1. Record Nr. UNINA9910299454403321

Titolo	Petroleum Geosciences: Indian Contexts / / edited by Soumyajit Mukherjee
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-03119-8
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (295 p.)
Collana	Springer Geology, , 2197-9545
Disciplina	553.2820954
Soggetti	Geology Economic geology Sedimentology Fossil fuels Economic Geology Fossil Fuels (incl. Carbon Capture)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Plate-tectonic evolution of the deep ocean basins adjoining the western continental margin of India – a proposed model for the early opening scenario -- Rift Grabens and Crustal architecture of the Offshore North East Coast- Mahanadi Basin, eastern continental margin of India -- Study of CO2 EOR in a Sector Model from Mature Oil Field, Cambay Basin, India -- Organic properties and hydrocarbon generation potential of shales from few sedimentary basins of India -- Overpressure Zones in relation to in-situ stress for the Krishna-Godavari Basin, eastern continental margin of India: implications for hydrocarbon prospectivity -- Estimation of In-situ Stress and Coal Bed Methane Potential of Coal Seams from Analysis of Well logs, Ground Mapping and Laboratory Data in Central part of Jharia Coalfield– An Overview -- Calcareous algal-rich carbonate sediments from Assam Shelf, N-E India: An overview of the palaeoenvironmental implications -- Hydrocarbon potential of the palaeogene Disang Group, Manipur region, India - A palynological approach -- Identifying Relationship amongst Vitrinite/Inertinite ratio (V/I), cleat parameters, vitrinite

	reflectance, O/C ratio and permeability of coal seams & V/I ratio as exploration tool: Study from Raniganj Coal bed methane block, Essar Oil Limited, India -- Plant-microbe association-assisted removal of heavy metals and degradation of polycyclic aromatic hydrocarbons -- Enhanced Oil Recovery Techniques for Indian Reservoirs -- India: Petroleum policies and geopolitics.
Sommario/riassunto	This book incorporates original and review articles on several aspects of petroleum geosciences from Indian terrains, both onshore and offshore, and includes diverse geological (tectonic, sedimentological, organic geochemical, paleontological, stratigraphic, modelling and various others), geophysical methods and policy aspects.