



## **The first Earthlearningidea teacher professional development workshop goes online**

The first of the Earthlearningidea online teacher education workshops, is now available at: [https://www.earthlearningidea.com/home/Teaching\\_videos\\_workshops.html](https://www.earthlearningidea.com/home/Teaching_videos_workshops.html).

It was developed from one of the Earth Science Education Unit (ESEU) professional development workshops for teachers. ESEU workshops have been presented to more than 40,000 teachers and trainee (pre-service) teachers across the UK by ESEU facilitators, to several hundred teachers in Europe by EGU Field Officers, and across the world by IUGS/IGEO Field Officers. Now they are moving online to be available to everyone.

On the 'Teaching videos and Workshops' page of the Earthlearningidea website, you will find the 'Dynamic rock cycle' PowerPoint that leads the workshop and the booklet of teacher education details that supports it. The workshop is presented through a series of short videos, each one focussing on a single Earthlearningidea activity. After a starter (which you can follow yourself interactively) the workshop builds up to cover all the rock cycle processes and their products, before the plenary activities consolidate learning.

Research has shown that the ESEU workshops not only have excellent 'on the day' feedback but also change teaching in schools. This is partially because they are designed for discussion, interaction and presentation by the participants. Whilst this is not possible in the same way in an online workshop, the opportunity has been taken to reinforce the teaching of critical thinking skills. Each activity has a 'question script' which focusses on the Cognitive Acceleration through Science Education (CASE) aspects – especially designed to develop thinking skills in both participants and students.

So, take yourself through the 90 minutes-worth of videos which will not only help you to teach interactive geoscience but build your own knowledge and understanding, whilst developing the critical thinking skills of your students. Then go out and educate the world about the world.