

List of Publications, PD Dr. Claudia Kuenzer, 05/2019

Citation Index Google Scholar, 02.05.2019	All	Since 2014
Zitate	5534	4442
h-index	41	39
i10-index	106	92

- **109 published SCI Journal Papers (24 as first author)**
- **38 book chapters**
- **> 160 conference contributions**
- **4 own books**
- **Reviews for 10+ different SCI Journals**
- **Member of 2 SCI journal editorial boards**

Own books:

- [4] **KUENZER, C.**, LEINENKUGEL, P. and DECH, S., 2017: Remote Sensing the Mekong. 184 pp., ISBN 978-0-415-30638-6, Routledge
- [3] **KUENZER, C.**, DECH, S., and WAGNER, W., 2015: Remote Sensing Time Series revealing Land Surface Dynamics, Remote Sensing and Digital Image Processing Series, Volume 17, 441 pp., ISBN 978-3-319-15966-9, Springer, The Netherlands
- [2] **KUENZER, C.** and S. DECH, 2013: Thermal Infrared Remote Sensing – Sensors, Methods, Applications. Remote Sensing and Digital Image Processing Series, Volume 17, 537 pp., ISBN 978-94-007-6638-9, Springer, The Netherlands
- [1] RENAUD, F., and **KUENZER, C.**, 2012: The Mekong Delta System - Interdisciplinary Analyses of a River Delta. 463 pp., ISBN: 978-94-007-3961-1, Springer, The Netherlands

SCI Journal contributions (peer-reviewed):

2019

- [109] HU, Z., DIETZ, A., **KUENZER, C.**, 2019: Deriving Regional Snow Line Dynamics during the Ablation Seasons 1984–2018 in European Mountains, Remote Sensing, 11
- [108] TSAI Y.-L. S., DIETZ, A., OPPELT, N., **KUENZER, C.**, 2019: Wet and Dry Snow Detection Using Sentinel-1 SAR Data for Mountainous Areas with a Machine Learning Technique, Remote Sensing, 11
- [107] HU, Z., DIETZ, A., **KUENZER, C.**, 2019: The potential of retrieving snow line dynamics from Landsat during the end of the ablation seasons between 1982 and 2017 in European mountains, International Journal of Applied Earth Observation and Geoinformation, 78, 138-148

2018

- [106] BAUMHOER, C., DIETZ, A., DECH, S., **KUENZER, C.**, 2018: Remote Sensing of Antarctic Glacier and Ice-Shelf Front Dynamics - A Review, Remote Sensing, 10, 1-28

- [105] CLAUSS, K., OTTINGER, M., LEINENKUGEL, P., **KUENZER, C.**, 2018: Estimating rice production in the Mekong Delta, Vietnam, utilizing time series of Sentinel-1 SAR data, *International Journal of Applied Earth Observation and Geoinformation*, 2018 (73), 574-585
- [104] SYED, T. H., RIYAS, M. J., **KUENZER, C.**, 2018: Remote sensing of coal fires in India: A review, *Earth-Science Reviews*, 187, 338-355
- [103] ROTH, A., MARSCHALK, U., WINKLER, K., SCHÄTTLER, B., HUBER, M., GEORG, I., **KUENZER, C.**, DECH, S., 2018: Ten Years of Experience with Scientific TerraSAR-X Data Utilization, *Remote Sensing*, 10, 1-28
- [102] OTTINGER, M., CLAUSS, K., **KUENZER, C.**, 2018: Opportunities and Challenges for the Estimation of Aquaculture Production Based on Earth Observation Data. *Remote Sensing*, 10 (7), 1-24

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- [101] HU, Z., **KUENZER, C.**, DIETZ, A., DECH, S., 2017: The Potential of Earth Observation for the Analysis of Cold Region Land Surface Dynamics in Europe - A Review. *Remote Sensing*, 9 (10), 1-40
- [100] DA PONTE, E.; MACK, B., WOHLFART, C., RODAS, O., FLECKENSTEIN, M., OPPELT, N., **KUENZER, C.**, 2017: Assessing Forest Cover Dynamics and Forest Perception in the Atlantic Forest of Paraguay, Combining Remote Sensing and Household Level Data, *Forests*, 8 (10), 1-21
- [99] CLAUSS, K., OTTINGER, M., **KUENZER, C.**, 2017: Mapping rice fields with Sentinel-1 time-series and superpixel segmentation, *International Journal of Remote Sensing*, 39 (5), 1399-1420
- [98] OTTINGER, M., CLAUSS, K., **KUENZER, C.**, 2017: Large-Scale Assessment of Coastal Aquaculture Ponds with Sentinel-1 Time Series Data. *Remote Sensing*, 9 (440), 1-23
- [97] SUN, Z., LEINENKUGEL, P., GUO, H.; HUANG, C., **KUENZER, C.**, 2017: Extracting distribution and expansion of rubber plantations from Landsat imagery using the C5.0 decision tree method. *Journal of Applied Remote Sensing*, 11 (2), 1-21
- [96] HELBIG, C., DRANSCH, D., BÖTTINGER, M., DEVEY, C., HAAS, A., HLAWITSCHKA, M., **KUENZER, C.**, RINK, K., SCHÄFER-NETH, C., SCHEUERMANN, G., KWASNITSCHKA, T., UNGER, A., 2017: Challenges and strategies for the visual exploration of complex environmental data. *International Journal of Digital Earth*, 10 (10), 1070-1076
- [95] DIETZ, A.; FREY, C.; RUPPERT, T.; BACHMANN, M.; **KUENZER, C.**; DECH, S., 2017: Automated Improvement of Geolocation Accuracy in AVHRR Data using a two-step Chip Matching Approach – a Part of the TIMELINE Preprocessor. *Remote Sensing*, 9, 1-17
- [94] WOHLFART, C., MACK, B., LIU, G., **KUENZER, C.**, 2017: Multifaceted Land Cover and Land Use Change Analyses in the Yellow River Basin Based on Dense Landsat Time Series. *Applied Geography*, 85, 73-88
- [93] KLEIN, I., GESSNER, U., DIETZ, A., **KUENZER, C.**, 2017: Global WaterPack - A 250 m resolution dataset revealing the daily dynamics of global inland water bodies. *Remote Sensing of Environment*, 198, 345-362
- [92] DA PONTE, E., **KUENZER, C.**, PARKER, A., RODAS, O., OPPELT, N., FLECKENSTEIN, M., 2017: Forest Cover Loss in Paraguay and Approaches of the Ecosystem Service: a Case Study of the Upper Parana Forest. *Ecosystem Services*, 24, 200-212
- [91] KNAUER, K., GESSNER, U., FENSHOLT, R., FORKUOR, G., **KUENZER, C.**, 2017 Monitoring agricultural expansion in Burkina Faso over 14 years with 30m resolution time series: the Role of Population Growth and Implications for the Environment. *Remote Sensing*, 9, 2, 132
- [90] FREY, C.M., **KUENZER, C.**, DECH, S., 2017: Assessment of mono- and split-window approaches for time series processing of LST from AVHRR – a TIMELINE round robin. *Remote Sensing*, 9, 72
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- [88] SONG, Z., **KUENZER, C.**, 2017: Spectral reflectance (400-2500 nm) properties of coals, adjacent sediments, metamorphic and pyrometamorphic rocks in coal-fire areas: A case study of Wuda coalfield and its surrounding areas, northern China. *International Journal of Coal Geology*, 171, 142-152
- [87] DA PONTE CANOVA, E., ROCH, M., LEINENKUGEL, P., DECH, S., **KUENZER, C.**, 2017: Paraguay's Atlantic Forest Cover Loss - satellite-based change detection and fragmentation analysis between 2003 and 2013. *Applied Geography*, 79, 37-49
- [86] EISFELDER, C., KLEIN, I., BEKKULIYEVA, A., **KUENZER, C.**, BUCHROITHNER, M., DECH, S., 2017: Above-ground biomass estimation based on NPP time-series– A novel approach for biomass estimation in semi-arid Kazakhstan, *Ecological Indicators* 72, 13-22

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- [84] DAY, J., CHEN, Z., D'ELIA, C., FORBES, D., **KUENZER, C.**, KEMP, P., LANE, R., RAMACHANDRAN, R., SYVITSKI, J., YANEZ-ARANCIBIA, A., 2016: Approaches to Defining Deltaic Sustainability in the 21st Century. *Estuarine, Coastal and Shelf Science*, Vol. 183, 275-291
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- [82] KNAUER, K., GESSNER, U., FENSHOLT, R., **KUENZER, C.**, 2016: An ESTARFM fusion framework for the improved generation of large scale time series in cloud prone and heterogeneous landscapes. *Remote Sensing*, 8, 425
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- [65] VO, Q.T., **KUENZER, C.**, OPPELT, N., 2015: How remote sensing supports mangrove ecosystem service valuation: A case study in Ca Mau Province, Vietnam. *Ecosystem Services*, 14, 67-75
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