

1. Record Nr.	UNISA996465573803316
Titolo	GeoSensor networks : third international conference, GSN 2009, Oxford, UK, July 13-14, 2009, proceedings / / Niki Trigoni, Andrew Markham, Sarfraz Nawaz (editors)
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer-Verlag, , [2009] ©2009
ISBN	1-282-29794-5 9786612297946 3-642-02903-5
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (196 p.)
Collana	Lecture Notes in Computer Science ; ; 5659
Disciplina	910.285
Soggetti	Geographic information systems Sensor networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Sensing and In-Network Processing -- Distributed Network Configuration for Wavelet-Based Compression in Sensor Networks -- Spatially-Localized Compressed Sensing and Routing in Multi-hop Sensor Networks -- Estimation of Pollutant-Emitting Point-Sources Using Resource-Constrained Sensor Networks -- Hyperellipsoidal SVM-Based Outlier Detection Technique for Geosensor Networks -- Routing -- Genetic Algorithm for Clustering in Wireless Adhoc Sensor Networks -- VGTR: A Collaborative, Energy and Information Aware Routing Algorithm for Wireless Sensor Networks through the Use of Game Theory -- Building Efficient Aggregation Trees for Sensor Network Event-Monitoring Queries -- Improving Chord Network Performance Using Geographic Coordinates -- Analysis and Modelling -- RFID Data Aggregation -- A Framework for Trajectory Clustering -- Preliminaries for Topological Change Detection Using Sensor Networks -- Applications and Interoperability -- On the Feasibility of Early Detection of Environmental Events through Wireless Sensor Networks and the Use of 802.15.4 and GPRS -- Deploying a Wireless Sensor Network in Iceland -- Efficient Viewpoint Selection for Urban Texture

Documentation -- User Requirements and Future Expectations for Geosensor Networks – An Assessment -- A Reference Architecture for Sensor Networks Integration and Management -- A Stimulus-Centric Algebraic Approach to Sensors and Observations.

---

**Sommario/riassunto**

This book constitutes the proceedings of the Third International Conference on GeoSensor Networks, GSN 2009, held in Oxford, UK, on July 13-14, 2009. The 15 contributions presented together with 2 invited papers were carefully reviewed and selected from 32 submissions. This volume includes papers covering a variety of topics, ranging from sensing, routing and in-network processing, to data modelling, analysis and applications. It reflects the cross-disciplinary nature of geosensor networks by bringing together ideas from different fields, such as geographic information systems, distributed sys

---