



HARROW & HILLINGDON GEOLOGICAL SOCIETY

A Local Group of the Geologists' Association

Founded 1973

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2024 Geo-futures

A series of talks showcasing advances in the research and practice of geology.

Non-members, please register by email: contact@hhgs.org.uk

Wednesday 9th October 2024 at 8pm on Zoom

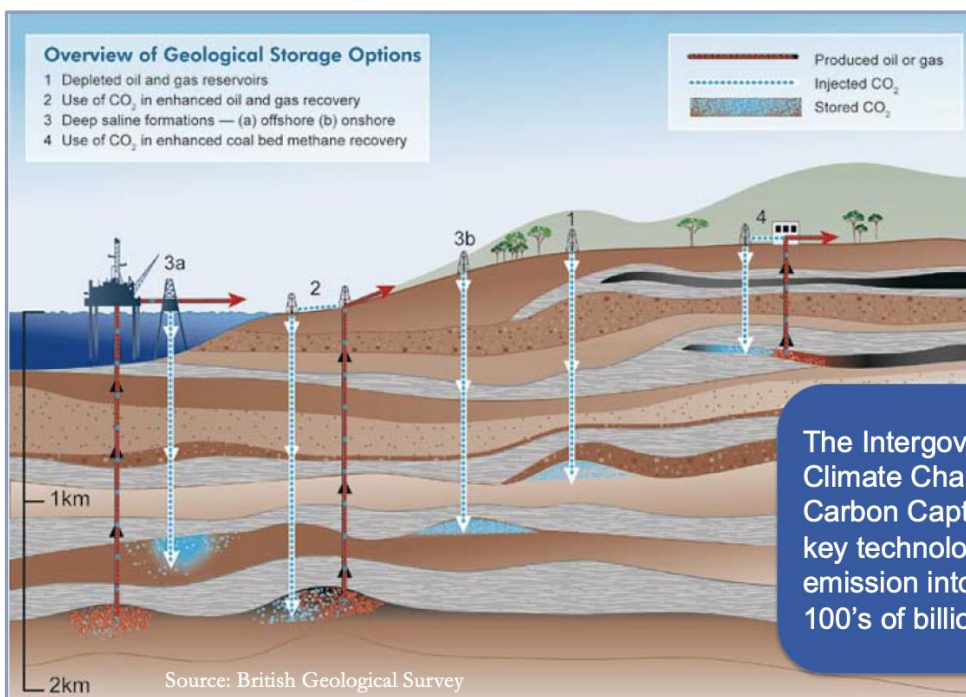
“Carbon Capture and Storage and the Future of Energy”

by Dr Gillian White (SCCS)

Dr Gillian White is a geologist with a career spanning over 30 years in the energy sector. Her current role is Programme Manager at Scottish Carbon Capture and Storage (SCCS), a research organisation at the School of Geosciences, University of Edinburgh.

Gillian will give a brief overview of her career path and the choices taken along the way. Her talk will share insights into the suite of technologies under the umbrella of carbon capture, and storage (CCS) focusing initially on the big picture before taking a more detailed look at example projects and some of the fascinating geological aspects of carbon storage.

CO₂ storage options



The Intergovernmental Panel on Climate Change (IPCC) identifies Carbon Capture and Storage as a key technology to reduce emission into the atmosphere by 100's of billions of tons until 2100

Referring to CCS In 2016, The International Energy Agency stated “No other technology solution is capable of delivering the deep emissions reductions needed across key industrial processes, such as steel, cement and chemicals manufacturing, all of which will remain vital building blocks of modern society.” Gillian’s talk will explore the basis for this statement and expose why so many governments have ambitious plans for implementing CCS.