

## LIST OF 10 PUBLICATIONS

- [1] J. Praks, M. Hallikainen, F. Kugler, K. Papathanassiou, and I. Hajnsek. “LIDAR-Aided SAR Interferometry Studies in Boreal Forest: Scattering Phase Center and Extinction Coefficient at X- and L-Band”. In: *IEEE Transactions on Geoscience and Remote Sensing* 50.10 (2012), pp. 3831–3843.
- [2] J. Praks, F. Kugler, K. P. Papathanassiou, I. Hajnsek, and M. Hallikainen. “Height Estimation of Boreal Forest: Interferometric Model-Based Inversion at L- and X-Band Versus HUTSCAT Profiling Scatterometer”. In: *IEEE Trans. Geosci. Remote Sensing Letters* 4.3 (2007), pp. 466–470.
- [3] N. Kruopis, J. Praks, A. Nadir Arslan, H. M. Alasalmi, J. T. Koskinen, and M. T. Hallikainen. “Passive microwave measurements of snow-covered forest areas in EMAC’95”. In: *IEEE Trans. Geosci. Remote Sensing* 37.6 (1999), pp. 2699–2705. ISSN: 0196-2892.
- [4] Tiit Kutser, Ele Vahtmäe, and Jaan Praks. “A sun glint correction method for hyperspectral imagery containing areas with non-negligible water leaving NIR signal”. In: *Remote Sensing of Environment* 113.10 (2009), pp. 2267–2274. ISSN: 0034-4257. URL: <http://www.sciencedirect.com/science/article/pii/S0034425709001928>.
- [5] T. Dufva, J. Praks, S. Jarvenpaa, and J. Sarvas. “Scattering Model for a Pine Tree Employing VIE With a Broadband MLFMA and Comparison to ICA”. In: *IEEE Trans. Geosci. Remote Sensing* 48.3 (2010), pp. 1119–1127. ISSN: 0196-2892.
- [6] Tiit Nilson, Johannes Anniste, Mait Lang, and Jaan Praks. “Determination of needle area indices of coniferous forest canopies in the NOPEX region by ground-based optical measurements and satellite images”. In: *Agricultural and Forest Meteorology* 1-4.98/99 (1999), pp. 449–462.
- [7] Tiit Nilson, Johannes Anniste, Mait Lang, and Jaan Praks. “Forest ecosystem radiation model (FERM). Documented dataset on appended CD”. In: *Agricultural and Forest Meteorology* 1-4.98/99 (1999).
- [8] K. Voormansik, J. Praks, O. Antropov, J. Jagomagi, and K. Zalite. “Flood Mapping With TerraSAR-X in Forested Regions in Estonia”. In: *Selected Topics in Applied Earth Observations and Remote Sensing, IEEE Journal of* 7.2 (2014), pp. 562–577. ISSN: 1939-1404.
- [9] J. Praks, E. C. Koeniguer, and M. T. Hallikainen. “Alternatives to Target Entropy and Alpha Angle in SAR Polarimetry”. In: *IEEE Trans. Geosci. Remote Sensing* 47.7 (2009), pp. 2262–2274.
- [10] A. Kestilä, T. Tikka, P. Peitso, J. Rantanen, A. Näsilä, K. Nordling, H. Saari, R. Vainio, P. Janhunen, J. Praks, and M. Hallikainen. “Aalto-1 nanosatellite technical description and mission objectives”. In: *Geoscientific Instrumentation, Methods and Data Systems* 2.1 (2013), pp. 121–130. URL: <http://www.geosci-instrum-method-data-syst.net/2/121/2013/>.