

Where will your  
degree take you?  
Ocean and Earth Science  
Careers Day 2015



# Guiding you to your full potential. Career Destinations



Career Destinations, your university careers service  
[www.southampton.ac.uk/careers](http://www.southampton.ac.uk/careers)



## Where will your degree take you?

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

### Event timetable

1000	Event opens, registration
1030 – 1145	<b>Careers panel: Geology and Geophysics</b> Round table discussion including alumni from RSK, CGG and ION GX. Get involved in the Q & A. Bring your questions.
1200 – 1300	Refreshments and networking event sponsored by Schlumberger
1330 – 1445	<b>Careers panel: Marine Biology and Oceanography</b> Round table discussion including alumni from BP, Port of London Authority, Microsoft and Seastar Survey. Get involved in the Q & A. Bring your questions.
1600	Event closes

These interactive panels have been designed with our students in mind. Panellists will be discussing the challenges they faced entering into employment and sharing with you lessons they have learnt.

Thank you to all of the organisations for attending our Ocean and Earth Science Careers Day, it is highly valued by our students. We greatly appreciate the support of all our exhibitors, including our primary sponsor this year, Fugro, and Schlumberger, who will host the networking session which we encourage everyone to attend.

### Who do I want to meet?

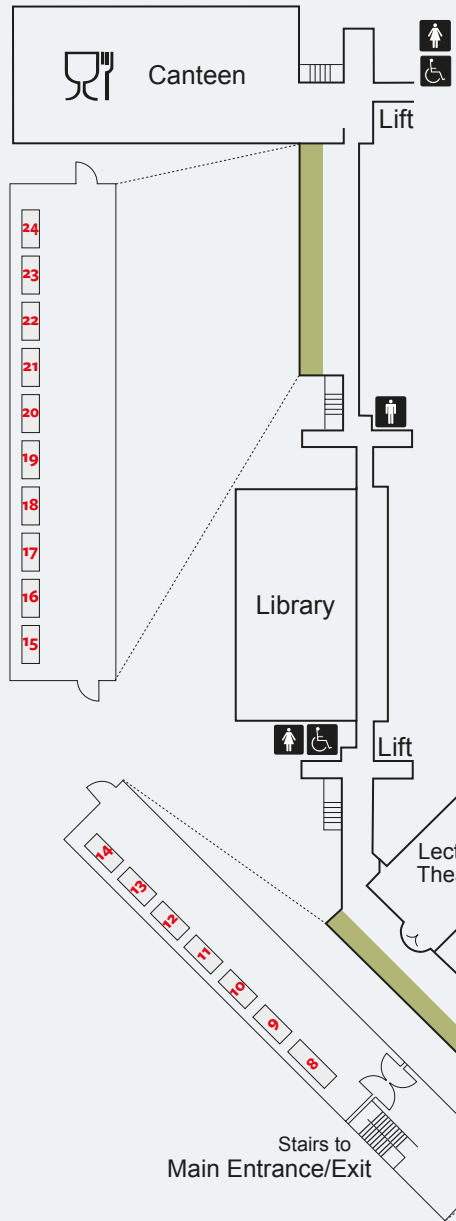
Use this key guide to find out which are the relevant companies for you.

Key					
	Oceanography		Geophysics		Environmental Science
	Marine Biology		Civil engineering		Ship Science
	Geology		Mechanical engineering		Summer internships

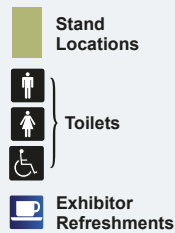
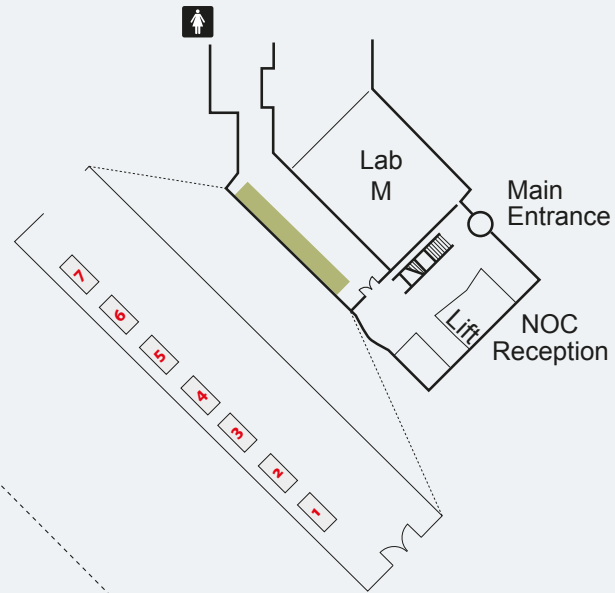


# Floor plan

## LEVEL 4



## LEVEL 1



Stand number	Company
1	CGG
2	IMarEST
3	British Oceanographic Data Centre
4	Southern IFCA
5	HR Wallingford
6	EGS International Ltd
7	Postgraduate Study in Ocean and Earth Science at the University of Southampton
8	Fugro
9	Ordnance Survey
10	Schlumberger
11	IBM
12	Royal Navy
13	Frontier
14	Southampton Education School
15	ION-GX Technology (GXT)
16	Seastar Survey
17	Deloitte Petroleum Services
18	Swindon Teaching School
19	Defence Science Technology Laboratory (Dstl)
20	Osiris Projects
21	RSK
22	Neftex
23	University of Southampton Office of Development and Alumni Relations
24	Atkins

Your notes





## Exhibitor profiles

Stand 1 | ●●●●●●●●

### CGG

CGG is a fully integrated Geoscience company providing leading geological, geophysical and reservoir capabilities to its broad base of customers primarily from the global oil and gas industry.

Through its three complementary business divisions of Equipment, Acquisition and Geology, Geophysics & Reservoir (GGR), CGG brings value across all aspects of natural resource exploration and exploitation.

[www.cgg.com/careers](http://www.cgg.com/careers)

Stand 2 | ●

### IMarEST

The IMarEST is a membership body and learned society for all marine professionals. It is the first Institute to bring together marine engineers, marine scientists and marine technologists into one international multi-disciplinary professional body. It is the largest marine organisation of its kind with a global membership of around 15,000 in over 100 countries. Students can take advantage of complimentary membership of the IMarEST for the duration of their studies.

[www.imarest.org](http://www.imarest.org)

Stand 3 | ●●

### British Oceanographic Data Centre

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.

[www.topcareer.jobs](http://www.topcareer.jobs)

Stand 4 | ●●●●

### Southern Inshore Fisheries and Conservation Authority

The Southern Inshore Fisheries and Conservation Authority (SIFCA) aims to champion and manage a sustainable marine environment and inshore fisheries. The District covers the entire counties of Dorset, Hampshire and Isle of Wight and the coastline out to 6 nautical miles. SIFCA was constituted under the Marine and Coastal Access Act 2009 and is tasked with the sustainable management of inshore sea fisheries resources in their local area.

[www.southern-ifca.gov.uk](http://www.southern-ifca.gov.uk)



Stand 5 | ●●●●●●●●

## HR Wallingford

HR Wallingford is an independent company that carries out research and consultancy in civil engineering hydraulics and the water environment worldwide. Established for over 60 years, we currently employ 280 staff from a range of disciplines including civil and coastal engineering, ocean, earth and environmental sciences and mathematics. Our predictive physical and numerical model studies, desk studies and engineering services are backed by large-scale laboratory research.

[www.hrwallingford.com/hrwallingford-careers](http://www.hrwallingford.com/hrwallingford-careers)

Stand 7 | ●●●●●●●●

## EGS International Ltd

EGSi is part of a leading group of companies providing expertise to the civil engineering, telecommunications, power, maritime and hydrocarbon industries. EGSi employees have experience in the areas of Hydrographic Surveying, Geosciences, Oceanography and Electronic Engineering and in recent years has experienced significant growth. The company operates its own survey vessels, has an extensive inventory of state-of-the-art survey equipment and uses the latest software for data acquisition, processing and reporting.

[www.egssurvey.com/contact\\_career.htm](http://www.egssurvey.com/contact_career.htm)

Stand 6 | ●●●●●●●●

## Postgraduate Study in Ocean and Earth Science at the University of Southampton

The University of Southampton is a hosting partner for the National Oceanography Centre Southampton (NOCS) and offers a range of postgraduate opportunities at both masters and PhD level. Close working with the Natural Environment Research Council provides students with the skills and knowledge to operate at the very cutting edge of research, to prepare them for future employment and to instil the motivation and ethos that breed successful careers.

[www.southampton.ac.uk/oespg](http://www.southampton.ac.uk/oespg)

Stand 8 | ●●●●●●●●

## Fugro

Fugro provides the people, equipment, expertise and technology that support the exploration, development, production and transportation of our world's natural resources. With a global footprint, Fugro provides the technical data and information required to design, construct and maintain structures and infrastructure in a safe, reliable and efficient manner.

As a Fugro graduate employee, you are ready to start your career and grow your professional knowledge. In addition, you will receive world class training and development opportunities and you will earn responsibility very early in your career. The experience you will gain working on projects or working in the field will be knowledge you will carry with you for the rest of your career and form the foundation of your growth. As you successfully grow your career within Fugro, talented staff will find opportunities globally and you will be able to manage and steer your career development into areas of interest to you. We offer almost limitless opportunities to graduates who are quick learners and who exhibit Team Fugro behaviours and attitudes.

[www.fugro.com/careers](http://www.fugro.com/careers)

Stand 9 | ●●●●●●●●

## Ordnance Survey

Ordnance Survey is Britain's mapping agency. We make the most up-to-date and accurate maps of the country. But we're also a digital business, and we use our content to help governments, companies and individuals to be more effective both here and around the world.

[www.ordnancesurvey.co.uk](http://www.ordnancesurvey.co.uk)

Stand 11 | ●●●●●●●●

## IBM

IBM is a globally integrated enterprise operating in over 170 countries, bringing innovative solutions to a diverse client base to help solve some of their toughest business challenges. IBM is the world's largest IT & consulting services company and also a global business & technology leader, innovating in research & development to shape the future of society. IBM's prized research, development and technical talent partner with governments and corporations on real world problems to help build a smarter planet.

[www-05.ibm.com/employment/uk](http://www-05.ibm.com/employment/uk)

Stand 10 | ●●●●●●●●

## Schlumberger

Schlumberger is the world's leading supplier of technology, integrated project management and information solutions to customers working in the oil and gas industry worldwide. Employing more than 120,000 people representing over 140 nationalities and working in approximately 85 countries, Schlumberger provides the industry's widest range of products and services from exploration through to production. Schlumberger Limited has principal offices in Paris, Houston and The Hague, and reported revenues of USD \$45.27 billion in 2013.

[www.careers.slb.com](http://www.careers.slb.com)

Stand 12 | ●●●●●●●●

## Royal Navy

The Royal Navy is a team. From the moment you join, you're part of it, with your own contribution to make. We live, work and relax together, forming friendships that last a lifetime. There aren't many other jobs that can promise that. Why don't you come and join us!

[www.royalnavy.mod.uk/careers](http://www.royalnavy.mod.uk/careers)

Stand 13 | ●●●●●●●●

## Frontier

Frontier is an international non-profit volunteering NGO that runs over 350 conservation, community and adventure projects in over 60 countries across the world. Established in 1989, Frontier has over 25 years of experience in sending volunteers abroad on engaging and capacity building projects. By encouraging the combination of travel with volunteering, Frontier inspires people to step off the beaten path and make their travel meaningful.

[www.frontier.ac.uk](http://www.frontier.ac.uk)

Stand 15 | ●●●●●●●●

## ION GX Technology

ION is a leading provider of technology-driven solutions to the global oil & gas industry. Our offerings are designed to help companies reduce risk and optimize assets throughout the E&P lifecycle.

[www.iongeo.com/Careers](http://www.iongeo.com/Careers)

Stand 14 | ●●●●●●●●

## Southampton Education School

Initial Teacher Training, Primary, Secondary or Further Education PGCE

Working with exciting, inquisitive young people will provide you with new, challenging and enjoyable experiences every day of your working life. Beyond your work in the classroom, you'll find that teaching offers you many opportunities for training to develop and build a stimulating and successful career.

The Southampton Education School has:

- a long established record of delivering high quality Initial Teacher Education
- a strong Partnership with local schools and colleges
- experienced, well qualified course tutors
- a reputation for training high quality teachers
- world class facilities to support research and develop pedagogical understanding

[www.southampton.ac.uk/education](http://www.southampton.ac.uk/education)

Stand 16 | ●●●●●●●●

## Seastar Survey

Seastar Survey Ltd. is an independent marine survey company based in Southampton. We specialise in supplying a range of environmental, oceanographic and hydrographic services to both the offshore and coastal industries, and pride ourselves on a positive and flexible approach to all of our clients' needs. Our aim is to offer an unbeatable level of support and services to organisations operating in the marine environment through a combination of experience in marine science and surveying, survey vessel operation and project management.

[www.seastarsurvey.co.uk](http://www.seastarsurvey.co.uk)

Stand 17 | ●●●●●●●●

## Deloitte Petroleum Services

The Petroleum Services Group at Deloitte delivers Information Solutions and Advisory Services to help companies succeed with their upstream activities.

Our Information Solution tools span all major oil and gas provinces and record detailed commercial and economic data relating to upstream activities, allowing companies to complete both spatial and economic analysis using our tools, PetroView® and PetroScope®, respectively. We also provide a number of report services covering different aspects of individual regions, PetroReports®.

[www.psg.deloitte.co.uk](http://www.psg.deloitte.co.uk)

Stand 19 | ●●●●●●●●

## Defence Science Technology Laboratory (Dstl)

The Defence Science Technology Laboratory ensures that innovative science and technology contribute to the defence and security of the UK.

We work with the best people with the best ideas around the world - from small companies to universities, defence companies and even other nations. Together we develop battle-winning technologies, based on research, supporting UK military operations now and in the future.

[www.facebook.com/DSTLEarlyCareers](http://www.facebook.com/DSTLEarlyCareers)

Stand 18 | ●●●●●●●●

## Swindon Teaching School

We are an outstanding educational provider offering salaried and PGCE (Masters credit) School Direct Teacher Training places in Primary and Secondary schools in Swindon. Over 50% of our schools are outstanding, which means that you will have access to high quality practitioners who base teaching on pedagogical action research.

[www.swindonteachingschool.org.uk](http://www.swindonteachingschool.org.uk)

Stand 20 | ●●●●●●●●

## Osiris Projects

Osiris Projects specialise in the acquisition, interpretation and reporting of highly accurate and precisely positioned seabed and sub-seabed data.

We offer additional academic and professional training, to enable graduates the opportunity to expand their knowledge and experience, whilst working.

In addition to a competitive salary, employees receive an attractive benefits package, including private health insurance, enrolment on the company pension scheme and pay for a membership to a professional body.

[www.osirisprojects.co.uk](http://www.osirisprojects.co.uk)

# Careers Destinations – Get Ahead



## Understand who you are

What have you learnt during your time at university? This could be specific academic and technical skills or “soft skills” such as teamwork, communication or time management.

Try to evidence your skills and abilities through a skills audit<sup>1</sup>. Where possible identify examples from both academic and extra-curricular activities.

Activity:	Evidence:	Skill(s):
SOES 1003	Effective note taking and data management developed in the field	Written communication Data Management



## What do you want?

What makes you happy? What would you not sacrifice for your career? What do you want to achieve in life? These are fundamental questions to ponder while considering what career is right for you. Often we don't check if what we want in life matches our career trajectory.

Reflect on what you want to achieve and what you value<sup>2</sup>. As a start consider the list of motivators below and circle the 5 words that you value highest and would want in a career.

achievement	security	academic
social interaction	outdoors	authority
creativity	practical	sense of purpose
work/life balance	challenge	risk
autonomy	responsibility	stability
recognition	ethical	travel
prestige	variety	reward/recognition
salary	advancement	
	public interest	



## Explore your options

Make sure you're well informed on your options. As a scientist you're used to research so set aside some time to explore job roles and organisations.

Talk to graduates and current employees. Ask about their work and what it would be like to do their job. Ask them about their best and worst day.

Look beyond your comfort zone and network with industry contacts; this could be face-to-face at events or via social media platforms such as Twitter or LinkedIn. The more you ask, the more you learn.



## Next steps and action plans

All of this takes time and effort. Take a tactical approach:

**S**et objectives for the next week, month and year.

**T**ake time to explore your values. What will make you happy in a job?

**E**vidence your skills, strengths and competencies to help target your CV.

**P**resent a professional online presence; email, social media, LinkedIn etc.

You may also want to consider what job alerts and recruitment websites you wish to subscribe to; there are many different options. Come to one of our Drop-In Sessions<sup>3</sup> to ask any questions relating to careers and your future!

### Resources

<sup>1</sup> Skills Audits

[www.southampton.ac.uk/careers/students/support/skills](http://www.southampton.ac.uk/careers/students/support/skills)

<sup>2</sup> Values

[www.southampton.ac.uk/careers/students/support/values](http://www.southampton.ac.uk/careers/students/support/values)

<sup>3</sup> Drop-In Sessions

[www.southampton.ac.uk/careers/students/support/appointments](http://www.southampton.ac.uk/careers/students/support/appointments)

### Upcoming OES Workshops & Presentations

TopTips CVs & Applications. Monday 16 February – 10AM

TopTips Job Hunting Strategies. Tuesday 24 February – 2PM

TopTips Assessment Centres. Friday 6 March – 10AM

TopTips Interview Skills. Thursday 12 March – 10AM

Please visit [www.southampton.ac.uk/oes/news/events/latest.page](http://www.southampton.ac.uk/oes/news/events/latest.page) for more details and booking instructions.



@UoS\_Careers  
@OceanEarthUoS



SOES Careers – (SOESBB10)

[www.southampton.ac.uk/careers](http://www.southampton.ac.uk/careers)

Stand 21 | ●●●●●

## 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.

[www.rsk.co.uk](http://www.rsk.co.uk)

Stand 23

## University of Southampton, Office of Development and Alumni Relations

Our global community of former students spans 178 countries with more than 200,000 members. Wherever you are now and whatever you end up doing in the future, we hope you will keep in touch!

[www.southampton.ac.uk/alumni](http://www.southampton.ac.uk/alumni)

Stand 22 | ●

## Neftex

Founded in 2001 in the UK, Neftex is now one of the largest geoscience consultancies in the world. We specialise in the collation, integration and interpretation of large geoscience datasets and the delivery of these as digital subsurface models.

We are the industry leaders in the provision of web-based sequence stratigraphy products and their global application. Our products and services provide a comprehensive picture of subsurface geology, helping to reduce play risk and increase value across multiple sectors.

Neftex was acquired by Halliburton in June 2014.

[www.neftex.com/careers](http://www.neftex.com/careers)

Stand 24 | ●●●●●

## Atkins

Atkins is the largest engineering consultancy in the UK, the third largest multidisciplinary consultancy in Europe and the fourteenth largest global design firm.

Whether it's the concept for a new skyscraper, the upgrade of a rail network, the modelling of a flood defence system or the improvement of a management process, we plan, design and enable solutions.

Our skills lie in the expansive area of infrastructure, encompassing buildings; land, sea, and air transport; information communications and security systems; and utilities; as well as in our experience of working for a broad range of clients. The social and environmental framework of our work is crucial, and we view all our projects in the context of the communities in which they are delivered.

[www.careers.atkinsglobal.com](http://www.careers.atkinsglobal.com)

## Top Tips

- 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.
- Survey work can be very enjoyable and rewarding, but it definitely isn't Monday to Friday 9 to 5!
- Make sure you could imagine yourself in a role before you spend hours on an application.
- Be picky, go for job's 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 destinations about the opportunities available.

## Contact us

Ocean and Earth Science:

[www.southampton.ac.uk/oes](http://www.southampton.ac.uk/oes)

 @UoS\_OES @OceanEarthUoS

UoS Career Destinations:

[www.southampton.ac.uk/careers](http://www.southampton.ac.uk/careers)

 @UoS\_Careers

[www.facebook.com/UoSCareerDestinations](https://www.facebook.com/UoSCareerDestinations)

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