

PEER-REVIEWED PUBLICATIONS

Alexander, C., Korstjens, A.H., & Hill, R.A. (2017) Structural attributes of individual trees for identifying homogeneous patches in a tropical rainforest, *International Journal of Applied Earth Observation and Geoinformation*, 55, 68-72

Alexander, C., Deák, B., & Heilmeier, H. (2016) Micro-topography driven vegetation patterns in open mosaic landscapes, *Ecological Indicators*, 60: 906-920

Alexander, C., Deák, B., Kania, A., Mücke, W., & Heilmeier, H. (2015) Classification of vegetation in an open landscape using full-waveform airborne laser scanner data, *International Journal of Applied Earth Observation and Geoinformation*, 41: 76-87

Deák, B., Valkó, O., **Alexander, C.**, Mücke, W., Kania, A., Tamás, J., & Heilmeier, H. (2014) Fine-scale vertical position as an indicator of vegetation in alkali grasslands – Case study based on remotely sensed data, *Flora - Morphology, Distribution, Functional Ecology of Plants*, 209: 693-697

Alexander, C., Bøcher, P. K., Arge, L. & Svenning, J-C. (2014) Regional-scale mapping of tree cover, height and main phenological tree types using airborne laser scanning data, *Remote Sensing of Environment*, 147: 156-172

Alexander, C., Moeslund, J. E., Bøcher, P. K., Arge, L. & Svenning, J-C. (2013) Airborne laser scanner (LiDAR) proxies for understory light conditions, *Remote Sensing of Environment* 134: 152-161

Alexander, C., Tansey, K., Kaduk, J., Holland, D. & Tate, N. J. (2011) An approach to classification of airborne laser scanning point cloud data in an urban environment, *International Journal of Remote Sensing* 32(24): 9151-9169.

Alexander, C., Tansey, K., Kaduk, J., Holland, D. & Tate, N. J. (2010) Backscatter Coefficient as an Attribute for the Classification of Full-waveform Airborne Laser Scanning Data in Urban Areas, *ISPRS Journal of Photogrammetry and Remote Sensing* 65(5): 423-432.

Alexander, C., Smith-Voysey, S., Jarvis, C. H. & Tansey, K. (2009) Integrating Building Footprints and LiDAR Elevation Data to Classify Roof Structures and Visualise Buildings, *Computers, Environment and Urban Systems* 33(4): 285-292.

Alexander, C. (2009) Delineating tree crowns from airborne laser scanning point cloud data using Delaunay triangulation, *International Journal of Remote Sensing* 30(14): 3843-3848.