

1. Record Nr.	UNINA9910823699103321
Titolo	GIS in hospital and healthcare emergency management // edited by Ric Skinner
Pubbl/distr/stampa	Boca Raton, Fla. ; ; London, : CRC Press, c2010
ISBN	0-429-24607-2 1-4398-5705-9 1-4398-2131-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (282 p.)
Altri autori (Persone)	SkinnerRic
Disciplina	362.180285
Soggetti	Emergency management - Geographic information systems Emergency management Emergency medical services - Geographic information systems Emergency medical services Geographic information systems Hospitals - Emergency services
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.
Nota di contenuto	Front cover; Contents; Foreword; Preface; About the Editor; 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 andGIS: Applications for Emergency Management; Chapter 5. Role of GIS in Interagency Healthcare Logistical Support during Emergencies Chapter 6. Design Concept fora Location-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 Planning for Evacuation and Sheltering with GIS in South Carolina; Chapter 11. Making Sense Out of Chaos: Improving Prehospital and

Disaster Response; Section III. Case Stories

Chapter 12. Disaster Preparedness for Influenza at a Community Hospital Network: A Case Study Using GISChapter 13. Disaster Preparedness and Response for Vulnerable Populations: Essential Role of GIS for Emergency Medical Services during the San Diego County 2007 Firestorm; Chapter 14. Natural Disasters and the Role of GIS in Assessing Need; Chapter 15. GIS Application and a Regionalized Approach for Mass Casualty Incident Planning; Chapter 16. Building a GIS Common Operating Picture for Integrated Emergency Medical Services and Hospital Emergency Management Response; Index; Back cover

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
