Les publications 2016 de la ZAEU

Kohler M, N. Blond, A. Clappier (2016) A city scale degree-day method to assess building space heating energy demands in Strasbourg Eurometropolis (France), Applied Energy, 184, Pages 40-54, ISSN 0306-2619, DOI :10.1016/j.apenergy.2016.09.075.

Weitten, M., Oudart, H., Habold, C. (2016). Maintenance of a fully functional digestive system during hibernation in the European hamster, a food-storing hibernator. *Comparative Biochemistry and Physiolog*y Part A, 193, 45-51.

Tissier ML, Jumeau J, Croguennec C, Petit O, Habold C, Handrich Y. (2016). An anti-predation device to facilitate and secure the crossing of small mammals in motorway wildlife underpasses. (I) Lab tests of basic design features. *Ecological Enginee*ring 95, 738–742

H. Mokbel, Jamal Al Dine E., Elmoll A., Liaud C., Millet M. (2016) Simultaneous analysis of organochlorine pesticides and polychlorobiphenyls in air samples by using Accelerated Solvent Extraction (ASE) and Solid Phase Micro-Extraction (SPME) coupled to gas chromatography dual electron capture detection, *Environmental Science and Pollution Research*, 23, 8053-8063.

Preusser F., May J.H., Eschbach D., Trauerstein M., Schmitt L. (2016) Infrared stimulated luminescence dating of 19th century fluvial deposits from the Upper Rhine River. *Geochronometria*, 43, 1, 131–142

Delile, H. Schmitt L., Jacob-Rousseau N., Grospretre L., Privolt G., Preusser F. (2016) Headwater valley response to climate and land use changes during the Little Ice Age in the Massif Central (Yzeron basin, France). *Geomorphology* 257, 179–197.

Beisel J.N., Peltre M.-C., Kaldonski N., Hermann A., Muller S. (2016) Spatiotemporal trends for exotic species in French freshwater ecosystems: where are we now? *Hydrobiologi*, 785, 293–305.

Namour P., Eschbach D., Schmitt L., Breil P., Cournoyer B. (2016) Influence des faciès hydro-morphologiques sur la répartition des polluants dans les sédiments d'une rivière périurbaine : la Chaudanne (France). *Instrumentation, Mesure, Métrologie*. 15, 3-4, 57-72

Rougier S., Puissant A., Stumpf A. (2016) Comparison of sampling strategies for object-based classification of urban vegetation from VHR satellite images, *International Journal of Applied Earth Observation and Geoinformation*, 51, 60–73.

Dolques X, F. Le Ber, M. Huchard , C. Grac (2016) Performance-friendly rule extraction in large water data-sets with AOC posets and relational concept analysis, *International Journal of General Systems*, , 45(2), 1-24.

C. Liaud, M. Brucher, Cl. Schummer, Cl. Coscollà, H. Wolff, J.-J. Schwartz, V. Yusà, M. Millet (2016) Application of long duration high-volume sampling coupled to SPME-GC-MS/MS for the assessment of airborne pesticides variability in an urban area (Strasbourg, France) during agricultural application. *Journal of Environmental Science and Health, Part B*, 51, 703-714.

Debonnaire N., Stumpf A., Puissant A. (2016) Spatio-temporal clustering and active learning for change classification in satellite image time series. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*. 9, 8, 3642 - 3650. DOI : 10.1109/JSTARS.2016.2525940.

Schmitt L., Houssier J., Martin B., Beiner M., Skupinski G., Boës E., Schwartz D., Ertlen D., Argant J., Gebhardt A., Schneider N., Lasserre M., Trintafillidis G., Ollive V. (2016) Paléo-dynamique fluviale holocène dans le compartiment sud-occidental du fossé rhénan (France). *Revue Archéologique de l'Est*. 42, 15-33

Tissier ML, Handrich Y, Robin JP, Weitten M, Pevet P, Kourkgy C, Habold C. (2016) How maize monoculture and increasing winter rainfall have brought the hibernating European hamster to the verge of extinction. *Scientific Reports*,6, 25531. DOI: 10.1038/srep25531.

Schwoertzig E., Ertlen D., Trémolières M. (2016) Are plant communities mainly determined by anthropogenic land cover along urban riparian corridors? *Urban Ecosystems*, 19, 4, 1767-1786. DOI:10.1007/s11252-016-0567-8.