List MSc theses in which satellite images derived via GEONETCast-receving system and toolbox is being used.

Amoni, E.L. (2010) Estimation of rainfall rates using 3D cloud properties from the meteosat second generation and CloudSat satellites. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2010. Full text

Fenta, A.A. (2010) Assessing diurnal variability of rainfall : a remote sensing based approach. English, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2010. Full text

Mamo, T.A. (2010) Estimation of actual evapotranspiration and water balance using combined geostationary and polar orbiting satellite products : a case study in Spain. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2010. Full text

Kimani, M.W. (2011) Rain rate estimation of northwest Europe and Kenya from seviri sensor retrievals : comparison of precipitation properties visible and near infrared and hydro - estimator algorithms. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2011. Full text

Ataklti, T.Y. (2012) Assessing the potential of geonetcast earth observation and in situ data for drought early warning and monitoring in Tegray, Ethiopia. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2012. Full text

Gelassie, T.Y. (2012) Remote sensing evapotranspiration using geonetcast and in situ data streams for drought monitoring and early warning : case study for the Amhara region in Ethiopia. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2012. Full text

Koriche, S.A. (2012) Remote sensing based hydrological modelling for flood early warning in the upper and middle Awash river basin. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2012. Full text

Muhammed, A.H. (2012) Satellite based evapotranspiration estimation and runoff simulation : a topmodel application to the Gilgel Abay catchment, Ethiopia. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2012. Full text

Abraha, M.E. (2013) Assessment of drought early warning in Ethiopia : a comparison of WRSI by surface energy balance and soil water balance. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2013. Full text

Engdaw, M.M. (2014) Drought trend assessment using multi - temporal satellite products and in - situ data for Amhara Region, Ethiopia. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2014. Full text

Sendama, M.I. (2015) Assessment of meteorological remote sensing products for stream flow modelling using HBV-light in Nyabarongo Basin, Rwanda. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2015. Full text

PhD

Romaguera, M., **Su, Z.** (supervisor) , Hoekstra, A.Y. (supervisor) , **Salama, M.S.** (co-supervisor) and Krol, M.S. (co-supervisor) (2014) Irrigation assessment via remote sensing and land surface model data. Enschede, University of Twente Faculty of Geo-Information and Earth Observation (ITC), 2014. ITC Dissertation 259, ISBN: 978-90-365-3791-9. Full text