

# Geographic Data Mining and Knowledge Discovery

Edited by

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Harvey J. Miller and

Geographic Data Mining and Knowledge Discovery (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)



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Developments in automated data collection are creating massive databases and a whole new field, Understanding Discovery Databases (KDD), provides emerged to develop new ways of managing and exploiting them. The unique challenges brought about by the storing of substantial geographical databases - from high resolution satellite-centered systems to data from intelligent transportation systems, for example - has resulted in the field of Geographical Knowledge Discovery (GKD). Geographic Data Mining and Knowledge Discovery is the interrogation of huge databases using efficient computational methods. Geographic or spatial data mining is the exploration of these geographical info databases. Developed out of contributions to the highly-respected Varenus Project in 1999, this collection would be the definitive quantity concentrating on GKD and addresses the unique challenges to be found in understanding discovery and data mining from geographic databases.



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Good coverage of crucial areas The book will a nice job of covering most of the key areas and outstanding problems in the area of geographic data mining. Overall a terrific way to quickly get familiar with the research in this area. Although it does have some insurance of temporal problems related to the field, it would reap the benefits of more coverage of the up and coming study area. A very complet book on very specific subject I think it is the lone reserve which speaks in a such level of details of data mining applied to geographic problems in a sort of overview of all of them. Also if the book lakes a little bit of concistency because it's a sum of articles of different autors this book should be within your own library in the event that you do data mining, geomarketng or both. The most interesting chapters are for me personally in the part 3 of the book more focus of classical data mining algorithms but in integrating a geographic (x/y) component.

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