



RGS-IBG Learning & Leading Fieldwork Summer School
FSC Rhyd-y-creuau, Snowdonia
Monday 23rd - Friday 27th August 2010

PROGRAMME

Monday: Welcome & introduction

1.00pm **Lunch & introduction to the course, RGS-IBG & to the centre**

2.00pm Travel to Cwm Idwal

Afternoon Session: How were the Dramatic landforms of North Wales created?

Field Locations: Cwm Idwal & Ogwen

Learning objectives

- *An opportunity for individuals to work with & get to know each other*
- *Identify landforms created during previous climatic conditions in this area of Snowdonia*

Fieldwork will focus on exploring the impact of ice on the landscape, observing the features created in glacial and periglacial environments. Students will identify a number of different landforms and outline how these landforms were created. Students will work together to create video virtual tours of the area.

6.00pm Dinner

7.00pm **Evening Session: Star orienteering around the centre**

Tuesday: Investigating why the Conwy Valley floods & how this problem can be managed

8.00am Breakfast

9.15am **Overview of the day's investigation**

Learning objectives

- *Understand the reason why the Conwy Valley is prone to flooding*
- *Consider the impacts flooding has on people and how this issue can be effectively managed*
- *Develop fieldwork and GIS skills through undertaking a geographical enquiry*

9.45am Students will assess the flood risk in the Conwy drainage basin, relating elements of the water cycle (such as infiltration) to river discharge and the likely storm hydrograph on a river. Infiltration, interception and storm run-off experiments are related to physical and human factors affecting flooding in the Conwy Valley.

1.30pm **Field Locations:** Llanrwst - A case study example of river flooding

Students will consider the impacts of flooding and observe what can be done to manage a river flooding. Activities include: mapping flood risk and assessing flood defences.

6.00pm Dinner

7.00pm **Evening Session: Using Google Earth to create GIS maps of flood risk in Llanrwst and deciding where flood prevention schemes should be built.**

Wednesday: Investigating what social and economic issues people face in rural Snowdonia

8.00am Breakfast

9.15am **Overview of the day's investigation**

Learning objectives

- *Identify social and political issues which face people in Northern Snowdonia*
- *Consider how these issues can be managed effectively*
- *Develop fieldwork skills which can be used in a variety of human environments*

9.45am **Field visit to village of Betws-y-coed:** Assess the impact that 5 million tourists a year has on this tourist honeypot, undertaking a mixture of quantitative and qualitative fieldwork.

1.30pm **Field visit to the remote & rural villages of Penmachno and Ysbty-y-ifan:** Investigating how services have declined in these settlements. This will include a brief stop at the new mountain bike trail and wedding shop which aim to help tackle these issues.

6.00pm Dinner

7.00pm **Evening Session: Role Play & Decision Making Exercise on a planning issue in Penmachno**

Thursday: Students design & plan their own investigation in small groups

8.00am Breakfast

9.15am **Overview of the day's task**

Learning objectives

- *Develop fieldwork and research skills by undertaking a self led group investigation*
- *Enhance understanding of a geographical issue/topic of particular interest to the group*

10.45am **Pre-departure Briefing:** health, safety & travel plans

11.00am **Travel to field sites and undertake fieldwork**

4.00pm Return to centre

4.30pm **Analyse information collected in the field**

6.00pm Dinner

7.00pm **Evening Session: Prepare group presentations of group investigations**

Friday: Presentations

8.00am Breakfast & check out of rooms

9.15am **Final preparations for presentations**

10.15am **Group Presentations of group field investigations**

12.30pm Final goodbyes and departure