



WHERE
WILL
YOUR
DEGREE
TAKE YOU?

OCEAN AND EARTH SCIENCE
CAREERS DAY 2019

CONSIDERING A CAREER IN OCEAN AND EARTH SCIENCE?

Ocean and Earth Science Careers Day
21 February 2019

The Ocean and Earth Science Careers Day is the perfect place to meet potential employers, explore different career pathways and get valuable advice from alumni who have been through the experience.

Event Schedule

10:00	Exhibition Opens
10:00-14:00	CV Checking Service: Stand 24
10:00-11:00	Industry Talk by Halliburton: Lecture Theatre
11:15-12:45	Careers Panel: Lecture Theatre Get involved in the Q&A.
12:00-15:00	LinkedIn Labs: Ray Beverton Room, 044/11
14:00	Exhibition Closes
14:30-15:30	PhD Talk: Lab G2, 166/27

Key

- Oceanography
- Marine Biology
- Geology
- Geophysics
- Civil Engineering
- Mechanical Engineering
- Environmental Science
- Geographers
- Biological Science
- Numerate Scientists
- Others
- Summer Internships
- Work Placements

Careers Talk Panellists

David Blake

Project Leader, CGG

Andy Davies

Principal Geoscience Advisor,
Halliburton

Ben Robinson

PhD Student, University of
Southampton

Francesca Trotman

Founder and Managing Director,
Love the Oceans

Anya Vincent

Assistant Engineer, Water Specialisms,
WSP

Industry Talk by Halliburton

Stand 1 | ●●●●

Dr Andy Davies and Prof Mike Simmons are experienced geological advisers with Halliburton, a major oil industry service company. Their main focus is helping de-risk exploration in frontier regions by the application of regional geology, geodynamics, sequence stratigraphy and, increasingly, data science.

Abstract:

Despite shifts to more carbon-neutral energy sources in the future, there is broad consensus that demand for hydrocarbons will not substantially decrease in the next twenty or so years and that oil and gas will continue to be part of the energy mix out to 2050 and beyond. Readily available energy, especially for electricity generation, fuels healthier and wealthier economies. So geologists need to continue to find new oil and gas fields. This is becoming more difficult as explorers turn to basins and

plays with greater geological uncertainties. As a result of the loss of experience in the industry, early career geoscientists will be increasingly required to explore in frontier basins and utilize a wider range of specialist techniques. However, combining cutting edge geoscience and the benefits of the digital revolution with innovative software tools has the power to ensure successful exploration will continue, helping the world population to continue to benefit from an unprecedented move away from poverty.

jobs.halliburton.com

Thank you to all of the companies, organisations and individuals for attending our Ocean and Earth Science Careers Day. We greatly appreciate your support of the event and our current students.

Fugro

Fugro is a multi-national survey and consultancy group employing over 11,500 personnel in 220 specialist companies worldwide, primarily involved in marine surveys but also working in diverse industries such as aerial surveys and mining.

Fugro GB Marine, part of the Fugro Group, provides clients in the marine environment with geophysical, geotechnical, environmental, and oceanographic survey, consultancy and analysis.

fugro.com/careers

MacAlister Elliot & Partners Ltd

Founded in 1977, MEP is one of the oldest consultancies in the fisheries and aquaculture industry. We manage fisheries projects on every continent and are consulted by the private sector, international agencies such as World Bank, DFID and the EU, the oil, gas and renewable energy sectors, national governments and NGOs. We have a diverse and experienced staff base that can respond to the varied needs of our clients.

macalister-elliott.com

A-2-Sea Solutions Ltd

A-2-Sea Solutions is a global shallow water cable installation and marine survey organisation. For over 20-years A-2-Sea has provided expert solutions for cable jointing and installations to a range of submarine sectors.

a2sea.co.uk/about-us/vacancies

Jacobs

Jacobs is one of the world's largest and most diverse providers of technical and professional services for industrial, commercial and government organizations globally.

The Southampton based aquatic ecology team is one of the biggest dedicated ecology teams in the UK. The team is currently helping to deliver some of the largest and most complex nationally significant infrastructure projects around the UK. We provide opportunities for marine biology, chemistry, oceanography and bioengineering graduate and intern positions.

jacobs.com/join-us

Ordnance Survey

As Britain's mapping agency, we provide information that's vital to the nation's wellbeing. We work with governments, private industry, and individuals alike, since the data we produce touches and connects the lives of everyone in the country.

We make seven updates every minute of the day, mirroring our constantly changing landscape. The information we gather enables us to generate content that helps keep our nation, economy and infrastructure moving, but also provide our surveying expertise to countries around the world.

os.uk/careers

Titan Environmental Surveys Ltd

Titan Environmental Surveys Ltd is a multidisciplinary marine and environmental surveying company. We have 30 years of experience in Hydrographic, Oceanographic and Environmental surveys within the nearshore and coastal region. We pride ourselves on our yearly intake of student placements and graduates who are offered numerous opportunities to enhance their skillset gaining rounded experience as surveyors, scientists and skippers.

titansurveys.com

Southampton Education School

Southampton Education School offers PGCE courses, including School Direct, to train to teach in all sectors:

- Primary, to teach pupils 5-11;
- Secondary, to teach pupils 11-19;
- Pre-PGCE Subject Knowledge Enhancement courses in computer science, mathematics and physics;
- Further Education, to teach students in the sixth form and FE sector.

All courses include a mix of school-based practice where you will work with highly experienced teachers, and university based training, where you will be taught by highly experienced teacher educators and researchers.

southampton.ac.uk/education/postgraduate/itt.page

Blue Ventures

We rebuild tropical fisheries with coastal communities.

Blue Ventures develops transformative approaches for catalysing and sustaining locally led marine conservation. We work in places where the ocean is vital to local cultures and economies, and are committed to protecting marine biodiversity in ways that benefit coastal people.

blueventures.org/volunteer

CGG

CGG is a pioneering Technology Company providing world class fully integrated Geoscience services, within the global Energy sector. Created in 1931, our history tells the story of a profession conducted with passion and of an adventure stretching across five continents. We employ in excess of 5,500 people worldwide, who bring a unique blend of talent and energy through working together to deliver unrivalled innovative solutions to our customers.

cgg.com/en/Join-Us/Professionals

Operation Wallacea

Operation Wallacea run biodiversity research programmes in some of the most threatened environments on the planet.

These research programmes are available for students to join over the summer. You will gain experience of working with a range of different university academics as a research assistant, or to gather data for an independent research project. There are 200+ academics who work on the programme at 24 research sites across 15 countries.

opwall.ac.uk

Frontier/ The Society for Environmental Exploration

Frontier is an international non-profit volunteering organisation that runs over 450 conservation and community development projects in over 60 countries. Frontier has over 25 years of experience in sending volunteers abroad on engaging and capacity building projects. Frontier inspires people to step off the beaten path and make their travel meaningful.

frontier.ac.uk/recruit

RSK

Your environment is our business. RSK is a global provider of environmental consultancy, health and safety and ground engineering services, delivering industry-leading guidance to its customers. Our headquarters is in the UK and we have over 1000 employees worldwide.

Our commitment to quality and service excellence starts with our people. By hiring the most talented professionals and encouraging their development, RSK offers an outstanding blend of skills, knowledge and techniques.

rsk.co.uk

Stand 14 | ●●●●●●●●

Tarmac

Tarmac (a CRH company) is the UK's leading sustainable building materials and construction solutions business. With a network of over 120 active quarries located throughout the UK we lead in the supply of construction materials comprising aggregates, asphalt, cement, lime, concrete, road contracting, building products.

tarmaccareers.com

Stand 15 | ●●●●●●●●

Royal HaskoningDHV

We drive inclusive sustainable development with our clients. Our people are keen to positively change the future. We reinvent industries; co-create clean energy and fresh water and have consultants and engineers in a range of fields.

Our graduate development programme ensures you receive the core skills you need to support your early career, through support from internal experts, training and knowledge sharing as well as events to meet fellow graduates.

royalhaskoningdhv.com/en/united-kingdom/careers

Stand 16 | ●●●

Omnia Environmental Consulting

Omnia Environmental Consulting provide technical expertise and innovative solutions to complex and challenging geoenvironmental issues. From our base on the South Coast and regional offices across the UK we provide support to our clients across a broad range of sectors and disciplines including construction, development and infrastructure as well as planning and support services.

omnia-consulting.co.uk

Stand 17 | ●●●●●●●●

Love The Oceans

Love the Oceans is a non-profit marine conservation organisation working in Mozambique. LTO hopes to protect and study the many species of sharks, rays and whales found here.

We offer a cutting edge volunteer programme that gives individuals the chance to work alongside our marine biologists, helping with research and education over 2 - 6 weeks.

lovethеоceans.org

Geological Society: Solent Regional Group

The Geological Society of London is a not-for-profit organisation, and a registered charity. Its aims are to improve knowledge and understanding of the Earth, to promote Earth science education and awareness, and to promote professional excellence and ethical standards in the work of Earth scientists, for the public good. The Society is the UK's professional body for Earth science and has a worldwide membership.

www.geolsoc.org.uk/solent

EGS (international) Ltd

EGS provides specialist multi-disciplinary marine survey support to the Renewable, Oil and Gas, Telecommunications and Offshore Construction industries. We are always seeking ambitious geoscience and hydrography graduates to join our dedicated and hard-working team. Working both off and onshore you will be part of a multidisciplinary team using state of the art equipment and techniques to deliver client focused products/services.

Join EGS to start your career and grow your professional knowledge.

egssurvey.com

ION

ION has been a technology leader for 50 years with a strong history of innovation. The company is publicly listed on the New York Stock Exchange under the ticker IO. While ION's traditional focus for its cutting-edge technology has been on the E&P industry, the company is now broadening and diversifying its business into relevant adjacent markets such as offshore logistics, military and marine robotics. 2017 revenues were \$198M.

Currently the company has approximately 500 employees, about half are in technical roles and a quarter have advanced degrees.

iongeo.com/Careers

Teach First

Teach First is a charity working to end educational inequality. Since 2002, thousands of graduates have joined our Leadership Development Programme in schools across England and Wales and helped change the lives of more than a million young people in low-income communities.

teachfirst.org.uk

WiseOceans

WiseOceans is a marine education and conservation company that works globally, striving towards a future with healthier oceans. WiseOceans employs three core strategies, to educate, conserve and involve. Our website is a valuable resource, the Wise Work section promotes work opportunities (paid and voluntary), internships, expeditions and courses for a wide range of marine conservation organisations and institutions for the benefit of those seeking to be involved in this field.

wiseoceans.com/jobs

WSP

WSP is one of the world's leading engineering professional services firms providing technical consultancy to the built and natural environment. We are locally dedicated and propelled by international brainpower. We are technical experts and strategic advisors, including engineers, technicians, scientists, architects, planners, surveyors and environmental specialists, as well as other design, programme and construction management professionals. Safety and sustainability are embedded in everything that we do.

wsp.com

UoS Careers and Employability Service

How confident are you about your CV? It might have served you adequately in the past but competition for graduate positions is fierce. Don't risk losing out on your dream job because of an average CV! Bring it to our stand for an assessment.

southampton.ac.uk/careers

BODC

BODC is a national facility (part of the Natural Environment Research Council, NERC) for managing and distributing marine environmental (biological, chemical, physical and geophysical) data. Our databases contain measurements of nearly 22,000 different variables. Many of our staff have direct experience of marine data collection and analysis. They work alongside information technology specialists to ensure that data are documented and stored for current and future use.

bodc.ac.uk/about/vacancies

Marine Dynamics Academy

Based in South Africa, MDA in association with Marine Dynamics Shark Tours, offers practical skills based training internships for marine science students and graduates.

marinedynamics.org/academy

Arcadis

Arcadis is the leading global Design & Consultancy firm for natural and built assets. By applying our deep market insight and collective design, consultancy, engineering, project and management services, we work in partnership with our clients to deliver exceptional and sustainable outcomes throughout the asset lifecycle. Our multi-award winning Site Evaluation and Restoration team deliver bespoke solutions to our clients geo-environmental challenges in managing liability risk or transforming a site through the planning process.

arcadis.com/en/united-kingdom/careers

Bibby HydroMap

Bibby HydroMap specialise in the acquisition, interpretation, presentation and reporting of highly accurate and precisely positioned seabed and sub-seabed data. We currently have available a number of opportunities for talented and committed graduates from disciplines including geoscience, geophysics, hydrographic surveying and oceanography, including positions for individuals with industry experience. We offer additional academic and professional training, to enable graduates the opportunity to expand their knowledge and experience, whilst working.

bibbyhydromap.com/careers

Civil Service Fast Stream

We are looking for talented people from all backgrounds to lead the future Civil Service. Our award-winning graduate leadership development programme, The Fast Stream offers structured development with a choice of 15 government professions as diverse as Diplomacy, Health, Communications, Digital, Science and Technology. Our work impacts every aspect of society and our organisation is built on a culture where people genuinely matter.

faststream.gov.uk

Top Tips from past panel members

Make yourself stand out. What can you do to make yourself or your application distinctive?

Take advantage of the discounted rates at university for activities like powerboat and VHF radio qualifications.

Work on your soft skills – it doesn't matter how deep your knowledge is if you can't communicate it to someone else.

Practice networking and interviewing techniques. It helps.

Confidence is key in selling yourself! Be confident in your abilities and make sure this comes across in every application form and interview you take.

Make sure you could imagine yourself in a role before you spend hours on an application.

Be picky, go for jobs that suit you and that you will enjoy. If you find one, don't hold back.

Don't underestimate the power of a good first impression.

Start planning early – internships and work experience are increasingly essential to getting a job, and that means planning to use time off over summer effectively.

Work experience is absolutely key. Talk to your tutor or Careers and Employability about the opportunities available.

Contact us

Ocean and Earth Science:
southampton.ac.uk/oes
Twitter: @UoS_OES @OceanEarthUoS

UoS Careers and Employability
southampton.ac.uk/careers
Twitter: @UoS_Careers
**[www.facebook.com/
UoSCareersandEmployability](https://www.facebook.com/UoSCareersandEmployability)**

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www.southampton.ac.uk/oes