



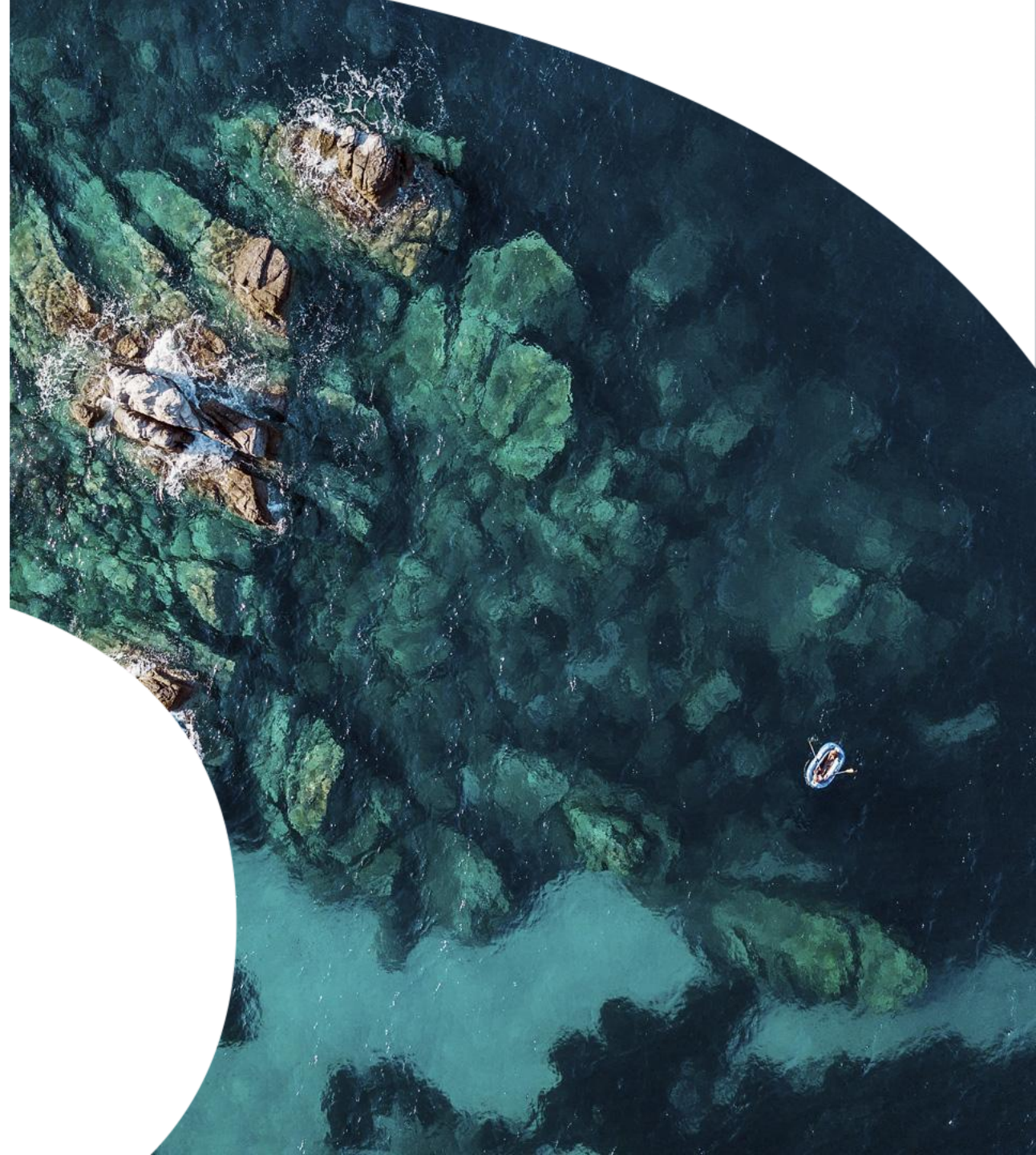
NERC
Environmental
Data Service

NERC EDS: Research Data Management Best Practice

With thanks to the EDS Training Activity
Working Group

Content

- The NERC Environmental Data Service





NERC
Environmental
Data Service

The NERC Environmental Data Service

- In this section, you will learn what the NERC EDS is and the services that it provides.

UK Research and Innovation

We work with the government to invest over £7 billion a year in research and innovation by partnering with academia and industry to make the impossible, possible. Through the UK's nine leading academic and industrial funding councils, we create **knowledge with impact**.



**UK Research
and Innovation**

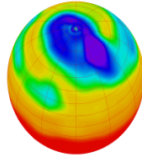
About the NERC Environmental Data Service

We provide a focal point for scientific data and information spanning all environmental science domains. We are a network of distributed data centres, with domain specific expertise:



British
Oceanographic
Data Centre

British Oceanographic Data Centre
Discipline: Marine



**Centre for Environmental
Data Analysis**

SCIENCE AND TECHNOLOGY FACILITIES COUNCIL
NATURAL ENVIRONMENT RESEARCH COUNCIL

Centre for Environmental Data Analysis
Discipline: Atmospheric, Earth
Observation, and Solar and
Space Physics



UKCEH

**Environmental
Information
Data Centre**

Environmental Information Data Centre
Discipline: Terrestrial and
Freshwater



NGDC

National Geoscience Data Centre
Discipline: Geoscience



**British
Antarctic Survey**

UK Polar Data Centre

UK Polar Data Centre
Discipline: Polar and
Cryosphere

The NERC Environmental Data Service (EDS)

- The Environmental Data Service (EDS) is there to support and advise you on all aspects of Data Management, including data submission
- The NERC EDS is responsible for curating research data and making them *freely available* to all users with an interest in re-using them *for any purpose* (including commercial gain)



WHO USES OUR DATA?



Public



Government
Agencies

150,000



distinct users
supported



Industry



Research



Education



63% of our users
are from outside
academic research



64% of our users
are from outside
the UK

DATA ACCESS

16,060

**DATASETS
AVAILABLE**
via the EDS data
catalogue service



stored in over
25PB
OF DATA



3,764 CITATIONS from 1,147
NERC DATASETS



8+ million
DOWNLOADS

From the NERC
vocabulary server



4+ million
DATA ACCESS REQUESTS

Through the borehole
access API

624
DOI s ISSUED
This year

Out of
4,442
TOTAL DOIs

USER ENGAGEMENT

300

**ENGAGEMENT
ACTIVITIES**



Over 120 of those having wide
reach and influence

21 Research Data
Management
training events delivered
by our staff to

~300 people



Our staff were
involved in

18

peer reviewed
publications



3,873

USER QUERIES RESOLVED