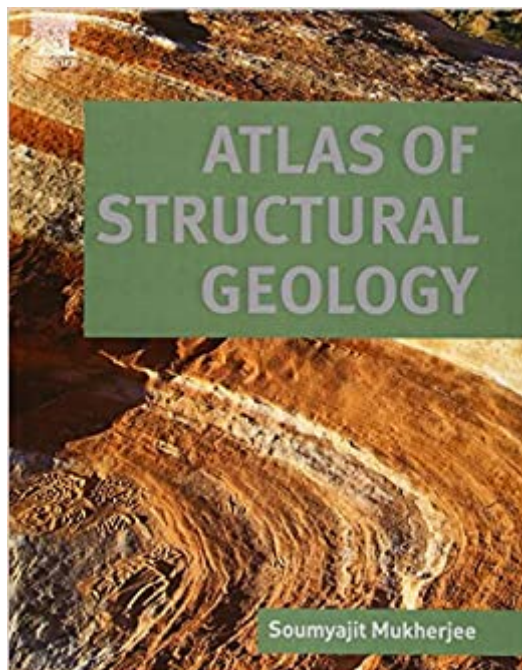


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Atlas Of Structural Geology



Synopsis

Atlas of Structural Geology features a broad and inclusive range of high-quality meso- and micro-scale full-color photographs, descriptions, and captions related to the deformation of rocks and geologic structures. It is a multi-contributed, comprehensive reference that includes submissions from many of the world's leading structural geologists, making it the most thorough and comprehensive reference available to the scientific community. All types of structures are featured, including structures related to ductile and brittle shear zones, sigma- and delta-structures, mineral fish, duplexes and trapezoids, shear related folds, and flanking structures in meso- and micro-scales. A stunning collection of the world's most beautiful and arresting geologic structures, the Atlas of Structural Geology is the ideal aid in the retention of key concepts in geology. Presents more than 250 top-quality, full-color photographs contributed by the world's most respected structural geologists. Features a broad range of morphological variations of geologic structures, making it the most up-to-date and inclusive reference of its kind. Edited by a structural geologist with 14 years of experience in related research and instruction. Aids researchers in developing mathematical and analogue models on the peculiarity and uniqueness of the world's most iconic structures.

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"Geology is a visual science unlike any other. As such, it is represented in this book in a remarkable selection of excellent, clear, crisp photographs of all manner and scales of common

deformational geologic structures – Summing Up: Highly recommended." --Choice Reviews Online

Soumyajit Mukherjee is a Professor in the Department of Earth Sciences at the Indian Institute of Technology Bombay, India. He received his Ph.D. degree in Geology and M.Tech. in Applied Geology from IIT Roorkee in 2007 and 2002, respectively. He did his B.Sc. with Geology (Honors) from Presidency College (Kolkata) in 1999. He was a recipient of the Hutchison Young Scientist Award from IUGS in 2004. He served as the Guest Researcher at the Hans Ramberg Tectonic Lab, Uppsala University during 2005-2006. Dr. Mukherjee, a structural geologist and tectonician, has been performing fieldwork, microstructural studies, analogue- and analytical modelling, mainly on ductile shear kinematics and collisional tectonics. His research and editorial experience spans 15 years and so far he has authored and (co)edited 12 books. He presently serves as an Associate Editor of the International Journal of Earth Sciences (Springer) and the Series Editor for the Developments in Structural Geology and Tectonics (Elsevier).

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