

1. Record Nr.	UNINA9910409666803321
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Titolo	Contouring Human Development : Methods and Applications Using an Indian District as Case Study // by Mukunda Mishra, Soumendu Chatterjee
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-4083-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (387 pages)
Disciplina	330.954
Soggetti	Regional economics Space in economics Economic geography Development economics Regionalism Developmental psychology Regional and Spatial Economics Economic Geography Development Economics Developmental Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Does geography matter in human development? -- Chapter 2. On contouring human development -- Chapter 3. Briefing the area for case study -- Chapter 4. Mapping the components of human development -- Chapter 5. Mapping economic inequality -- Chapter 6. Drawing the contours of educational attainment -- Chapter 7. Mapping public health scenario -- Chapter 8. Strategy mapping with predictive modelers.
Sommario/riassunto	This book acquaints readers with a range of techniques to help them effectively identify, record, map, analyze and report on patterns in various dimensions of human development (HD) with spatial scales down to the village level. It is impossible to capture HD at the local and global scale with only a single index, because differences in HD at the

international scale are caused by 'general' factors, whereas local-scale differences are influenced by 'specific' factors. This book offers a variety of methods for scientifically mapping HD at any spatial scale. It covers how to rationally select variables; how to test the models; how to validate the results, and how to analyze them. For this purpose, it employs a case study on an Indian district. The socio-economic factors regulating the patterns of HD are now more complex than they were only a few decades ago, making it essential to incorporate newer models in order to successfully 'replicate' the real-world situation. Accordingly, the book offers essential methodological tools & techniques for mapping HD. It sheds new light on a handful of statistical multivariate analysis and machine learning algorithms that are rarely used in the social sciences when dealing with HD, yet have sound mathematical and statistical bases. These techniques can be successfully used for predictive analysis in the earth & natural sciences, decision sciences and management disciplines, and are equally effective in terms of capturing, predicting and projecting the composite HD 'landscape.' This book will especially benefit two groups of readers: firstly, HD practitioners who want to find out 'why some areas are doing better than others' by exploring the complex interactions of spatially linked variables with different HD parameters. And secondly, practitioners in other branches of the social sciences who are not concerned with HD but are looking for 'hands-on training' with techniques they can apply in their respective field of spatial investigations. .
