

## Les publications 2016 de la ZAAR

- Alignier A., Baudry J. (2016) Is plant temporal beta diversity of field margins related to changes in management practices ? *Acta Oecologica*, 75, 1-7.
- Bertrand C., Baudry J., Burel F. (2016). Seasonal variation in the effect of landscape structure on ground-dwelling arthropods and biological control potential. *Basic and Applied Ecology*. 17, 8, 678-687
- Thomas Z., Abbott B. W., Troccaz O., Baudry J., Pinay G. (2016) Proximate and ultimate controls on carbon and nutrient dynamics of small agricultural catchments, *Biogeosciences*, 13, 1863-1875, DOI:10.5194/bg-13-1863-2016, 2016.
- Maass M., Balvanera P., Baudry J., Bourgeron P., Dick J., Equihua M., Forsius M., Halada L., Krauze K., Nakaoka M., Orenstein D. E., Parr T., Redman C. L., Rozzi R., Santos-Reis M., Swemmer T., Vădineanu A. (2016). Changes in biodiversity and trade-offs among ecosystem services, stakeholders and components of well-being: the contribution of the ILTER to PECS. *Ecology and Society*. 21(3),31. DOI :10.5751/ES-08587-210331
- Alford L., Burel F., van Baaren J. (2016) The ecological relevance of critical thermal measures employing a cooling cylinder. *Entomologia Experimentalis et Applicata* 159 (1): 61-69.
- Rapinel S., Hubert-Moy L., Clément B., Maltby E., (2016). Mapping wetland functions using Earth observation data and multi-criteria analysis, *Environmental Monitoring and Assessment*, 188 (11), DOI : 10.1007/s10661-016-5644-1
- Aguejdad R., Hubert-Moy L., (2016). Monitoring urban growth using remote sensing and landscape metrics. Application to the Rennes metropolitan area, France. *Cybergeo : European Journal of Geography*, 766, DOI : 10.4000/cybergeo.27465
- Tougeron K., Van Baaren J., Burel F., Alford L. (2016) Comparing thermal tolerance across contrasting landscapes: First steps towards understanding how landscape management could modify ectotherm thermal tolerance. *Insect Conservation and Diversity*, 9 (3), 171-180
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- Thomas Z., Rousseau-Gueutin P., Kolbe T., Abbott B.W., Marçais J., Peiffer S., Frei S., Bishop K., Pichelin P. , Pinay G., J.R. de Dreuzy, Constitution of a catchment virtual observatory for sharing flow and transport models outputs, *Journal of Hydrology*, 543 (Part A), 59-66. DOI :10.1016/j.jhydrol.2016.04.067.
- Bertrand C., Burel F., Baudry J. (2016). Spatial and temporal heterogeneity of the crop mosaic influences carabid beetles in agricultural landscapes. *Landscape Ecology*, 31(2), 451-466.
- Andrade T.O., Krespi L., Bonnardot V., van Baaren J., Outreman Y. (2016) Impact of climate conditions on the diversity and function of a guild of aphid parasitoids. *Oecologia* 180(3), 877-888.

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