

1. Record Nr.	UNINA9910781801903321
Autore	Littke Ralf
Titolo	Dynamics of complex intracontinental basins [[electronic resource]] : the Central European basin system / / edited by Ralf Littke, Ulf Bayer, Dirk Gajewski, Susanne Nelskamp
Pubbl/distr/stampa	Berlin, : Springer-Verlag, 2008
ISBN	1-281-75699-7 9786611756994 3-540-85085-6
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (531 p.)
Altri autori (Persone)	BayerUlf GajewskiDirk NelskampSusanne
Disciplina	551.44
Soggetti	Sediments (Geology) - Europe Basins (Geology) - Europe
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Characteristics of Complex Intracontinental Sedimentary Basins -- The Central European Basin System – an Overview -- Strain and Temperature an Space and Time -- Basin Fill -- Salt Dynamics -- Fluid Systems.
Sommario/riassunto	Sedimentary basins host, among others, most of our energy and fresh-water resources: they can be regarded as large geo-reactors in which many physical and chemical processes interact. Their complexity can only be well understood in well-organized interdisciplinary co-operations. This book documents how researchers from different geo-scientific disciplines have jointly analysed the structural, thermal, and sedimentary evolution as well as fluid dynamics of a complex sedimentary basin system which has experienced a variety of activation and reactivation impulses as well as intense salt tectonics. In this book we have summarized our geological, geophysical and geochemical understanding of some of the most important processes affecting sedimentary basins in general and our view on the evolution of one of the largest, best explored and most complex continental sedimentary

