

1. Record Nr.	UNINA9910958309403321
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 Emergency Service, Hospital Geographic Information Systems Disaster Planning Emergency Medical 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 and GIS: Applications for Emergency Management; Chapter 5. Role of GIS in Interagency Healthcare Logistical Support during Emergencies Chapter 6. Design Concept for a Location-Based Hazard Vulnerability Assessment Tool for Healthcare Facilities Section 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 GIS Chapter 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
