

GEOG 1002 Geomorphological Processes

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In a Nutshell

Have you ever wondered why the earth's surface looks like it does? Why is it different in Iceland than in England? Why do parts of Chile look like Snowdonia? Do landscapes always look the same? How have people modified the Earth's landscapes – or do they?

Geomorphological Processes is all about the movement of sediments of different sizes over the earth's surface and the resulting landforms and landscapes these processes create. In this module you will learn how different landforms are created when sediments are moved by ice, wind and water. You will also learn how people have modified and changed these processes and, as a result, you will develop a better understanding of the landforms and landscapes that we inhabit.

Sediments matter; to the Earth system, through the recycling of rock back to the oceans; through the provision of habitats and the geodiversity that underpins ecosystem processes. Sediments are also fundamental to how humanity interacts with the landscape; providing areas for food production and habitation, but also creating hazards, such as flooding, dust storms and landslides.

Education and Employability

Taught by leading experts in geomorphology, students will receive the grounding they require to progress on to higher level modules. The principles and understanding of the role of sediments and landform development are a vital part of environmental management. Key transferable skills developed on the course include the ability to (i) link theory to practice, (ii) undertake practical data analysis and interpretation, and (iii) identify spatial linkages between different sets of information.



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The Student View

“I found this course useful as it helped me to get to grips with the difference of learning between A Levels and University.

“An enjoyable course to start my Geography degree.”

Anonymous feedback (2011)