

Liste der Publikationen Prof. Dr. Claudia Künzer, 09/2021

Zitationsindexe nach Google Scholar, 21.09.2021	Alle	Seit 2016
Zitate	9378	7237
h-index	55	47
i10-index	141	119

- **137 veröffentlichte SCI Zeitschriftenbeiträge (25 als Erstautor)**
- **38 Buchkapitel**
- **> 200 Konferenzbeiträge**
- **4 eigene Bücher**
- **Reviews für 10+ SCI Zeitschriften und Gesellschaften**
- **Mitglied in 2 Editorial Boards von Fernerkundungs-SCI Zeitschriften**

Fachbücher:

- [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 Zeitschriftenbeiträge (peer-reviewed):

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- [137] BAUMHOER, C., DIETZ, A., KNEISEL, C., PAETH, H., **KUENZER, C.**, 2021: Environmental drivers of circum-Antarctic glacier and ice shelf front retreat over the last two decades, The Cryosphere, 15, 2357-2381
- [136] DIRSCHERL, M., DIETZ, A., KNEISEL, C., **KUENZER, C.**, 2021: A Novel Method for Automated Supraglacial Lake Mapping in Antarctica Using Sentinel-1 SAR Imagery and Deep Learning, Remote Sensing, 13 (2)
- [135] KLEIN, I., MAYR, S., GESSNER, U., HIRNER, A., **KUENZER, C.**, 2021: Water and hydropower reservoirs: High temporal resolution time series derived from MODIS data to characterize seasonality and variability, Remote Sensing of Environment, 253
- [134] KLEIN, I., OPPELT, N., **KUENZER, C.**, 2021: Application of Remote Sensing Data for Locust Research and Management - A Review, Insects, 12 (3), 1-36
- [133] PHILIPP, M., DIETZ, A., BUCHELT, S., **KUENZER, C.**, 2021: Trends in Satellite Earth Observation for Permafrost Related Analyses - A Review, Remote Sensing, 13 (6), 1-57

- [132] RIYAS, M. J., SYED, T. H., KUMAR, H., **KUENZER, C.**, 2021: Detecting and Analyzing the Evolution of Subsidence Due to Coal Fires in Jharia Coalfield, India Using Sentinel-1 SAR Data, *Remote Sensing*, 13 (1521), 1-22

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- [131] DIRSCHERL, M., DIETZ, A., DECH, S., **KUENZER, C.**, 2020: Remote Sensing of Ice Motion in Antarctica - A Review, *Remote Sensing of Environment*, 237
- [130] DIRSCHERL, M., DIETZ, A., KNEISEL, C., **KUENZER, C.**, 2020: Automated Mapping of Antarctic Supraglacial Lakes Using a Machine Learning Approach, *Remote Sensing*, 12 (7), 1-27
- [129] HOESER, T., BACHOFER, F., **KUENZER, C.**, 2020: Object Detection and Image Segmentation with Deep Learning on Earth Observation Data: A Review-Part II: Applications, *Remote Sensing*, 12 (18), 3053
- [128] HOESER, T., **KUENZER, C.**, 2020: Object Detection and Image Segmentation with Deep Learning on Earth Observation Data: A Review-Part I: Evolution and Recent Trends, *Remote Sensing*, 12 (10), 1-44
- [127] HOLZWARTH, S., THONFELD, F., ABDULLAHI, S., ASAM, S., DA PONTE, E., GESSNER, U., HUTH, J., KRAUS, T., LEUTNER, B., **KUENZER, C.**, 2020: Earth Observation Based Monitoring of Forests in Germany: A Review, *Remote Sensing*, 12, 1-43
- [126] HU, Z., DIETZ, A., ZHAO, A., UEREYEN, S., ZHANG, H., WANG, M., MEDERER, P., **KUENZER, C.**, 2020: Snow moving to higher elevations: Analyzing three decades of snowline dynamics in the Alps, *Geophysical Research Letters*, 47, 1-11
- [125] HUTH, J., GESSNER, U., KLEIN, I., YESOU, H., LAI, X., OPPELT, N., **KUENZER, C.**, 2020: Analyzing Water Dynamics Based on Sentinel-1 Time Series - a Study for Dongting Lake Wetlands in China, *Remote Sensing*, 12 (11), 1-21
- [124] ICELY, J., NEWTON, A., CRISTINA, S., PERILLO, G., TURNER, E., AHSAN, D., CRAGG, S., LUO, Y., LU, C., LI, Y., ZHANG, H., RAMESH, R., FORBES, D. L., SOLIDORO, C., BÉJAOUI, B., GAO, S., PASTRES, R., KELSEY, H., TAILLIE, D., **KUENZER, C.**, 2020: Anthropogenic pressures on coastal wetlands, *Frontiers in Ecology and Evolution*, 8, 1-29
- [123] KÖHLER, J., **KUENZER, C.**, 2020: Forecasting Spatio-Temporal Dynamics on the Land Surface Using Earth Observation Data—A Review, *Remote Sensing*, 12 (21), 3513
- [122] OTTINGER, M., **KUENZER, C.**, 2020: Spaceborne L-Band Synthetic Aperture Radar Data for Geoscientific Analyses in Coastal Land Applications: A Review, *Remote Sensing*, 12 (14), 1-37.
- [121] REINERMANN, S., ASAM, S., **KUENZER, C.**, 2020: Remote Sensing of Grassland Production and Management - A Review, *Remote Sensing*, 1-32
- [120] SOGNO, P., TRIDL-HOFFMANN, C., **KUENZER, C.**, 2020: Earth Observation Data Supporting Non-Communicable Disease Research: A Review, *Remote Sensing*, 1-34
- [119] SONG, Z., HUANG, X., **KUENZER, C.**, ZHU, H., JIANG, J., PAN, X., ZHONG, X., 2020: Chimney effect induced by smoldering fire in a U-shaped porous channel: A governing mechanism of the persistent underground coal fires, *Process Safety and Environmental Protection*, 136, 136-147

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- [117] PALACIOS LOPEZ, D., BACHOFER, F., ESCH, T., HELDENS, W., HIRNER, A., MARCONCINI, M., SORICHTTA, A., ZEIDLER, J., **KUENZER, C.**, DECH, S., TATEM, A., REINARTZ, P., 2019: New Perspectives for Mapping Global Population Distribution Using World Settlement Footprint Products, *Sustainability*, 11 (21), 1-24

- [116] MAYR, S., **KUENZER, C.**, GESSNER, U., KLEIN, I., RUTZINGER, M., 2019: Validation of Earth Observation Time-series: A Review for Large-area and Temporally Dense Land Surface Products, *Remote Sensing*, 11, 1-34
- [115] BAUMHOER, C., DIETZ, A., KNEISEL, C., KUENZER, C., 2019: Automated Extraction of Antarctic Glacier and Ice Shelf Fronts from Sentinel-1 Imagery Using Deep Learning, *Remote Sensing*, 11 (21), 1-22
- [114] ABDULLAHI, S., WESSEL, B., HUBER, M., WENDLEDER, A., ROTH, A., **KUENZER, C.**, 2019: Estimating penetration-related X-band InSAR elevation bias - A study over the Greenland ice sheet, *Remote Sensing*, 11 (24), 1-19
- **[113] KUENZER, C.**, HEIMHUBER, V., HUTH, J., DECH, S., 2019: Remote Sensing for the Quantification of Land Surface Dynamics in Large River Delta Regions - A Review. *Remote Sensing*, 11(17), 1-42
- [112] REINERMANN, S., GESSNER, U., ASAM, S., **KUENZER, C.**, DECH, S., 2019: The Effect of Droughts on Vegetation Condition in Germany: An Analysis Based on Two Decades of Satellite Earth Observation Time Series and Crop Yield Statistics. *Remote Sensing*, 11, 1-21
- [111] TSAI Y.-L. S., DIETZ, A., OPPELT, N., **KUENZER, C.**, 2019: Remote Sensing of Snow Cover Using Spaceborne SAR: A Review. *Remote Sensing*, 11 (1456), 1-44
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- [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
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