

NOC OUTPUTS AND ACHIEVEMENTS 2017

PAPERS & PUBLICATIONS



NERC Open Research Archive

308
items added to NORA

70%
full text

53%
gold open access

27k
downloads

MILESTONES

British Oceanographic Data Centre

registered users

68k

delivered datasets

211k

British Ocean Sediment Core Research Facility

metres of core

2.2k

samples taken

1.4k

INVESTMENT

Research Council UK projects:

# started	# awarded	# underway	worth
109	119	432	£17m*

£7m SOLSTICE-WIO funded by the Global Challenges Research Fund

£3.6m ACCORD funded by NERC Official Development Assistance, National Capability

Other investments included:

£19m from the government's Industrial Strategy Challenge Fund

£2.5m from collaborative research and development projects

KEY EVENTS

Hosted by the NOC

Sustainable oceans workshop, Zanzibar
SenseOCEAN, Spain
SOLSTICE launch, UK and Tanzania
Blue Mining Conference, Cyprus
ORCHESTRA

BEIS and UKRI visits
LOCATE Workshop
GHG Summer School
ECCORD 2017

Marine Autonomy & Technology Showcase
International Conference on Wave and Storm Surge Modelling

Attended by the NOC

Oceanology International, North America
INMEX, Vietnam
AGU Spring and Fall, USA
EMSO ERIC, Italy
EGU, Vienna
29th Session of the IOC Assembly, Paris

Ocean Business
10th Coastal Altimetry Workshop
Innovate UK 2017
European Marine Day
SOREC Tidal Energy Event
G7 Future of the Seas and Oceans

CHANNELS

65 stories issued to the media or added to the NOC website

816 recorded items of media coverage, including BBC Online, BBC TV News, BBC South TV, BBC Radio Solent.

WEBSITE **261k** users **225k** sessions **495k** page views

twitter **12.3k** total followers **3.8k** likes **1.5m** impressions

NOCMAIL **19k** total subscribers **768k** people delivered to **12k** link clicks

YouTube **641** total subscribers **636** hours watched **44k** total views

PEOPLE



559
NOC employees
66% male
34% female

NOC mariners, engineers and scientists on board RRS *James Cook* and RRS *Discovery* enabled

> 500 days of expeditions

HIGHLIGHTS

RRS *James Cook* expeditions included:

JC145

RAPID-AMOC (Monitoring the Atlantic Meridional Overturning Circulation at 26°N)

JC150

CHIMNEY (Characterisation of Major Overburden Leakage Pathways above Sub-sea floor CO2 Storage Reservoirs in the North Sea)



RRS *Discovery* expeditions included:

DY079

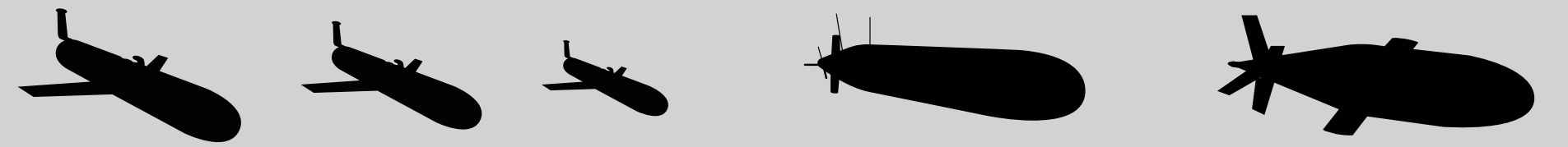
UK-OSNAP (Overturning in the Subpolar North Atlantic Programme)

DY086

COMICS (Controls over Ocean Mesopelagic Interior Carbon Storage)

Robotic projects included:

- Autonomous Surface Sub-Surface Survey System (ASSS)
- Energy Technologies Institute - Carbon Capture and Storage Monitoring (ETI-CCS)
- Alternative Framework to Assess Marine Ecosystem Functioning in Shelf Seas (AlterECO)
- Gauging ocean Organic Carbon fluxes using Autonomous Robotic Technologies (GOCART)
- Marine Autonomous Systems in Support of Marine Observations phase 4 (MASSMO4)



PUBLIC ENGAGEMENT

NOC OPEN DAY, SOUTHAMPTON

809 adults **589** children **34** exhibits

TIDE AND TIME EXHIBITION, LIVERPOOL

>300 total visitors **85** on tours **35** on school visit **200** on LightNight event

NERC UnEarthed, EDINBURGH

4 days exhibits **An Ocean of Opportunity? Tsunamis in Scotland** visitors **>1200**