Record Nr. UNINA9910459033603321 GIS in hospital and healthcare emergency management / / editor, Ric **Titolo** Skinner Pubbl/distr/stampa Boca Raton:,: Taylor & Francis,, 2010 **ISBN** 0-429-24607-2 1-4398-5705-9 1-4398-2131-3 Descrizione fisica 1 online resource (282 p.) Altri autori (Persone) SkinnerRic Disciplina 362.180285 Emergency management - Geographic information systems Soggetti **Emergency management** Emergency medical services - Geographic information systems **Emergency medical services** Geographic information systems Hospitals - Emergency services Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Front cover; Contents; Foreword; Preface; About the Editor; Nota di contenuto Contributors; Peer Reviewers; Chapter 1. Introduction; Section I. Conceptual Approaches; Chapter 2. A Spatial Approach to Hazard Vulnerability Analysis by Healthcare Facilities; Chapter 3. Using GIS to Improve Workplace and Worker Safety Crisis Management; Chapter 4. Infectious Disease Surveillance and GIS: Applications for Emergency Management; Chapter 5. Role of GIS in Interagency Healthcare Logistical Support during Emergencies Chapter 6. Design Concept for aLocation-Based Hazard Vulnerability Assessment Tool for Healthcare FacilitiesSection II. Applications; Chapter 7. Trauma Center Siting, Optimization Modeling, and GIS; Chapter 8. Healthcare Facility Disaster Planning: Using GIS to Identify Alternate Care Sites; Chapter 9. Multiscale Enterprise GIS for Healthcare Preparedness in South Carolina; Chapter 10. Hospital Preparedness

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Sommario/riassunto

Although many books have been published on the application of GIS in emergency management and disaster response, this is the first one to bring together a comprehensive discussion of the critical role GIS plays in hospital and healthcare emergency management and disaster response. Illustrating a wide range of practical applications, GIS in Hospital and Healthcare Emergency Management explores how GIS data is being used to assess need, determine surge capacity, and improve logistics in emergency or disaster scenarios. Leading experts in the field provide authoritative