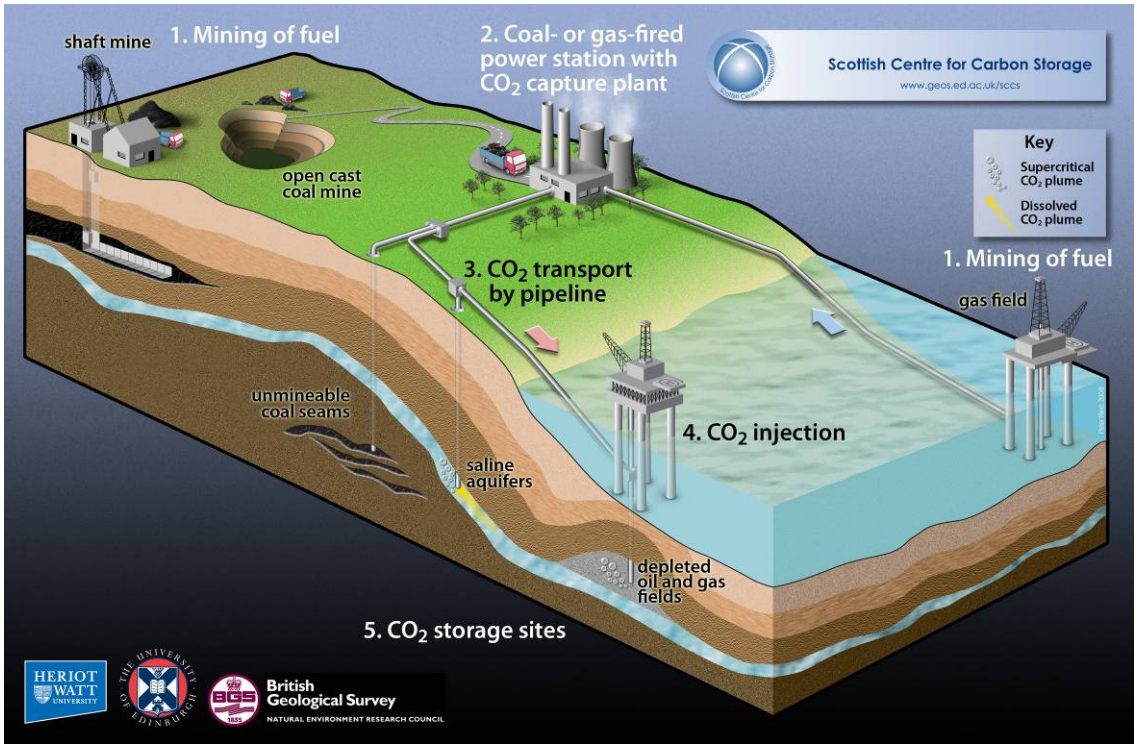
Short Course:
CO2 Storage - Geology for Engineers
4th March 2010

A Geology & Geophysics short course specially designed for engineers and managers with an interest in the deployment of Carbon Capture and Storage technology.



This one-day short course is designed for Engineers and Managers with limited or no previous geological knowledge. The aim is to provide an up-to-date introduction of the geological and geophysical aspects of CO2 Storage.

The Course will be held at Old College, the University of Edinburgh; for a map, see http://tinyurl.com/Raeburn-Room

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A successful roll-out of Carbon Capture & Storage technology will depend upon an appreciation of all the aspects of the CO_2 supply chain. This Continuing Professional Development course offers an up-to-date summary of the subsurface aspects of CO_2 storage, and is designed for Engineers and Managers with limited or no previous geological knowledge.

Programme

Day 1:

- **Introduction**

CCS and the Energy Company; basics of geology

- **Disposal Options**

Saline aquifers; depleted hydrocarbons reservoirs; unmineable coal beds

- **Geology of Reservoirs**

Clastics and Carbonates; depositional environments; petrology

- **Traps and Faults**

Faults and fractures; basic trap geometry

- **Geophysics of CO_2 Detection**

Seismic; gravity

- **Tracers of CO_2 Migration**

Natural and artificial

Registration & Fees

The fee is £650 per delegate and includes lunch, refreshments, and course materials.

Register online at http://www.erp.ac.uk/sccs/

Please register as early as possible, as places are limited.

Course Tutor

Dr. Mark Wilkinson has conducted research into subsurface fluids for 20 years. He has worked closely with the hydrocarbon industry, usually on industry-funded projects aiming to understand reservoir quality issues such as connectivity and porosity development.

Mark is currently employed by the UKERC (Energy Research Centre) to research CCS and liaise with other low-carbon energy disciplines.

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