

1. Record Nr.	UNISA996418433803316
Autore	Akram Jubran
Titolo	Understanding Downhole Microseismic Data Analysis [[electronic resource]] : With Applications in Hydraulic Fracture Monitoring / / by Jubran Akram
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-34017-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXV, 196 p. 76 illus., 68 illus. in color.)
Disciplina	551.22
Soggetti	Geophysics Fossil fuels Structural geology Geophysics and Environmental Physics Geophysics/Geodesy Fossil Fuels (incl. Carbon Capture) Structural Geology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Why this Survey? -- 3. Preparing for the Survey -- 4. Field Acquisition -- 5. Elements of a Processing Workflow -- 6. A Case Study Example of Single-well Recording -- 7. A Case study Example of Multi-well Recording -- 8. Understanding the value. .
Sommario/riassunto	This book is designed as an excellent resource text for students and professionals, providing an in-depth overview of the theory and applications of downhole microseismic monitoring of hydraulic fracturing. The readers will benefit greatly from the detailed explanation on the processes and workflows involved in the acquisition design modeling, processing and interpretation of microseismic data.