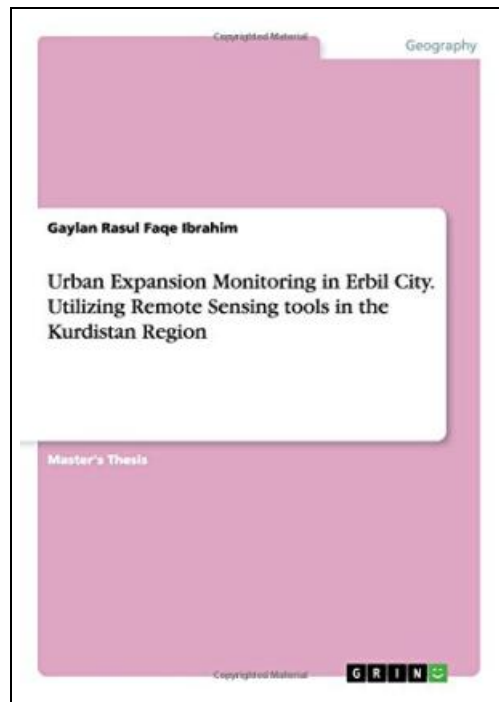


Urban Expansion Monitoring in Erbil City. Utilizing Remote Sensing tools in the Kurdistan Region



Filesize: 6.06 MB

Reviews

Completely essential read book. I could possibly comprehend every little thing using this written e book. You wont sense monotony at at any moment of your own time (that's what catalogues are for relating to if you ask me).
(Rosendo Douglas DVM)

URBAN EXPANSION MONITORING IN ERBIL CITY. UTILIZING REMOTE SENSING TOOLS IN THE KURDISTAN REGION

[DOWNLOAD](#)

GRIN Verlag Dez 2015, 2015. Taschenbuch. Condition: Neu. Neuware - Master's Thesis from the year 2013 in the subject Geography / Earth Science - Cartography, Geographic Information Science and Geodesy, Sheffield Hallam University (Sheffield Hallam University), language: English, abstract: Monitoring urban land use/cover changes provide spatio-temporal information on the pattern and the amount of the changes that has taken place across the land use/cover classes, and the information obtained from the urban expansion are valuable for sustainable planning and management of urban resources. Remote sensing techniques provide fast and effective means for classifying and mapping urban land cover/use change through examining spectra characteristics of multi-dates satellite images. In recent years, Kurdistan region cities have witnessed a rapid growth of the urban rates due to previous socio-economic and political variations in the area. The purpose of the study is to analyse and visualize spatial pattern of urban land use changes in Erbil city-Kurdistan and to quantify the amount of variations in the land use classes by applying remote sensing approach. The research examines multi-dates Landsat 5 TM imageries for 1987, 2000 and 2011 by using supervised classification of maximum Likelihood classifier to display and measure the changes in the land use/classes in ERDAS 9.1 image processing software. The accuracy of the overall classification was measured by using confusion metrics and Kappa coefficient to test overall accuracy classification. The study achieved an overall accuracy which rate from 95, 96.43 and 94.29 in 1987, 2000 and 2011 respectively, which indicates that the research has achieved a significant level of classes. The outcome of the study revealed that the study area has remarkably experienced changes in its land use/cover during the period of the study as built up area was increased by (3975.66 to 6123.7 hectares) over in 1987 to 2000, and (6123.7 to...

[Read Urban Expansion Monitoring in Erbil City. Utilizing Remote Sensing tools in the Kurdistan Region Online](#)[Download PDF Urban Expansion Monitoring in Erbil City. Utilizing Remote Sensing tools in the Kurdistan Region](#)

Related PDFs

**Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph**

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!

[Save ePub »](#)

**Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America**

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-...

[Save ePub »](#)

**Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success**

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How...

[Save ePub »](#)

**Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age**

Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video...

[Save ePub »](#)

**A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)**

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic....

[Save ePub »](#)

**Shlomo Aronson: Making Peace with the Land, Designing Israel's Landscape**

Spacemaker Press. Hardcover. Book Condition: New. 1888931167 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-

[Download PDF »](#)

**Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)**

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Sarah's New World: The Mayflower Adventure 1620 by Colleen L. Reece. Sisters in Time Series book 1. Christian stories for

[Download PDF »](#)

**Houdini's Gift**

Independent Publishers Group (IPG) - Chicago Review Press, 2009. Hardcover. Book Condition: New. Revisiting well-loved characters from a past adventure, this picture book presents animal-loving Ben with the challenge of having another pet after losing

[Download PDF »](#)

**Will My Kid Grow Out of It?: A Child Psychologist's Guide to Understanding Worrisome Behavior**

Chicago Review Press. Paperback. Book Condition: new. BRAND NEW, Will My Kid Grow Out of It?: A Child Psychologist's Guide to Understanding Worrisome Behavior, Bonny J. Forrest, At some point most parents wonder whether their

[Download PDF »](#)

**Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)**

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20). Publisher recommended for ages 8 to 12

[Download PDF »](#)