



NERC  
Environmental  
Data Service

# NERC EDS: Research Data Management Best Practice

With thanks to the EDS Training Activity  
Working Group



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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**

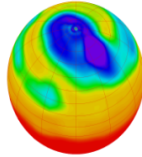
# About the NERC Environmental Data Service

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**