

AS/A2 OCR Geography

River Flooding: Applied Geography Skills, 1day



Since the assessment of fieldwork does not take place until the end of Year 13, this FSC course is available to students at any stage of their AS/A2 course.

For AS, Students will collect case-study material to help them answer questions in Unit 1 (F761: Managing Physical Environments).

At A2, fieldwork skills are explicitly assessed in Unit 4 (F764: Geographical Skills). Therefore, students will undertake a fieldwork investigation, for the 1.5 hour exam. In addition, students will to collect case-study material to help them answer questions in Unit 3 (F763: Global Issues).

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COURSE LENGTH

Sessions from 9.30am-4.00pm

Extensions can be arranged. This makes more time available for follow up discussions and analysis; ensuring students make the most of this outdoor learning opportunity.

COURSE CONTENT

Students will consider the impacts of previous flooding events, observe different flood defences and carry out a cost-benefit analysis for a variety of different flood alleviation options. Fieldwork will be conducted on the physical processes which make the area vulnerable to flooding and students will then be encouraged to consider what could be done to lessen the risk of flooding in the area.

LEARNING OUTCOMES/OBJECTIVES

Learning Objectives	Learning Outcomes
<ul style="list-style-type: none"> To understand why some river systems are naturally vulnerable to flooding. To appreciate how successful flood management requires an understanding of physical processes. To gain case study Knowledge of a specific flood defence scheme. To consider how flood management schemes aim to balance socio-economic and environmental needs. To build up case study understanding of the social, environmental and economic costs of flooding. 	<p>All students will:</p> <ul style="list-style-type: none"> Conduct experiments to compare how land-use affects different components of the drainage basin (including infiltration rates) and relate this to flood risk. Observe a number of flood defences and map their location to build up a flood defence case study. List some of the impacts of previous floods on the people in the area. <p>Most students will:</p> <ul style="list-style-type: none"> Carry out experiments on at least two different factors (e.g. different land-uses) relating to drainage basin response, and use this information to assess the risk of flooding in the catchment. Outline the advantages and disadvantages of different river defences observed during the day. Outline, using a mixture of statistics, newspaper articles, web resources and photographic evidence, what the impact of previous flooding in the area has been. <p>Some students will:</p> <ul style="list-style-type: none"> Justify the location of current flood defences and/or suggest how they could be enhanced to protect the area whilst balancing the environmental and economic costs of schemes. – time dependent.

Quality Badge awarded by



External Recognition of Quality

All our centres have either been awarded the Quality Badge by The Council for Learning Outside the Classroom, or are awaiting assessment. The badge is awarded to organisations that have demonstrated that they consistently deliver high quality teaching and learning experiences and manage risk effectively. This means that you will have to complete less paperwork when visiting our centres

Protecting fieldwork opportunities for everybody

Growing pressures on outdoor learning has led the FSC to take on an important role; championing the rights and opportunities for people of all ages to experience the environment at first hand.

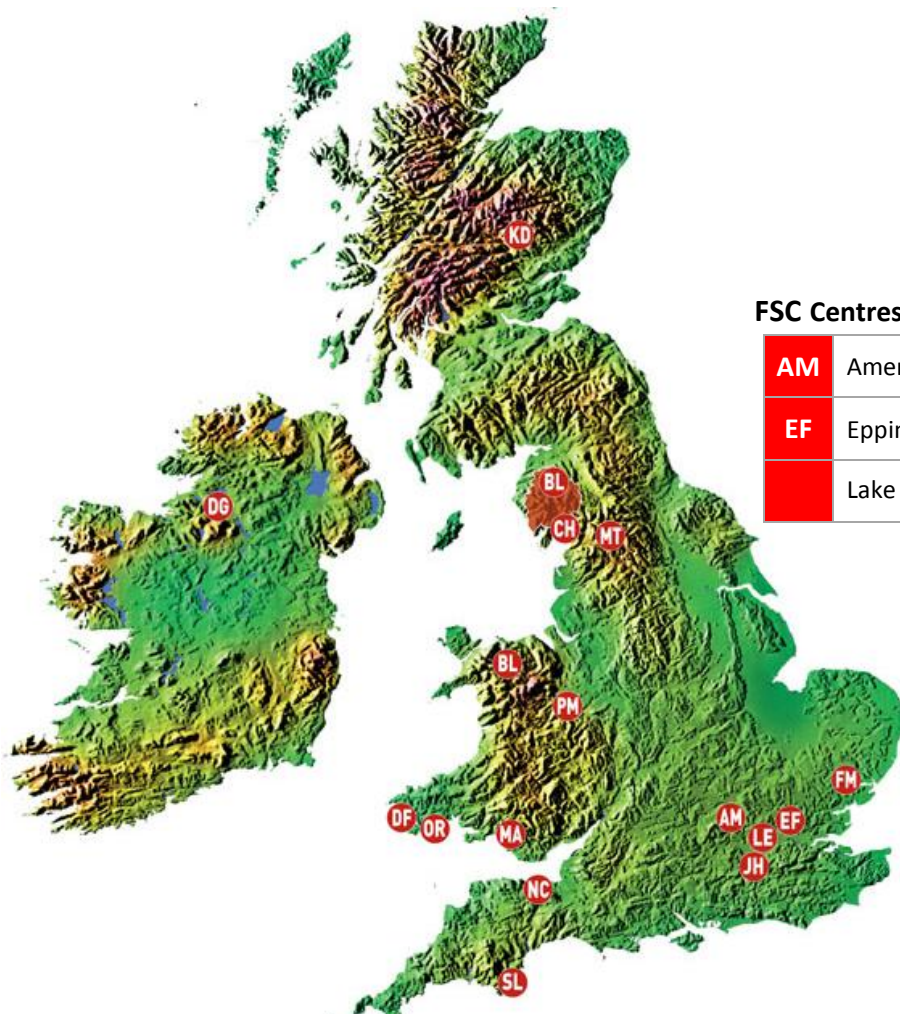
The FSC has led in campaigns to reverse the continuing decline in fieldwork within secondary schools and to build opportunities for out-of-classroom learning.

As a registered charity, the FSC receives no statutory funding. It relies solely on fees charged for courses and membership. Therefore, by visiting an FSC Centre not only are you receiving a high quality educational experience for your students, you are also helping to protect fieldwork opportunities for everybody.

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FSC CENTRES

This course is offered at our day centres listed below, set in some of the most stunning locations in the UK.



FSC Centres that offer this course:

AM	Amersham	01494 721 054
EF	Epping Forest	020 8502 8500
	Lake District	01768 779 601

TO BOOK THIS COURSE, SIMPLY:

1. Choose the time of the year you would like to attend
2. Pick the centre/centres of interest
3. [Check availability online](#) or contact head office using the details at the bottom of the page or contact the centre of your choice

**Please note to book this course the minimum size of your group must be 12 students and 1 member of staff*

Please visit

<http://www.field-studies-council.org/outdoorclassroom/geography/ocr/>

for alternative [geography fieldwork](#) courses covering [AS / A level OCR geography fieldwork](#)

The FSC prides itself on being flexible. If you can't find a course to meet your exact requirements a course specifically tailored to meet your needs can be developed. To discuss this, contact the centre of your choice. Fees will depend on what time of year you would like to visit and your length of stay but will be more expensive than FSC courses at peak periods.