

Geography @ St. Wilfrid's

**What does A Level Geography look
like at St. Wilfrid's?**

2.1 Component 1

Changing Landscapes and Changing Places

Written examination: 1 hour 45 minutes

20.5% of qualification

82 marks

This component covers the following core themes.

SECTION A – Changing Landscapes

In this section there is a choice between **either** coastal **or** glaciated landscapes.

1.1. Coastal Landscapes **or**

1.2 Glaciated Landscapes

SECTION B – Changing Places

This section is compulsory.

1.3 Changing Places – compulsory

The content for theme 1 or 2 and theme 3 must be treated with equal depth.

Scale in this component is fundamentally at the local level but includes a wider region to put the local level into context: it also emphasises linkages between local and regional and extends to national and international.

2.2 Component 2

Year 12

Global Systems and Global Governance

Written examination: 2 hours

27.5% of qualification

110 marks

This component covers the following core themes.

SECTION A – Global Systems

This section is compulsory.

2.1 Water and Carbon Cycles

SECTION B – Global Governance: Change and Challenges

This section is compulsory.

2.2 Global Governance: Change and Challenges

The content for Water and Carbon Cycles and for Global Governance: Change and Challenges must be treated with equal depth.

Scale is emphasised in this component through the role of national governance and how this operates at an international scale to contribute to the global commons, although there is, to reinforce the concepts, added depth through exemplification at the local scale.

SECTION C – 21st Century Challenges

This section is compulsory. The assessment has one extended response question with resource material and draws on both Components 1 and 2, and where appropriate links to themes studied in Component 3. There is a choice of two questions in the assessment.

2.3 Component 3

Year 13

Contemporary Themes in Geography

Written examination: 2 hours 15 minutes

32% of qualification

128 marks

This component covers the following areas of study in contemporary themes.

SECTION A –Tectonic Hazards

This section is compulsory.

3.1 Tectonic Hazards

SECTION B – Contemporary Themes in Geography

This section is based on four optional themes. **Two** optional themes must be selected for study.

3.2 Ecosystems

3.3 Economic Growth and Challenge: India or China or Development in an African Context

3.4 Energy Challenges and Dilemmas

3.5 Weather and Climate

Scale in this component covers local to global as appropriate to the context.

2.4 Component 4

Year 13

Independent Investigation

Non-exam assessment

20% of qualification

80 marks

The non-exam assessment is integral to A level Geography and contributes 20% to the overall final assessment. This component requires a single independent investigation by each learner and involves, but need not be restricted to, fieldwork. The focus of the investigation must be derived from the specification content in Components 1 and 2 or the optional themes in Component 3. The independent investigation builds on the fieldwork developed throughout the specification and the requirements to relate fieldwork to knowledge and understanding of the six stages of the enquiry process. The fieldwork enables learners to carry out field (primary) data collection and this can form the basis of the independent investigation. Learners can collect further primary data, if this suits their chosen research question.

The learner must define their research area and their own title, that is the independent investigation must be based on a question or issue defined and developed by the learner individually to address aims, questions, and / or hypotheses. Learners must support their research area and its context through further literature and background material using secondary data.

Learners must devise appropriate collection, selection and presentation of their own field (primary) data, through actively observing and recording work in the field, and which incorporates appropriate geographical skills. These findings must form the basis of the subsequent analysis.

Learners must independently contextualise, analyse and summarise their findings and data, draw conclusions and evaluate their whole investigation. As part of the reflection, learners should also make links and connections between their own research, the real world and geographical theory.

Key essay questions: Component 1

Coastal Landscapes:

Examine the relative importance of geology in the development of **one or more** landforms of coastal erosion. (15 Marks)

Examine the strengths and weaknesses of **one** strategy used to manage the impacts of human activity on coastal landscape systems. (15 Marks)

Assess the positive and negative impacts of coastal processes on human activity. (15 Marks)

Changing Places:

Examine how deindustrialisation can have varied consequences for urban places (15 Marks)

Assess the severity of the challenges faced by some rural places. (15 Marks)

Assess the relative importance of proximity to universities in the location of **one or more** quaternary industry clusters. (15 Marks)

Key essay questions: Component 2

Water and Carbon Cycles:

Discuss the severity of the impact of drought on different water and carbon stores. (20 Marks)

Discuss the importance of soil as a water and carbon store. [20 Marks]

To what extent do water and carbon cycle flows vary seasonally in different contexts? [20 Marks]

Global Governance:

‘Globalisation depends more on the internet than it does on transport.’

Discuss this statement, making reference to both migration and ocean governance in your answer. [20 Marks]

Evaluate strategies to manage illegal activities at sea and global refugee flows. [20]

21st Century Challenges:

‘Physical processes can cause place identity to change rapidly whereas human activity always brings slower changes.’ Discuss this statement. [30 Marks]

Key essay questions: Component 3

Theme 1: Tectonic Hazards

'Of all the hazards resulting from volcanic processes, pyroclastic flows present the greatest risk'. To what extent do you agree? [38 marks]

Theme 3: Economic Growth and Challenge: India or China or Development in an African Context

India

'Political factors are the main influence on the demographic characteristics of India.' Discuss. [45]

Theme 5: Weather and Climate

13. 'The impacts of hazards associated with low-pressure systems are more severe than those associated with high-pressure systems.' Discuss. [45]

Figure 1: The impacts of high energy storm events on the coast of Devon and Cornwall during winter 2013-2014



Source: bbc.co.uk

Dawlish – 46 metres of railway track destroyed cutting off South West England from the rest of the country

Perranporth – 1 million tonnes of beach washed out to sea

Looe – commercial properties on harbour frontage flooded

Coastal Landscapes

Figure 1: Satellite image of Cap Ferret and Arcachon Bay, Aquitaine, France



Figure 7: St. George's Cultural Quarter, Leicester

Figure 7a: 2003/4

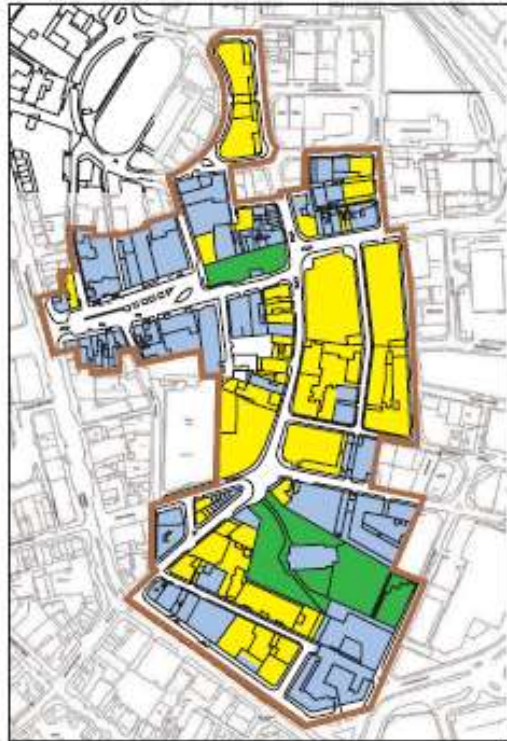
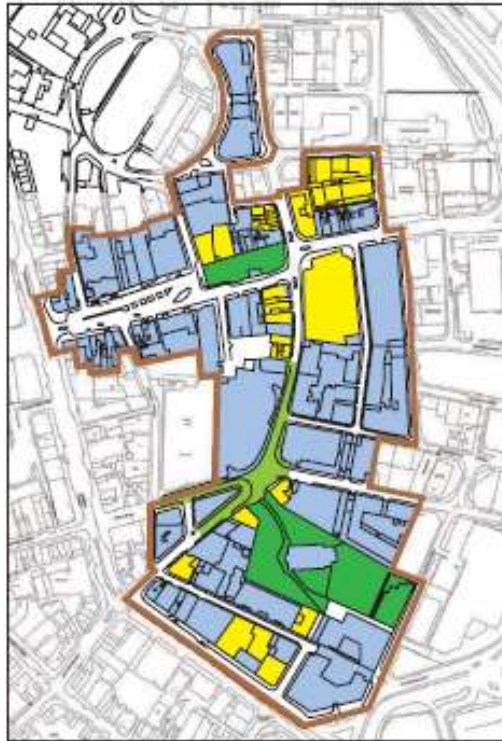


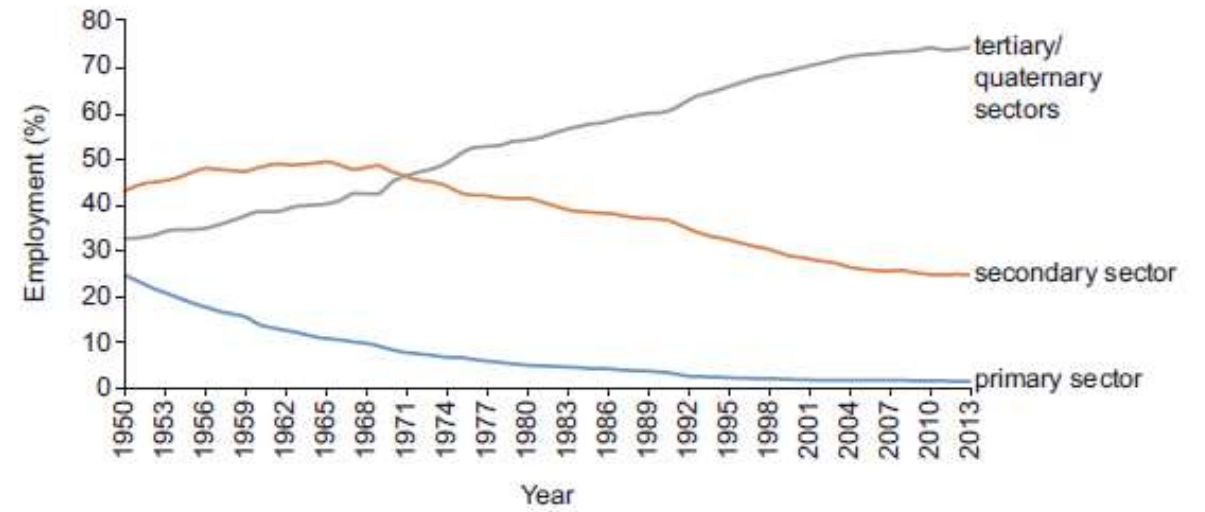
Figure 7b: 2008



Source: leicester.gov.uk



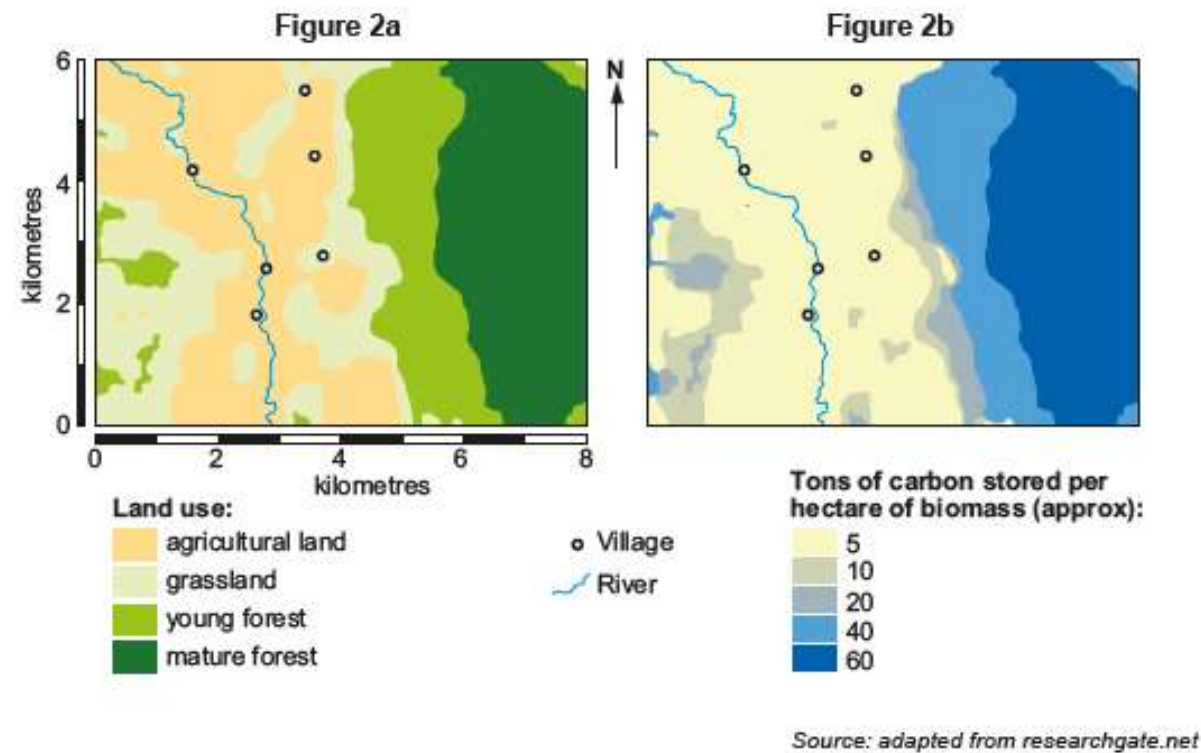
Figure 8: Employment structure in a selected European country, 1950-2013



Source: researchgate.net

Changing Places

Figure 2: Land use and carbon storage in a rural area of Laos



Water and Carbon Cycles

Figure 1: A scatter plot showing the relationship between rainfall and runoff amounts for three drainage basins located in different climatic zones

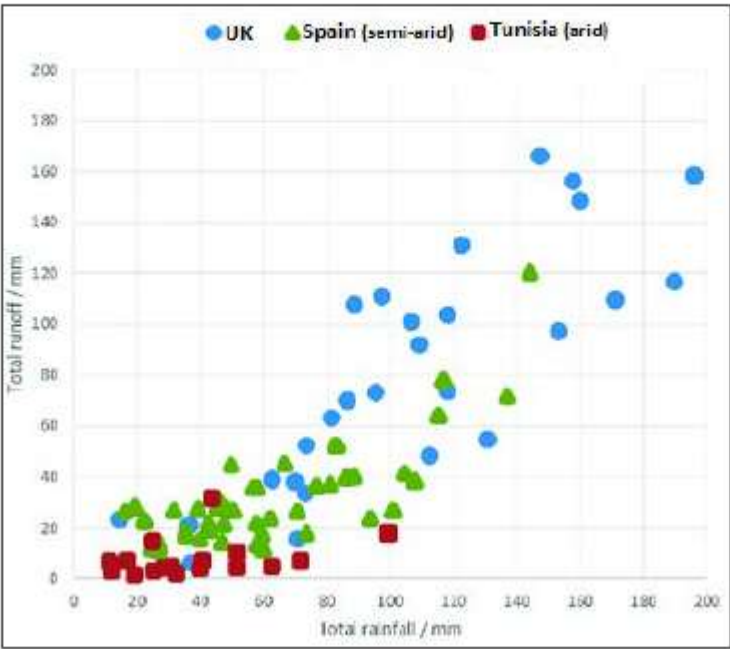
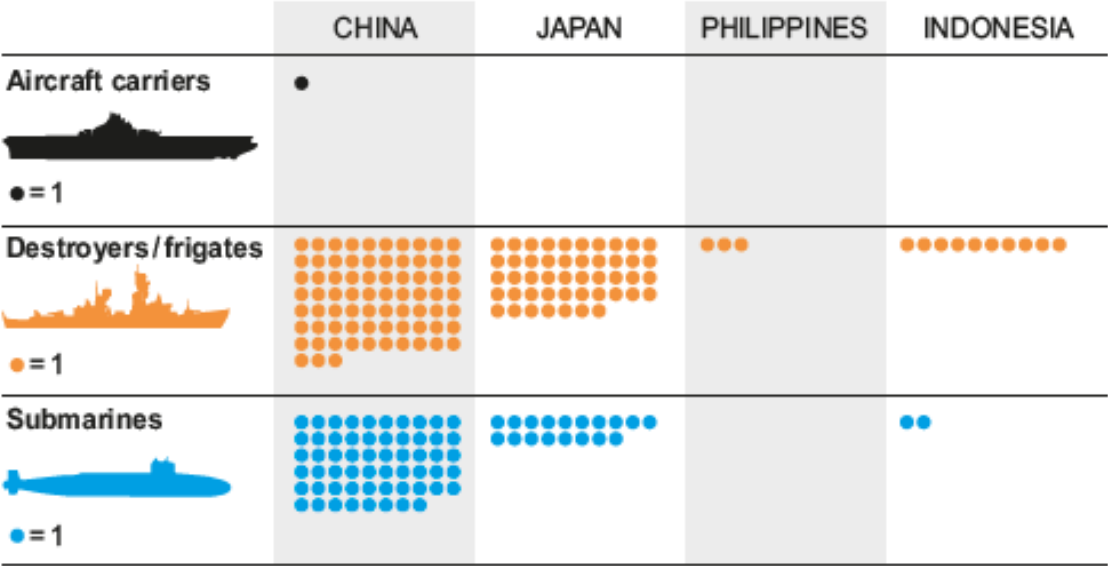


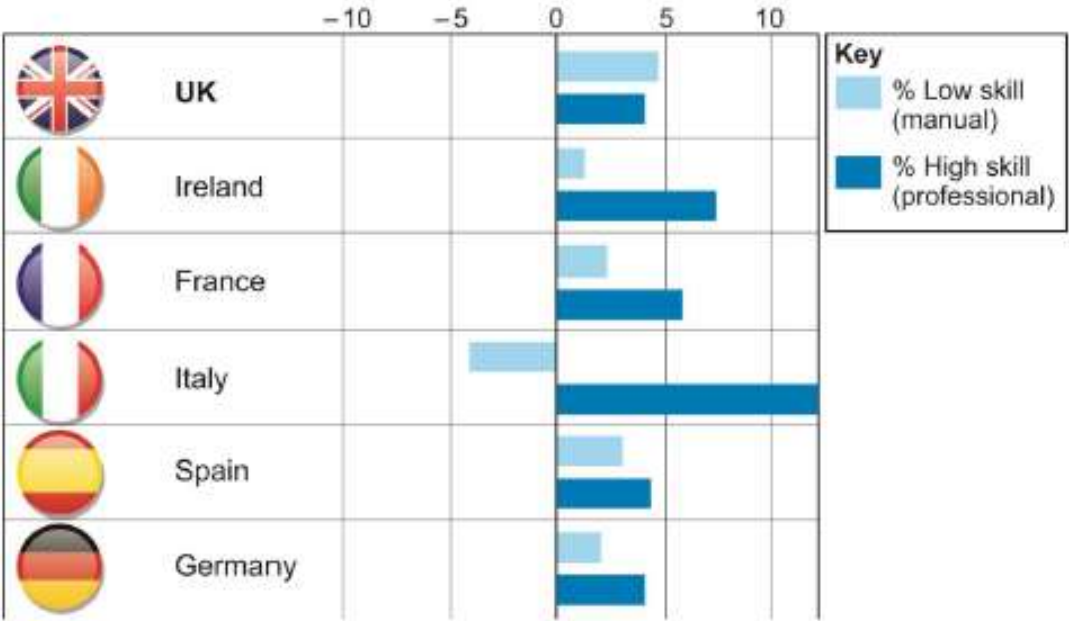
Figure 4: Naval fleet sizes for selected Asian countries, 2015



Source: adapted from Wall Street Journal

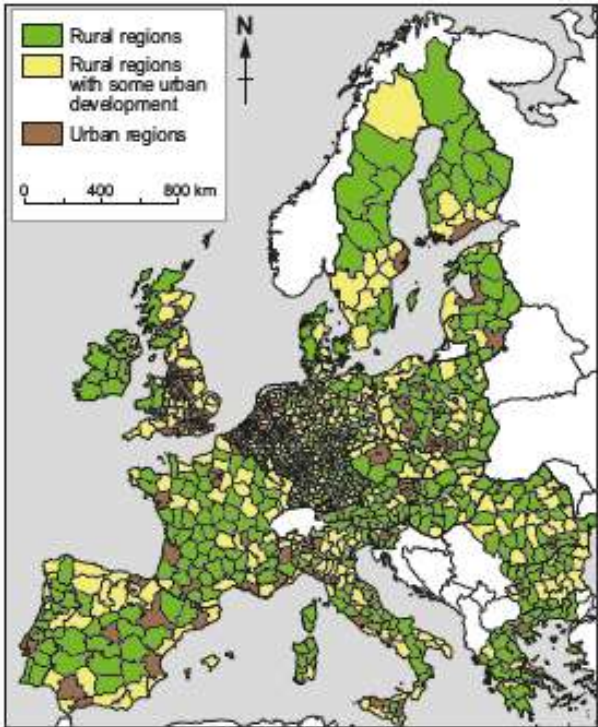
Global Governance

Figure 3: Low skill (manual) and high skill (professional) employment changes in selected EU countries (2000-2015)



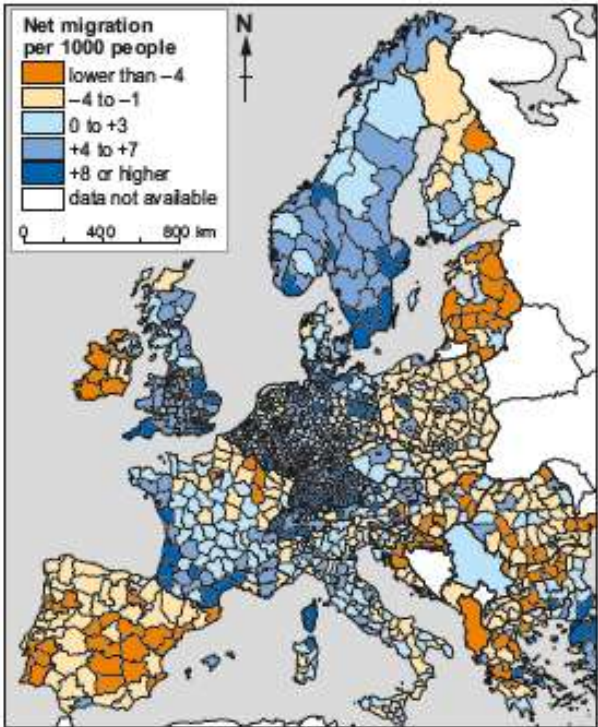
Source: www.ft.com

Figure 5: Rural and urban regions of Europe (excludes non-EU states)



Source: ec.europa.eu

Figure 6: Net migration within Europe in 2014



Source: ec.europa.eu

Figure 5: Percentage of second homes in the top 10 local authorities, based on council tax rates, in 2006

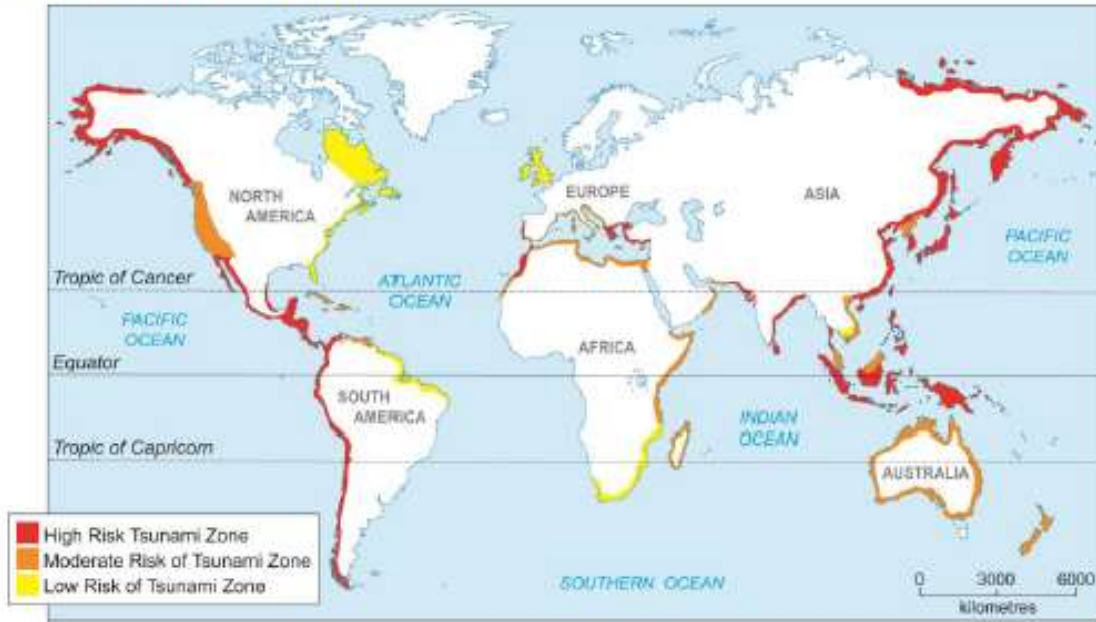
Rank	Authority	County	Second Homes (%)
1	City of London	Inner London	26.1
2	Isles of Scilly	Cornwall and the Isles of Scilly	19.5
3	South Hams	Devon	10.1
4	North Cornwall	Cornwall and the Isles of Scilly	9.7
5	North Norfolk	Norfolk	9.5
6	Berwick upon-Tweed	Northumberland	9.2
7	Penwith	Cornwall and the Isles of Scilly	8.0
8	Kensington & Chelsea	Inner London	7.8
9	Westminster	Inner London	7.8
10	South Lakeland	Cumbria	7.4

Figure 6: The recently built Rohingya refugee camps in Ukhia and Teknaf in Cox's Bazar have damaged the biodiversity of the area, conservationists say.



21st Century Challenges

Figure 6: Tsunami warning zones



Contemporary Themes in Geography



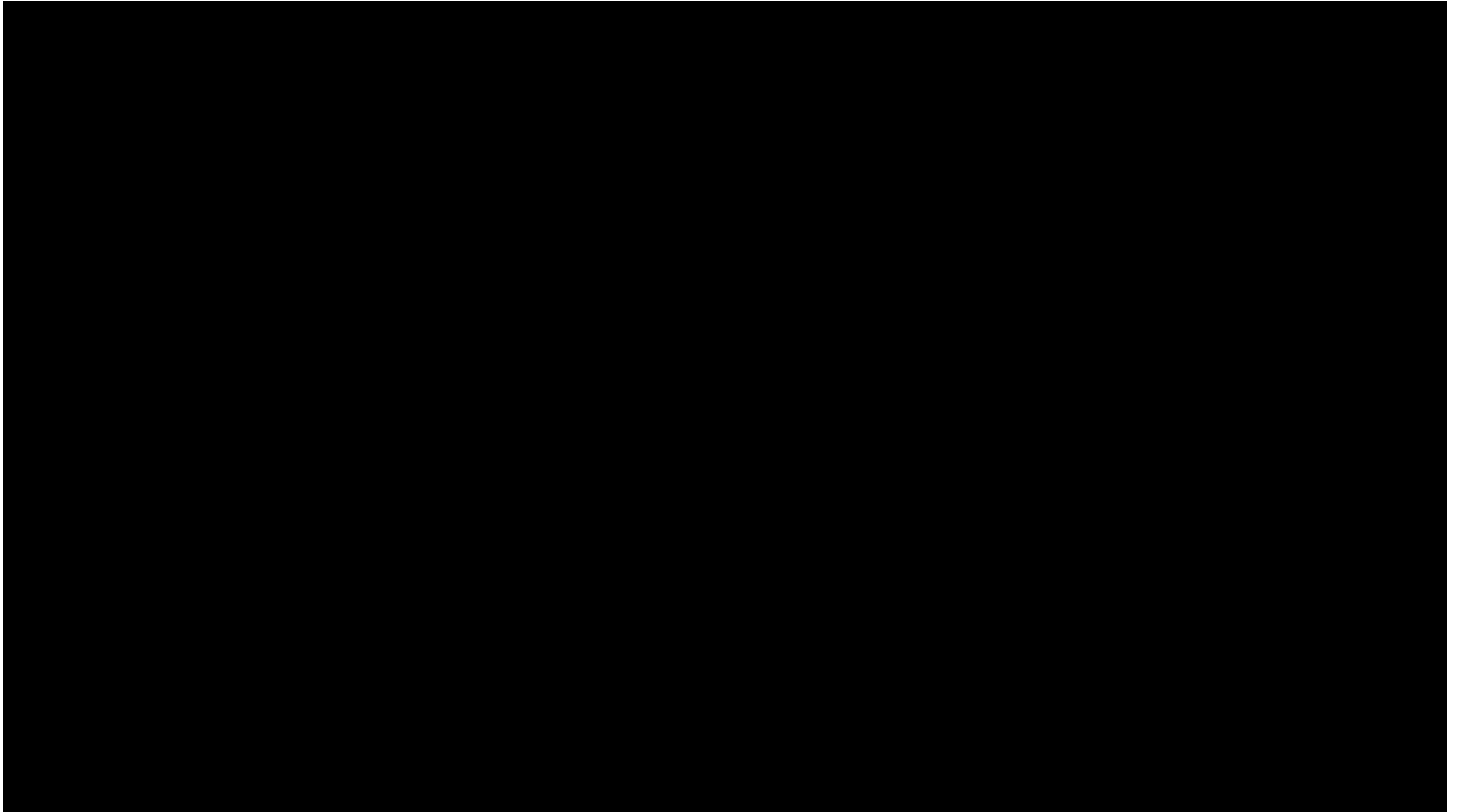
HAS INDIA REALLY CHANGED?

Where can Geography take you?

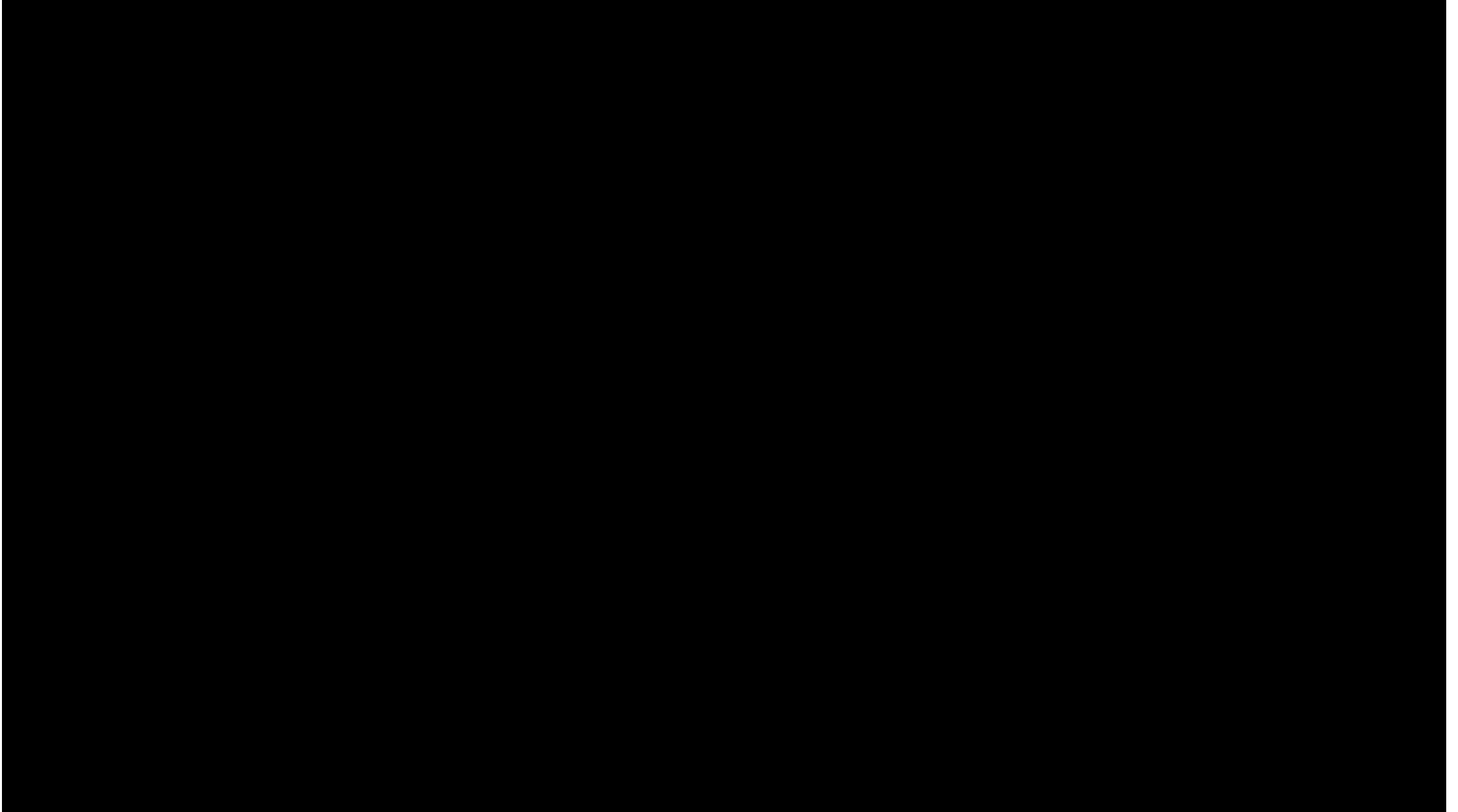
● Just some of the careers people have been employed in through studying geography:

- * Conservation worker
- * Military mapping specialist
- * Market research analyst
- * Urban regeneration officer
- * Town planner
- * Environmental consultant
- * Emergency services manager
- * Health education campaigner
- * Public policy research
- * Geographical Information Systems
- * Expedition leader
- * Geomatics software designer
- * Environmental officer
- * Cycle route planner
- * Environmental warden
- * Earth scientist
- * Water supply coordinator
- * Leisure centre management
- * Local government officer
- * Travel writer
- * Cultural arts officer London 2012
- * Accountancy
- * Retail management
- * Lawyer
- * Charity officer
- * Human rights officer
- * British cultural exchange manager
- * UN terrorism prevention officer
- * Civil servant – in different areas
- * Coastal engineer
- * Aid worker
- * Housing manager
- * Local government services
- * Transport officer
- * Teacher
- * FE or university lecturer
- * Advertising executive
- * Marketing
- * Census data specialist
- * Cartographer
- * CAD technician
- * Landscape architect
- * Recycling officer
- * Soil conservationist
- * Risk assessor
- * Travel agent
- * Heritage site manager
- * Tourist information officer
- * TV researcher
- * Financial risk assessor
- * Transport/logistics manager
- * Management consultant
- * Buyer
- * Armed forces
- * Refugee and asylum adviser
- * Voluntary service overseas
- * Environment impact officer
- * Financial service
- * Economic adviser and analyst
- * Flood protection manager
- * Remote sensing analyst
- * Estate agent
- * Construction/property lawyer
- * Youth and community worker
- * Museum curator
- * Human resources officer
- * Public Relations
- * Location analyst
- * Surveyor
- * Environmental campaigner
- * Pollution analyst
- * Forestry manager
- * Hydrologist
- * Weather presenter
- * Exhibitions coordinator
- * Eco-tour guide
- * Visit London guide
- * Holiday representative
- * Banking
- * Insurance
- * Commercial sales
- * Charity fundraiser
- * HIV education officer
- * Diplomat
- * 'GAP' project worker
- * Hazard prediction
- * Urban planner for sustainability

Going Places with Geography...

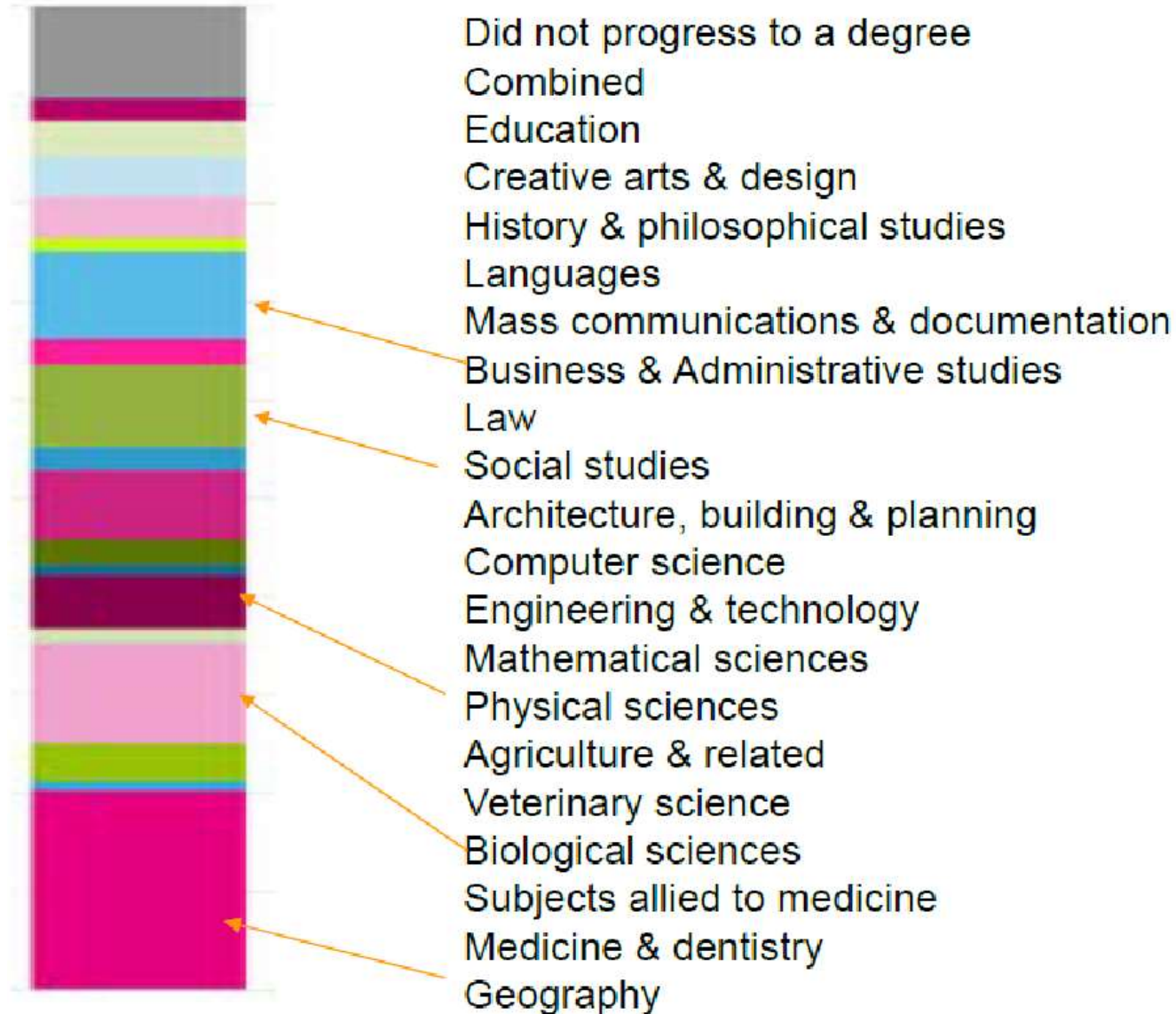


Going Places with Geography...





Geography opens doors to *other* degrees



Supporting wider options

- At A Level Geography has been identified as a **‘facilitating subject’**. These are preferred subjects that the Russell Group of Universities have identified as opening up a wide range of options for university study.

The positive impact of studying geography:

Institute for Fiscal Studies

- **Study**: Geog. students are **more likely to complete their degree**, have the **3rd lowest drop out rate** of all subjects & have some of the highest National Student Satisfaction scores.
- **Employment**: Five years after graduation, geography graduates have an **above average likelihood of gaining employment**. Geographer employment rates **outperform other disciplines**, including politics, physics and history.
- **Earnings**: Geography graduate earnings **outperform** other subjects, including technology, biosciences and history. Men **2% more**, women **10% more** than average graduate salaries



I'm a geographer and proud of my career

**Royal
Geographical
Society**

with IBG

Advancing geography
and geographical learning



Dr Kit Ying Angel Ng - Senior Geomorphologist

Dr Kit Ying Angel Ng is a Senior Geomorphologist at Arup, based in London.

📌 MID CAREER, ENVIRONMENT AND SUSTAINABILITY, BUSINESS AND INNOVATION



Owen Miller - Problem Solving Analyst

Owen Miller is a Problem Solving Analyst for Thames Valley Police.

📌 EARLY CAREER, GOVERNMENT AND POLICY, GEOSPATIAL AND TECHNOLOGICAL INNOVATIONS



Layla Batchellier - Communications and Engagement Manager

Layla Batchellier is the Communications and Engagement Manager for the RRS Sir David Attenborough at the British Antarctic Survey.

📌 EARLY CAREER, COMMUNICATIONS AND ENGAGEMENT



Dr Andy Markham - Company Director

Dr Andy Markham is the Company Director of Hydroclimatology.

📌 SENIOR POSITIONS, ENVIRONMENT AND SUSTAINABILITY, ENTREPRENEURSHIP AND OWN BUSINESS



Terri Freemantle - Senior Earth Observations Specialist

Terri Freemantle is a Senior Earth Observations Specialist for Satellite Applications Catapult.

📌 MID CAREER, GEOSPATIAL AND TECHNOLOGICAL



Chipo Meke - Management Consultant

Chipo Meke is a Management Consultant for KMPG in London.

📌 EARLY CAREER, BUSINESS AND INNOVATION



Kevin Lee - Assistant Desk Officer

Kevin Lee is Assistant Desk Officer at the Foreign and Commonwealth Office, based in London, UK.

📌 EARLY CAREER, GOVERNMENT AND POLICY, INTERNATIONAL DEVELOPMENT



Lucy Allott - Management Consultant

Lucy Allott is a Management Consultant at PwC. Although she is based in London, UK, she has worked on projects all over the world.



Cengizhan Sehir - Global Trade Programme Manager for the Americas and Turkey

Cengizhan Sehir is a Global Trade Programme Manager for Americas and Turkey at the Foreign and Commonwealth Office, based in London, UK.



Farhasaad Shahid - Communications Associate

Farhasaad Shahid is a Communications Associate at the United Nations High Commissioner for Refugees (UNHCR), the UN Refugee Agency, and is based in Stockholm, Sweden.



Lieutenant Colonel Paul Hammett - Commanding Officer

Lieutenant Colonel Paul Hammett is Commanding Officer of the 42 Engineer Regiment (Geographic) at the British Army, Ministry of Defence.



Dr Anjana Khatwa - Programme Manager for Learning

Dr Anjana Khatwa is Programme Manager for Learning at the Jurassic Coast Trust, based in Dorset, UK.

📌 MID CAREER, EDUCATION

Experiences...

Field Trips

Debates

Statistics

Group investigations

Individual investigations

Passion for our planet