

Hydrocarbon Gas Geochemistry

In-Person Course List of Modules

1. Introduction to gas geochemistry
2. Generation of hydrocarbon gases
3. Alteration of hydrocarbon gases
4. Principles of stable isotope geochemistry applied to hydrocarbon gases
5. Introduction to the p:IGI+ geochemical interpretation software
6. Workshop 1: Assessing the source and maturity of hydrocarbon gases
7. OPTIONAL WORKSHOP MODULE: interpretation of a selected proprietary case study (proprietary to the company)

Online Course List of Modules

1. Introduction to hydrocarbon gases geochemistry
2. Sampling and analysis of natural gas
3. Carbon cycle and source rock maturation
4. Assessing the source of hydrocarbon gases
5. Migration and mixing of hydrocarbon gases
6. Biodegradation and secondary methane
7. Quality-Control of hydrocarbon gas data
8. Workshop 1: Interpretation of source and maturity of natural gas in the UK North Sea