



12. One-dimensional seismic synthetics and well-seismic ties
13. Seismic stratigraphy
14. Basic 2D and 3D interpretation, in various structural settings
15. Reflection seismic attributes
16. Fluid and lithology prediction, including direct hydrocarbon indicators (DHIs)
17. Emerging seismic methods including Full Waveform Inversion (FWI)
18. Geotechnical, environmental, mineral, and archeological applications
19. Oil and gas applications: exploration, development, and production
20. History and state of the energy industry, emphasizing the hydrocarbon sector