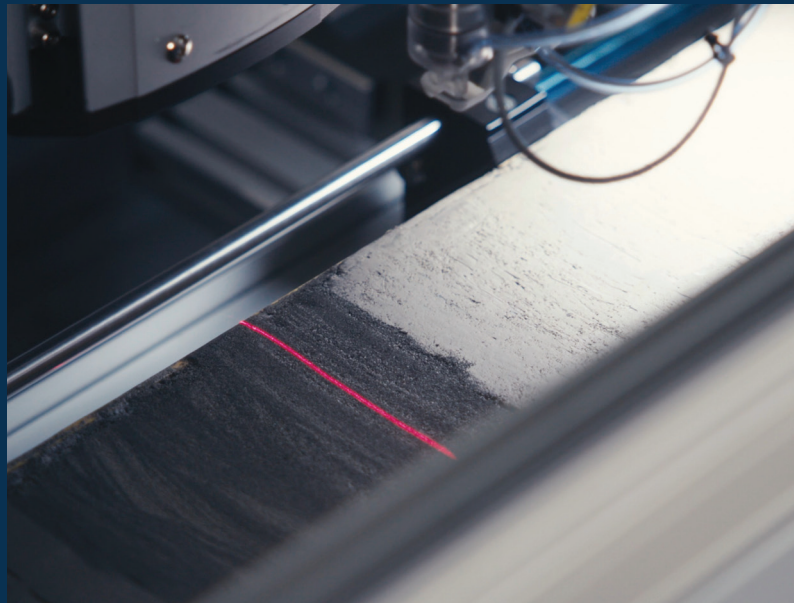
A full list of analytical services is available on our website. Our services are delivered by experienced NOC scientists and technicians, who can also provide advice on the right service for your project question.

APPLICATIONS

Our services support a wide range of industries and sectors, including:

- Offshore energy
- Subsea cable and pipeline routes
- Geohazard assessment
- Carbon capture and storage
- Environmental monitoring and impact assessment

Our analysis can underpin accurate site characterisation and de-risk design by reducing uncertainty, enabling informed decisions that enhance risk assessment and support regulatory compliance.



WHY WORK WITH US?

Choosing the right partner is critical to the efficient delivery and success of your projects. BOSCORF offers a combination of capability, credibility, and stewardship that is difficult to replicate elsewhere.

NATIONAL CAPABILITY, PROFESSIONAL DELIVERY

BOSCORF clients benefit from internationally significant infrastructure and scientific expertise, delivered through a dedicated service team.



NON-DESTRUCTIVE ANALYSIS THAT PROTECTS YOUR INVESTMENT

Our advanced, non-destructive techniques maximise data recovery while preserving valuable core material for future testing, regulatory review, or re-analysis.

DATA YOU CAN TRUST

All analyses are performed under our rigorous in-house quality control procedures with full data traceability. Outputs are delivered in agreed formats, ensuring compatibility with client workflows.

INTEGRATED EXPERTISE, NOT JUST INSTRUMENTS

BOSCORF services are supported by experienced NOC scientists and technicians who understand how sediment properties translate into project risk, engineering constraints, and environmental considerations. We can advise on those BOSCORF capabilities that are most suitable for your project requirements.

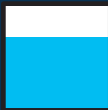
SECURE LONG-TERM STEWARDSHIP

As the UK's national marine sediment core repository, BOSCORF provides secure, climate-controlled storage and long-term data management - supporting longitudinal studies, regulatory compliance, and future project needs.

NOC.AC.UK

NOC-INNOVATIONS.COM

BOSCORF.ORG



**National
Oceanography
Centre**

NOC Innovations Limited is a trading subsidiary of the National Oceanography Centre (NOC).

By working with us, you gain access to world-leading ocean science, engineering and technological innovation whilst directly supporting NOC's charitable mission to deepen global understanding of the ocean for the benefit of society and the natural world.

The purpose of NOC is to gain a deeper knowledge of the ocean to address major challenges facing society and the natural world. We are uniquely placed, working with partners from around the world, to turn research and technological innovation into trusted knowledge for real action and solutions.

Find out more at **NOC.AC.UK**

National Oceanography Centre is a company limited by guarantee, set up under the law of England and Wales, (Company no. 11444362) and a registered charity (England & Wales: 1185265 & Scotland: SC049896). Registered with the Fundraising Regulator.

NOC Innovations Limited is a trading subsidiary of the National Oceanography Centre. All rights reserved. NOC Innovations is a company limited by guarantee, set up under the law of England and Wales, company number 12250763.

Registered address: European Way, Southampton, SO14 3ZH, United Kingdom +44 (0)23 8059 6666

© National Oceanography Centre