

The Use of Landsat Thematic Mapper in the Study of Landuse/Cover and Water Quality Relationships

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in partial fulfillment of the requirements for the degree of

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in

Biological Systems Engineering

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Key Words: Remote sensing, Landuse/cover change, Water quality, Chromaticity

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Central Intelligence Agency. 2009. The World Factbook: Jordan. Central Intelligence Agency. Available at: <https://www.cia.gov/library/publications/the-world-factbook/geos/jo.html>. Accessed March 2010.

Figure Error! No text of specified style in document..2. The CIE (RGB) primaries and location of primaries on the CIE 1931 xy chromaticity diagram.

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International Commission on Illumination. 1931. CIE 1931 color space. Available at: www.cie.co.at. Accessed April 2010.

Figure Error! No text of specified style in document..3. Chromaticity diagram space.

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Campbell, J. B. 2007. Introduction to Remote Sensing. 4th ed. Guilford Press, New York. PP 544.

Figure Error! No text of specified style in document..4. Screen shot of GCPs on reference image.

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Department of the Interior/ USGS. 2006. U.S Geological Survey. Available at: <http://glovis.usgs.gov>. Accessed May 2010.

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Department of the Interior/ USGS. 1960. U.S Geological Survey. Available at: <http://glovis.usgs.gov>. Accessed May 2010.

Figure Error! No text of specified style in document..6. King Talal Dam area, image acquired in 2001.

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Department of the Interior/ USGS. 2001. U.S Geological Survey. Available at: <http://glovis.usgs.gov>. Accessed May 2010.

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Introduction to Remote Sensing . James B. Campbell. 4th edition .

Chromaticity plot: Figure 19.5. P. 544.

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Lubna Shihadeh
Master student
Biological systems Engineering
Virginia Tech.