

## Les publications 2017 de la ZAAR

- Marcais J., de Dreuzy J. -R., Erhel J. (2017) Dynamic coupling of subsurface and seepage flows solved within a regularized partition formulation. *Advances in Water Resources* 109:94-105.
- Damien M., Le Lann C., Desneux N., Alford L., Al-Hassan D., Georges R., Van Baaren J. (2017) Flowering crops in winter increases pest control but not trophic link diversity. *Agriculture, Ecosystems & Environment* 247: 418-425.
- Duflot R., Ernoult A., Aviron S., Fahrig L., Burel F. (2017) Relative effects of landscape composition and configuration on multi-habitat gamma diversity in agricultural landscapes. *Agriculture, Ecosystems & Environment* 241: 62-69.
- Bonthoux S., Balent G., Augiron S., Baudry J., Bretagnolle V. (2017) Geographical generality of bird-habitat relationships depends on species traits. *Diversity and Distributions* 23: 1343-1352.
- Henry Y., Piscart C., Charles S., Colinet C. 2017. Combined effect of temperature and ammonia on molecular response and survival of the freshwater crustacean *Gammarus pulex*. *Ecotoxicology and Environmental Safety* 137:42-48
- Perez G., Bastian S., Chastagner A., Agoulon A., Plantard O., Vourc'h G. and Butet, A. 2017. Ecological factors influencing small mammal infection by *Anaplasma phagocytophilum* and *Borrelia burgdorferi* s.l. in agricultural and forest landscapes. *Environmental Microbiology* 19: 4205-4219.
- Marcais J., de Dreuzy J. -R. 2017. Prospective interest of deep learning for hydrological inference. *Groundwater* 55:688-692
- Alignier A., Aviron S. 2017. Time-lagged response of carabid diversity to past management practices and landscape context of field margins. *Journal of Environmental Management* 204: 282-290.
- Favre-Bac L., Lamberti-Raverot B., Puijalon S., Ernoult A., Burel F., Guillard L. & Mony C., 2017. Plant dispersal traits determine hydrochorous species tolerance to connectivity loss at the landscape scale. *Journal of Vegetation Sciences* 28: 605–615.
- Betbeder J., Laslier M., Hubert-Moy L., Burel F., Baudry J. 2017. Synthetic Aperture Radar (SAR) images improve habitat suitability models. *Landscape Ecology* 32: 1867-1879.
- Favre-Bac L., Mony C., Burel F., Seimandi-Corda G., Ernoult A., 2017. Connectivity drives the functional diversity of plant dispersal traits in agricultural landscapes: the example of ditch metacommunities. *Landscape Ecology* 32: 2029-2040.
- Marrec R., Caro G., Miguët P., Badenhausser I., Plantegenest M., Vialatte A., Bretagnolle V., Gauffre B. 2017. Spatiotemporal dynamics of the agricultural landscape mosaic drives distribution and abundance of dominant carabid beetles. *Landscape Ecology* 32: 2383-2398.
- Vialatte A., Tsafack N., Al Hassan D., Duflot R., Plantegenest M., Ouin A., Villenave-CHasset J. Ernoult A., 2017. Landscape potential for pollen provisioning for beneficial insects favours biological control in crop fields. *Landscape Ecology* 32: 465–480.

Baudry J., Alignier A., Thomas Z. 2017. Interdisciplinarité et représentation de la complexité des systèmes socio-écologiques: Recherches sur la Zone Atelier Armorique. *Natures Sciences Sociétés* 25: S50-S54.

Tougeron K., Le Lann C., Brodeur J., van Baaren J., 2017. Are aphid parasitoids from mild winter climates losing their winter diapause? *Oecologia* 183: 619–629.

Langlais A., Bodiguel L., Ménard A., 2017. Trames vertes. In: certitudes du droit, *Revue Droit de l'environnement*, 261, 362-369.

Jouglin M., Perez G., Butet A., Malandrin, L., Bastian S. 2017. Low prevalence of zoonotic Babesia in small mammals and *Ixodes ricinus* in Brittany, France. *Veterinary Parasitology* 238: 58-60.

Moatar F., Abbott B.W., Minaudo C., Curie F., Pinay, G. 2017. Elemental properties, hydrology, and biology interact to shape concentration-discharge curves for carbon, nutrients, sediment, and major ions. *Water Resources Research* 53: 1270-1287.