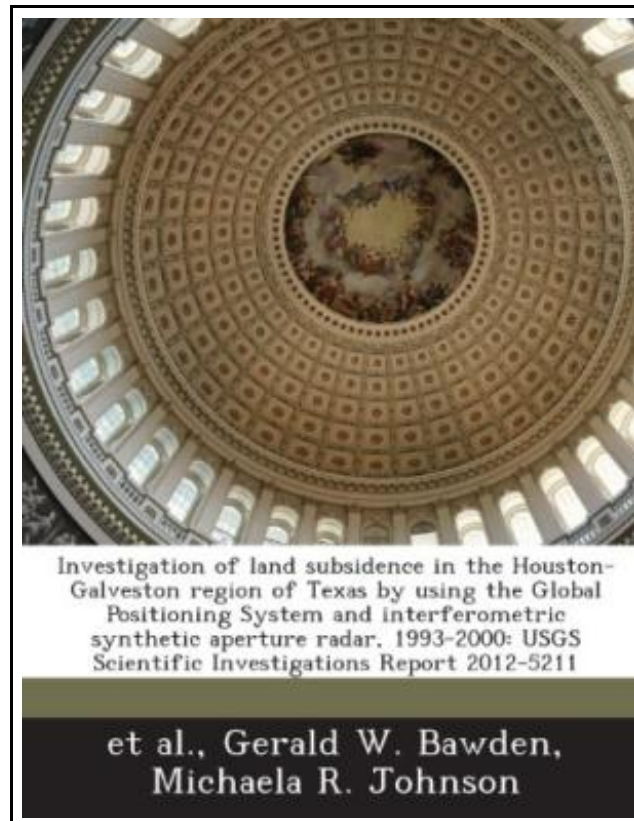


Investigation of Land Subsidence in the Houston-Galveston Region of Texas by Using the Global Positioning System and Interferometric Synthetic Aperture Radar, 1993-2000: Usgs Scientific Investigations Report 2012-5211 (Paperback)



Filesize: 7.31 MB

Reviews

This pdf will not be simple to start on reading through but extremely enjoyable to see. I have read and i also am sure that i will planning to read through again once more in the foreseeable future. You wont really feel monotony at whenever you want of the time (that's what catalogues are for relating to if you request me).

(Mallory Kertzmann V)

INVESTIGATION OF LAND SUBSIDENCE IN THE HOUSTON-GALVESTON REGION OF TEXAS BY USING THE GLOBAL POSITIONING SYSTEM AND INTERFEROMETRIC SYNTHETIC APERTURE RADAR, 1993-2000: USGS SCIENTIFIC INVESTIGATIONS REPORT 2012-5211 (PAPERBACK)



To get **Investigation of Land Subsidence in the Houston-Galveston Region of Texas by Using the Global Positioning System and Interferometric Synthetic Aperture Radar, 1993-2000: Usgs Scientific Investigations Report 2012-5211 (Paperback)** PDF, remember to click the web link beneath and download the file or have accessibility to other information which might be related to INVESTIGATION OF LAND SUBSIDENCE IN THE HOUSTON-GALVESTON REGION OF TEXAS BY USING THE GLOBAL POSITIONING SYSTEM AND INTERFEROMETRIC SYNTHETIC APERTURE RADAR, 1993-2000: USGS SCIENTIFIC INVESTIGATIONS REPORT 2012-5211 (PAPERBACK) ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Since the early 1900s, groundwater has been the primary source of municipal, industrial, and agricultural water supplies for the Houston-Galveston region, Texas. The region's combination of hydrogeology and nearly century-long use of groundwater has resulted in one of the largest areas of subsidence in the United States; by 1979, as much as 3 meters (m) of subsidence had occurred, and approximately 8,300 square kilometers of land had subsided more than 0.3 m. The U.S. Geological Survey, in cooperation with the Harris-Galveston Subsidence District, used interferometric synthetic aperture radar (InSAR) data obtained for four overlapping scenes from European remote sensing satellites ERS-1 and ERS-2 to analyze land subsidence in the Houston-Galveston region of Texas. The InSAR data were processed into 27 interferograms that delineate and quantify land-subsidence patterns and magnitudes. Contemporaneous data from the Global Positioning System (GPS) were reprocessed by the National Geodetic Survey and analyzed to support, verify, and provide temporal resolution to the InSAR investigation. The interferograms show that the area of historical subsidence in downtown Houston along the Houston Ship Channel has stabilized and that recent subsidence occurs farther west and north of Galveston Bay. Three areas of recent subsidence were delineated along a broad arcuate (bowshaped) feature from Spring, Tex., southwest to Cypress, Tex., and south to Sugar Land, Tex., with subsidence rates ranging from 15 millimeters per year (mm/yr) to greater than 60 mm/yr. Multiyear interferograms near Seabrook, Tex., within the historical subsidence area and nearby Galveston Bay, show several fringes of subsidence (approximately 85 millimeters from January 1996 to December 1997) in the area; however it is difficult to determine the subsidence magnitude near Seabrook because many of the InSAR fringes...



[Read Investigation of Land Subsidence in the Houston-Galveston Region of Texas by Using the Global Positioning System and Interferometric Synthetic Aperture Radar, 1993-2000: Usgs Scientific Investigations Report 2012-5211 \(Paperback\) Online](#)



[Download PDF Investigation of Land Subsidence in the Houston-Galveston Region of Texas by Using the Global Positioning System and Interferometric Synthetic Aperture Radar, 1993-2000: Usgs Scientific Investigations Report 2012-5211 \(Paperback\)](#)



[Download ePUB Investigation of Land Subsidence in the Houston-Galveston Region of Texas by Using the Global Positioning System and Interferometric Synthetic Aperture Radar, 1993-2000: Usgs Scientific Investigations Report 2012-5211 \(Paperback\)](#)

See Also



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Follow the web link beneath to download "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" document.

[Download eBook »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)

Follow the web link beneath to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" document.

[Download eBook »](#)



[PDF] Ohio Court Rules 2013, Practice Procedure (Paperback)

Follow the web link beneath to download "Ohio Court Rules 2013, Practice Procedure (Paperback)" document.

[Download eBook »](#)



[PDF] Froebel s Occupations (Paperback)

Follow the web link beneath to download "Froebel s Occupations (Paperback)" document.

[Download eBook »](#)



[PDF] A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)

Follow the web link beneath to download "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)" document.

[Download eBook »](#)



[PDF] A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)

Follow the web link beneath to download "A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)" document.

[Download eBook »](#)

**[PDF] Firelight Stories; Folk Tales Retold for Kindergarten, School and Home (Paperback)**

Click the hyperlink under to download and read "Firelight Stories; Folk Tales Retold for Kindergarten, School and Home (Paperback)" document.

[Download eBook »](#)

**[PDF] ESV Study Bible, Large Print (Hardback)**

Click the hyperlink under to download and read "ESV Study Bible, Large Print (Hardback)" document.

[Download eBook »](#)

**[PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)**

Click the hyperlink under to download and read "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)" document.

[Download eBook »](#)

**[PDF] The Sunday Kindergarten Game Gift and Story: A Manual for Use in the Sunday, Schools and in the Home (Classic Reprint) (Paperback)**

Click the hyperlink under to download and read "The Sunday Kindergarten Game Gift and Story: A Manual for Use in the Sunday, Schools and in the Home (Classic Reprint) (Paperback)" document.

[Download eBook »](#)

**[PDF] Things I Remember: Memories of Life During the Great Depression (Paperback)**

Click the hyperlink under to download and read "Things I Remember: Memories of Life During the Great Depression (Paperback)" document.

[Download eBook »](#)

**[PDF] Ohio Court Rules 2014, Government of Bench Bar (Paperback)**

Click the hyperlink under to download and read "Ohio Court Rules 2014, Government of Bench Bar (Paperback)" document.

[Download eBook »](#)