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Structural Geological Atlas

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- Achyuta Ayan Misra
- Mohit Kumar
- Swagato Dasgupta
- Tuhin Biswas
- Aditya Joshi
- Manoj A. Limaye
- Presents numerous structural geological features from several Indian terrains
- Features more than 600 full-color photographs
- Provides essential reference material for tectonicians and structural geologists

Book

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About this book

Introduction

This book presents more than 600 eye-catching structural geological photographs and explanatory descriptions, from different Indian terrains. This book will enable easy identification of deformation features, one of the most important tasks in structural geology at the meso- and micro-scales. The book focuses on ductile and brittle shear sense indicators. This book suits for the undergraduate and graduate geoscience students.

The book will be of considerable interest to tectonicians and structural geologists, given the enormous international importance of Indian terrains for exploration and other purposes.

Keywords

Structural Geology Meso and Micro Scale Himalayan Geoscience

Ductile Shear Sense Indicators Grain Boundary Migrations Brittle Shear Sense Indicators

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Dr. Soumyajit Mukherjee is an Associate Professor at the Department of Earth Sciences, Indian Institute of Technology Bombay. Dr. Mukherjee completed his Bachelor's degree with Geology Hons. at Presidency College, University of Calcutta, in 1999 and his M.Tech. in Applied Geology at the Indian Institute of Technology Roorkee in 2002, where he subsequently received his Ph.D. degree in Geology in 2007.

Dr. Mukherjee was a Guest Researcher at the Hans Ramberg Tectonic Lab, Uppsala University, Sweden during 2005-2006. He joined the Department of Earth Sciences, IIT Bombay in 2009.

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