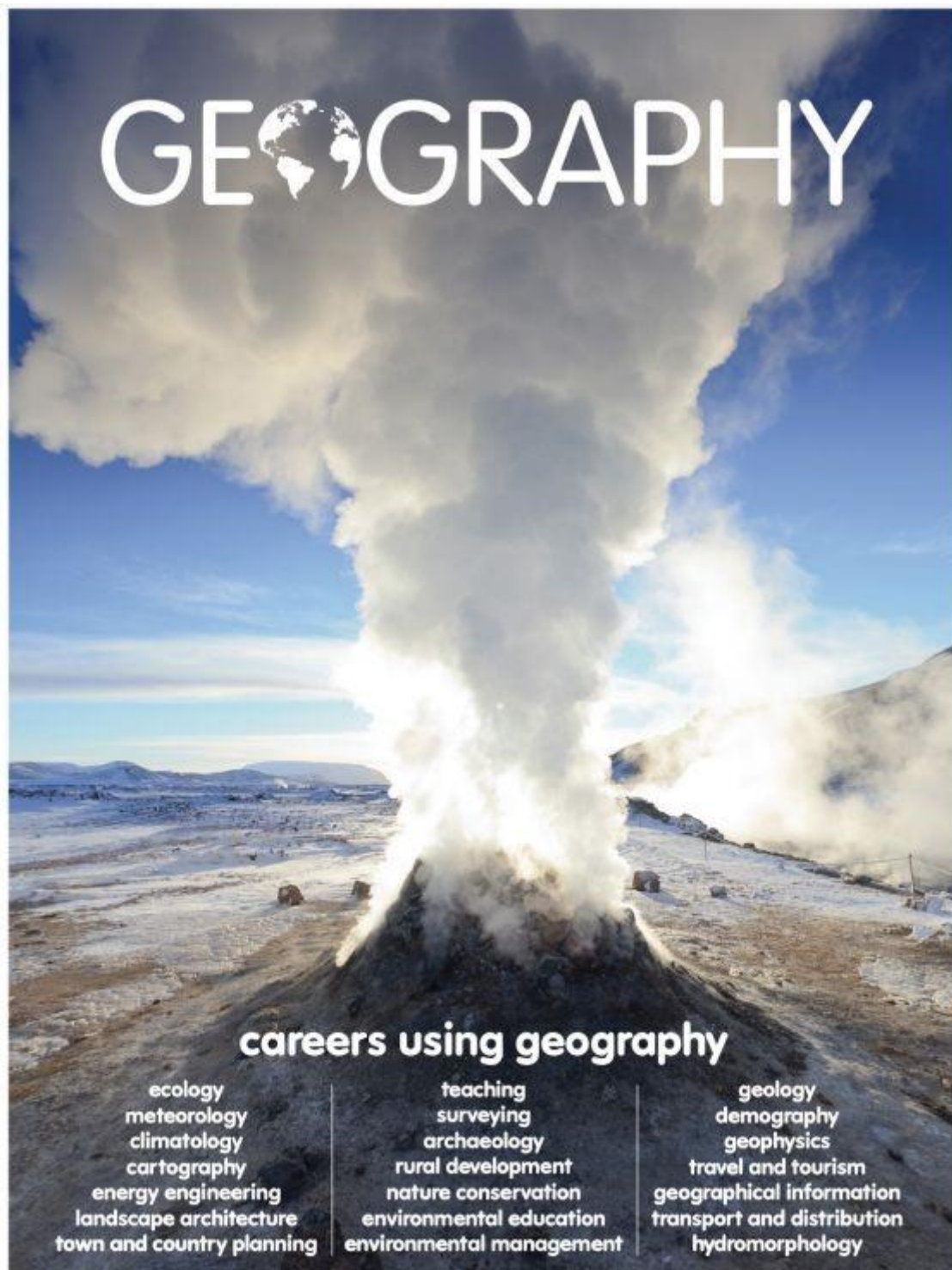


Careers in Geography



GEOGRAPHY

careers using geography

ecology
meteorology
climatology
cartography
energy engineering
landscape architecture
town and country planning

teaching
surveying
archaeology
rural development
nature conservation
environmental education
environmental management

geology
demography
geophysics
travel and tourism
geographical information
transport and distribution
hydromorphology



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Careers in Geography

A large iceberg floating in the ocean. The tip of the iceberg is above the water, and the much larger, submerged part is below. A wind turbine is visible in the background behind the tip of the iceberg. The text 'ENVIRONMENTAL SCIENCE' is overlaid on the tip of the iceberg.

ENVIRONMENTAL SCIENCE

careers using environmental science

ecology	surveying	forestry
agriculture	horticulture	meteorology
geoscience	water management	microbiology
biotechnology	waste management	fish farming
renewable energy	gamekeeping	oceanography
nature conservation	agricultural science	sustainable energy
environmental engineering	marine biology	environmental biology
landscape architecture	civil engineering	wildlife management
environmental consultancy	environmental education	countryside management
urban regional planning	rural resource management	environmental management



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5 WORK SKILLS GEOGRAPHY WILL GIVE YOU



DATA ANALYSIS



In school: When you're studying geography you'll gather data from a range of sources. This might be numerical or spatial data, crowd-sourced data or factual texts. You need to take this information and analyse it, usually in the context of a specific issue.

CRITICAL THINKING



In school: It's not enough to just accept the information presented to you. You need to think about where it's come from and what implications that has. Is it reliable or biased? Could there be errors? You need to explain all of this when you're drawing conclusions about different scenarios.

IT



In school: You'll use many tools to collect, store and process data, presenting it in a form that's easy to understand. You'll learn about computer modelling and electronic databases. You'll also use IT to produce a range of diagrams, graphs and maps.

RESEARCH



In school: You'll carry out primary research, as well as using your research skills to find relevant literature to support your theories. You'll need to gather information from different sources and present it clearly.

TEAMWORK



In school: You'll work with your classmates to collect data for investigations in human and physical geography. You'll also work on group projects, where you'll need to listen to different ideas and points of view before agreeing on your eventual findings.



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Sources: For source data please request the information by emailing data@successatschool.org

Careers in Geography

Geography is the study of the world we live in, its environments, landscapes and natural disasters, and the relationship between people and environments.

One of the most wide-ranging degree subjects, geography is a mix of social and physical sciences, combining study of the planet's physical properties with a focus on societies and how they interact.

Physical geography covers the Earth's climate, atmosphere, landscapes and natural processes including tectonic plates, glaciers, erosion and volcanology, while human geography covers the distribution and interactions of societies across the globe. While there are few well-defined boundaries, human geography covers population growth, globalisation, farming, forestry, fishing, urbanisation, transportation and tourism.

Many universities offer both human and physical geography programmes, while a number of institutions give students the option to pursue a combined course.

Jobs directly related to Geography include:

- Cartographer
- Commercial/residential surveyor
- Environmental consultant
- Geographical information systems officer
- Planning and development surveyor
- Secondary school teacher
- Town planner

Jobs where Geography would be really useful include:

- Astronomer
- International aid/development worker
- Landscape architect
- Logistics and distribution manager
- Market researcher
- Nature conservation officer
- Political risk analyst
- Sustainability consultant
- Tourism officer
- Transport planner

Typical employers

A geography degree enables you to embark on a career in a range of fields, education, commerce, industry, transport, tourism and public sectors. You'll also have many transferable skills, attracting employers from the business, law and finance sectors.

Employers include:

- the armed forces
- charities
- the Civil Service
- environmental consultancies
- environmental protection agencies
- information systems organisations
- local government
- Ministry of Defence
- police service

Skills for your CV

By studying geography, you'll gain an insight into a range of practical, social, economic and environmental issues. Geography offers the opportunity to tackle some of the most important issues facing modern society, from climate change, natural disasters, to overpopulation and urban expansion.

In addition to core geographic skills, for example field work and the use of specialist equipment, preparing maps and diagrams and using social survey and interpretative methods, you'll also develop a range of key skills that are relevant to many jobs and sectors.

These include:

- skills in research and data collection, analysis and evaluation
- mathematical and computational skills
- IT skills, for example computer cartography and the use of databases and spreadsheets
- written and oral communications skills, including report writing and data presentation
- the ability to understand abstract concepts and articulate these to a range of audiences
- planning and problem-solving skills
- creative thinking and the ability to recognise the moral and ethical issues involved in debates
- the ability to work independently and also in a team, taking on board ideas and coming to a consensus
- self-motivation and self-reliance
- time management and the ability to meet deadlines.
- Studying Geography at university – topics you may cover:
 - rivers
 - sustainability
 - environmental modelling
 - the physical environment
 - the politics of climate change

- the making of the modern city
- political geography and geopolitics
- economic geography
- coastal and estuarine environments
- environmental hazards and energy resources.

Apprenticeships in Geography

If you love the thought of spending your days working outside in the fresh air and the idea of an office job fills you with dread, then a career in agriculture, environmental and animal care could put you at the forefront of supplying the country with food, producing crops, and enriching the rural and urban environment.

Agriculture, environment and animal care apprenticeships can be broken down into land management and production, animal health and welfare, and environmental industries. It's not just about muddy wellies, unsocial working hours and manual labour. Apprenticeships in this sector can offer you the chance to have a rewarding impact on many levels; whether that means working hands-on or not.

There is a wide variety of jobs in the sector, and while many of them are practical, requiring physical effort and work outdoors, there are also opportunities for people to work as skilled technicians, managers and other specialist roles.

Roles include general farm workers, crop technicians, forest operatives, sports turf operatives and countryside ranger. There are also creative occupations available, such as floristry, as well as caring jobs that include working for animal welfare charities, as a veterinary nurse, a farrier or a fisher. In addition, there are more technical roles on offer and many management opportunities.

At a time when environmental work is rapidly increasing in importance, you could take a look at the ecologist apprenticeship, which is a highly scientific and technical role looking at the relationships between plants, animals, people and their environment.

So, whether your interest is in outdoor practical work or more theoretical work, you'll open yourself up to plenty of opportunities and career progression. And if you've always wanted to be your own boss, then this could be a good place to start.

<https://apprenticeshipguide.co.uk/apprenticeship-category/subject/geography/>
<https://www.apprenticeships-in-sussex.com/>

APPRENTICESHIPS LINKED TO GEOGRAPHY

- AGRICULTURAL PROFESSIONAL ADVISER
- ARBORICULTURIST
- CHARTERED TOWN PLANNER
- COUNTRYSIDE WORKER
- CROP TECHNICIAN
- ECOLOGIST
- GEOSCIENTIST
- GEOSPATIAL SURVEY TECHNICIAN
- LANDSCAPE TECHNICIAN
- TRAVEL CONSULTANT
AND MANY MORE!



Interested in apprenticeships, but not sure what to do next? Take a look at our 'What Now?' guide...
www.amazingapprenticeships.com

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