

Les publications 2020 de la ZAAr

- Alignier A., Solé-Senan X.O., Robleño I., Baraibar B., Fahrig L., Giralte D., Gross N., Martin J.L., Recasens J., Sirami C. (2020) Configurational crop heterogeneity increases within-field plant diversity. *Journal of Applied Ecology*, 57, 4, 654-663. DOI: 10.1111/1365-2664.13585
- Alvarez-Vanhard E., Houet T., Mony C., Lecoq L., Corpetti T. (2020) Can UAVs fill the gap between in situ surveys and satellites for habitat mapping? *Remote Sensing of Environment*, 243, 111780. DOI: 10.1016/j.rse.2020.111780
- Andrade V.S., Wiegand C., Pannard A., Gagneten A.M., Pédrot M., Bouhnik-Le Coz M., Piscart C., (2020) How can interspecific interactions in freshwater benthic macroinvertebrates modify trace element availability from sediment? *Chemosphere*, 245, 125594. DOI: 10.1016/j.chemosphere.2019.125594
- Balbi M., Croci S., Petit E.J., Butet A., Georges R., Madec L., Caudal J.P., Ernoult A. (2020) Least-cost path analysis for urban greenways planning: A test with moths and birds across two habitats and two cities. *Journal of Applied Ecology*. DOI: 10.1111/1365-2664.13800
- Mercier A., Betbeder J., Baudry J., Le Roux V., Spicher F., Lacoux J., Roger D., Hubert-Moy L., (2020) Evaluation of Sentinel-1 & 2 time series for predicting wheat and rapeseed phenological stages. *ISPRS Journal of Photogrammetry and Remote Sensing*, 163, 231-256. DOI: 10.1016/j.isprsjprs.2020.03.009
- Mercier A., Betbeder J., Rapinel S., Jegou N., Baudry J., Hubert-Moy L., (2020) Evaluation of Sentinel-1 and-2 time series for estimating LAI and biomass of wheat and rapeseed crop types. *Journal of applied remote sensing*, 14, 2, 024512. DOI: 10.1117/1.JRS.14.024512
- Nicolai A., Guernion M., Guillocheau S., Hoeffner K., Le Gouar P. Ménard N., Piscart C., Vallet D., Hervé, Morgane ET, Benezeth E., (2020) Transdisciplinary Bioblitz: Rapid biotic and abiotic inventory allows studying environmental changes over 60 years at the Biological Field Station of Paimpont (Brittany, France) and opens new interdisciplinary research opportunities. *Biodiversity data journal*, 8, e50451. DOI: 10.3897/BDJ.8.e50451
- Pilotto F., Kühn I., Adrian R., Alber R., Alignier A., Andrews C., Bäck J., Barbaro L., Beaumont D., Beenaerts N. (2020) Meta-analysis of multidecadal biodiversity trends in Europe. *Nature communications*, 11, 3486. DOI: 10.1038/s41467-020-17171-y
- Serra A.A., Bittebière A.K., Mony C., Slimani K., Pallois F., Renault D., Couée I., Gouesbet G., Sulmon C. (2020) Local-scale dynamics of plant-pesticide interactions in a northern Brittany agricultural landscape. *Science of the Total Environment*, 744, 140772. DOI: 10.1016/j.scitotenv.2020.140772