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Sommario/riassunto	This proceedings presents selected papers from the International Conference on Subsurface Technology (ICSsT 2024) held during September 10-11 at the Sabah International Convention Centre, Kota Kinabalu, Malaysia. The book seeks to bring together a diverse collection of research developments in subsurface technology. It will cover topics such as subsurface imaging, energy transition focusing on rare earth elements and geothermal energy, subsurface storage

including carbon storage, hydrogen storage, and hazardous waste management, integrating IOR/EOR methods with the current energy landscape, and field digitalization utilizing machine learning and data analytics. The content of the book will appeal to researchers and engineers working in the field of subsurface technology and its applications in the energy sector.