Record Nr. UNINA9910337918603321 Autore Bhunia Gouri Sankar **Titolo** Geospatial Analysis of Public Health / / by Gouri Sankar Bhunia, Pravat Kumar Shit Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-030-01680-3 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XXVI, 228 p. 71 illus., 32 illus. in color.) Disciplina 910.285 614.40285 Soggetti Geographical information systems Medical geography Environmental health **Environmental monitoring** Health informatics Geographical Information Systems/Cartography Medical Geography **Environmental Health** Monitoring/Environmental Analysis **Health Informatics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Introduction -- Spatial database for public health -- Spatio-temporal assessment of health events -- Analyzing spatial clustering of health events -- Exploring ecology and associated disease pattern -- Spatial technology in health-care planning and policy. Sommario/riassunto This book is specifically designed to serve the community of postgraduates and researchers in the fields of epidemiology, health GIS, medical geography, and health management. It starts with the basic concepts and role of remote sensing, GIS in Kala-azar diseases. The book gives an exhaustive coverage of Satellite data, GPS, GIS, spatial and attribute data modeling, and geospatial analysis of Kala-

azar diseases. It also presents the modern trends of remote sensing

and GIS in health risk assessment with an illustrated discussion on its numerous applications. .