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APPENDIX **A**

PUBLICATIONS EMANATING FROM THIS THESIS AND RELATED WORK

A.1 PAPERS THAT APPEARED IN THOMSON INSTITUTE FOR SCIENTIFIC INFORMATION (ISI) JOURNALS

- W. Kleynhans, J. C. Olivier, K. J. Wessels, F. van den Bergh, B. P. Salmon and K. C. Steenkamp, *Improving land-cover class separation using an extended Kalman filter on MODIS NDVI time-series data*, IEEE Geoscience and Remote Sensing Letters, vol. 7, no. 2, April 2010, pp 381-385
- W. Kleynhans, J. C. Olivier, K. J. Wessels, F. van den Bergh, B. P. Salmon and K. C. Steenkamp, *Detecting Land Cover Change Using an Extended Kalman Filter on MODIS NDVI Time Series Data*, IEEE Geoscience and Remote Sensing Letters, IEEE Geoscience and Remote Sensing Letters, vol. 8, no. 3, May 2011, pp 507-511
- B. P. Salmon, J. C. Olivier, K. J. Wessels, W. Kleynhans, F. van den Bergh and K. C. Steenkamp, *Unsupervised land-cover change detection: Meaningful Sequential Time Series Analysis*, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, (Available on-line @ IEEE Early Access - doi:10.1109/JSTARS.2010.2053918)

A.2 PAPERS SUBMITTED TO THOMSON ISI JOURNALS

- B. P. Salmon, J. C. Olivier, K. J. Wessels, F. van den Bergh, W. Kleynhans and K. C. Steenkamp, *Automated land-cover change detection using MODIS satellite time series data: Introducing the temporal sliding window*, Applied Earth Observation and Geoinformation (Submitted)

A.3 PAPERS PUBLISHED IN REFEREED ACCREDITED CONFERENCE PROCEEDINGS

- W. Kleynhans, J. C. Olivier, B. P. Salmon, K. J. Wessels and F. van den Bergh, *Improving NDVI time series class separation using an extended Kalman filter*, IEEE Geoscience and Remote Sensing Symposium 2009, Cape Town, South Africa 12-17 July 2009
- W. Kleynhans, J. C. Olivier, B. P. Salmon, K. J. Wessels and F. van den Bergh, *A spatio-temporal approach to detecting land-cover change using an extended Kalman filter on MODIS time series data*, IEEE Geoscience and Remote Sensing Symposium 2010, Hawaii, USA, 25-30 July 2010
- W. Kleynhans, J. C. Olivier, B. P. Salmon, K. J. Wessels and F. van den Bergh, *A comparison of feature extraction methods within a spatio-temporal land cover change detection framework*, IEEE Geoscience and Remote Sensing Symposium 2011, Vancouver, Canada, 24-29 July 2011 (Accepted)
- B. P. Salmon, J. C. Olivier, W. Kleynhans, K. J. Wessels and F. van den Bergh, *Meta-optimization of the extended Kalman filters parameters for improved feature extraction on hypertemporal images*, IEEE Geoscience and Remote Sensing Symposium 2011, Vancouver, Canada, 24-29 July 2011 (Accepted)
- B. P. Salmon, J. C. Olivier, W. Kleynhans, K. J. Wessels and F. van den Bergh, *The quest for automated land-cover change detection using satellite time series data: meaningful high temporal time series extraction*, IEEE Geoscience and Remote Sensing Symposium 2009, Cape Town, South Africa 12-17 July 2009
- B. P. Salmon, J. C. Olivier, W. Kleynhans, K. J. Wessels and F. van den Bergh, *Automated land-cover change detection: The quest for meaningful high temporal time series extraction*, IEEE Geoscience and Remote Sensing Symposium 2010, Hawaii, USA, 25-30 July 2010

A.4 INVITED CONFERENCE PAPERS IN REFEREED ACCREDITED CONFERENCE PROCEEDINGS

- W. Kleynhans, J. C. Olivier, B. P. Salmon, K. J. Wessels and F. van den Bergh, *An autocorrelation analysis approach to detecting land cover change using hyper-temporal time-series data*, IEEE Geoscience and Remote Sensing Symposium 2011, Vancouver, Canada, 24-29 July 2011 (Invited Session: Change Detection and Multitemporal Image Analysis)

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