

RESEARCH PUBLICATIONS

J_{imp}

Komárek J, Klouček T, Prošek J, 2018. The potential of Unmanned Aerial Systems: A tool towards precision classification of hard-to-distinguish vegetation types? *International Journal of Applied Earth Observation and Geoinf.*, 71: 9 – 19.
IF₂₀₁₇ 4.003, Q1

Moudrý V, **Komárek J**, Šímová P, 2016. Which breeding bird categories should we use in models of species distribution? *Ecological Indicators*, 74: 526 – 529.
IF₂₀₁₆ 3.893, Q1

Klouček T, Moravec D, **Komárek J**, Lagner O, Štych P. Selecting appropriate variables for detecting grassland to cropland changes using high resolution satellite data. *(accepted, PeerJ)*
IF₂₀₁₇ 2.118, Q2

Šímová P, Moudrý V, **Komárek J**, Hrach K, Fortin MJ. Fine scale waterbody data improve prediction of waterbirds occurrence despite coarse species data. *(accepted, Ecography)*
IF₂₀₁₇ 4.520, Q1

Moudrý V, Urban R, Štroner, **Komárek J**, Brouček, Prošek J. Comparison of a commercial and home-assembled fixed-wing UAV for terrain mapping of a post-mining site under leaf-off conditions. *(accepted, International Journal of Remote Sensing)*
IF₂₀₁₇ 1.782, Q3

J_{sc}

Moravec D, **Komárek J**, Kumhálová J, Kroulík M, Prošek J, Klápště P, 2017. Digital elevation models as predictors of yield: Comparison of an UAV and other elevation data sources. *Agronomy Research*, 15: 249 – 255.

Komárek J, Kumhálová J, Kroulík M, 2016. Surface modelling based on unmanned aerial vehicle photogrammetry and its accuracy assessment. *Engineering for Rural Development 2016*, pp 888 – 892, Jelgava, Latvia.