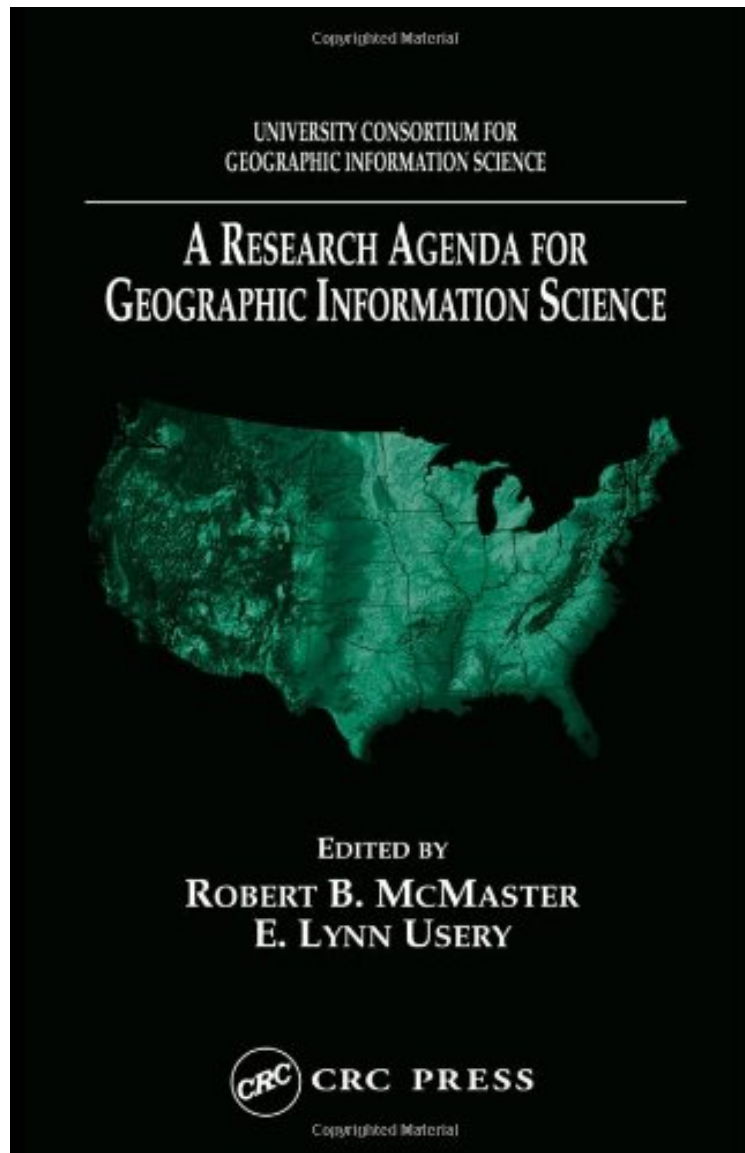


[Library ebook] A Research Agenda for Geographic Information Science

A Research Agenda for Geographic Information Science

From CRC Press

*ebooks | Download PDF | *ePub | DOC | audiobook*



DOWNLOAD



+

READ ONLINE

#4804460 in Books 2004-08-30 Original language: English PDF # 1 9.25 x 6.25 x 1.251, 1.55 #File Name: 0849327288416 pages | File size: 46.Mb

From CRC Press : A Research Agenda for Geographic Information Science before purchasing it in order to gauge whether or not it would be worth my time, and all praised A Research Agenda for Geographic Information Science:

A close relationship exists between GIS and numerous applications, including cartography, photogrammetry, geodesy, surveying, computer and information science, and statistics, among others. Scientists coined the term "geographic

information science (GIScience)" to describe the theory behind these fields. A Research Agenda for Geographic Information Science extensively details the issues and fundamental scientific problems that must be solved if the use of GIS in these and other fields is to advance. Immediately following the founding of the University Consortium for Geographic Information Science (UCGIS), the group identified in a Research Agenda the topics that represented major challenges to the GIS research community. The first chapter of this book delivers an introduction to the agenda and to the collective guidance that the agenda provides to researchers. Chapters 2-10 discuss nine original research challenges. Chapters 11-14 provide the basis of the agenda's four "Emerging Themes." Each chapter, written by researchers involved in the conception of the topics, discusses basic research elements, the UCGIS approach, the need for the National research agenda, contributions to knowledge and society, and offers a complete set of references. The final section draws general conclusions about the UCGIS approach and the defined research challenges.

"The publication of this book is a significant milestone in the development of GIScience" Michael F. Goodchild, University of California, Santa Barbara, from The Foreword