

## Les publications 2017 de la ZAM

- Moussoh A.F., Biget A., Lemaitre C., Pons M.N., Leclerc J.P. (2017) Influence of the turbulence model choice on the simulation of active substance dispersion for the treatment of aquaculture pool invaded by algae. *Desalination and water treatment*, 58, 19-34
- Pons MN., Assaad A., Oucacha C., Pontvianne S., Pollier B., Wagner P., Legout A., Guérol F. (2017) Nitrates monitoring by UV-vis spectral analysis. *Ecohydrology & Hydrobiology* 17, 1, 46-52. DOI : 10.1016/j.ecohyd.2016.12.001
- Ferreira V., Guérol F. (2017) Leaf litter decomposition as a bioassessment tool of acidification effects in streams: Evidence from a field study and meta-analysis. *Ecological Indicators*, 79 : 382-390
- Assaad A., Pontvianne S., Pons M.N. (2017) Assessment of organic pollution of an industrial river by synchronous fluorescence and UV-vis spectroscopy: the Fensch River (N.E. France), *EMAS* 189(5):229
- Van der Heijden G., Belyazid S., Dambrine E., Ranger J., Legout A. (2017) NutsFor a process-oriented model to simulate nutrient and isotope tracer cycling in forest ecosystems. *Environmental Modelling & Software* 95, 365-380. DOI: 10.1016/j.envsoft.2017.06.003
- Gaillard J., Veyrand B., Thomas M., Dauchy X., Boiteux V., Marchand P., Le Bizec B., Banas D., Feidt C. (2017) Tissue uptake, distribution and elimination of perfluoroalkyl substances in juvenile perch through SAM-PAP dietary exposure. *Env. Sc. Tech.* 51(13) 7658-7666
- Abuhelou A, Mansuy-Huault L., Lorgeoux C., Catteloin D., Collin V., Bauer A., Kanbar, K., Gley R., Manceau L., Thomas F., Montarges-Pelletier E. (2017) Suspended particulate matter collection methods influence the quantification of polycyclic aromatic compounds in the river system. *Environmental Science and Pollution Research*, 24, 22717–22729.
- Florentino A, Rizzo L, Guilloteau H, Bellanger X, Merlin C. (2017) Comparing TiO<sub>2</sub> photocatalysis and UV-C radiation for inactivation and mutant formation of *Salmonella typhimurium* TA102. *Environ Sci Pollut Res Int.* 24:1871-1879
- Four B., Arce E., Danger M., Gaillard J., Thomas M., Banas D (2017) Catchment land use-dependent effects of barrage fishponds on the functioning of headwater streams. *Environ Sci Pollut Res Int.* 24, 5452-5468
- Hartard C., Banas S., Rivet R., Boudaud N. and Gantzer C. (2017) Rapid and sensitive method to assess human viral pollution in shellfish using infectious F-specific RNA bacteriophages : Application to marketed products. *Food Microbiology.* 63, 248-254.
- Crenier, C., Arce-Funck, J., Bec, A., Billoir, E., Perrière, F., Leflaive, J., Guérol, F., Felten, V. and Danger, M., 2017. Minor food sources can play a major role in secondary production in detritus-based ecosystems. *Freshwater Biology*, 62(7), 1155-1167.
- Four B, Thomas M., Arce E., Cebon A., Danger M., Banas D. (2017) Fishpond dams affect leaf-litter processing and associated detritivore communities along intermittent low-order streams. *Freshwater Biology* 62(10): 1741-1755.

van Der Heijden, G., Legout, A., Mareschal, L., Ranger, J., Dambrine, E. (2017). Filling the gap in Ca input-output budgets in base-poor forest ecosystems: The contribution of non-crystalline phases evidenced by stable isotopic dilution. *Geochimica et Cosmochimica Acta*, 209, 135-148. DOI : 10.1016/j.gca.2017.04.018

Scornec H, Bellanger X, Guilloteau H, Groshenry G, Merlin C. (2017) Inducibility of Tn916 conjugative transfer in *Enterococcus faecalis* by subinhibitory concentrations of ribosome-targeting antibiotics. *J Antimicrob Chemother.* 72(10):2722–2728

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Kanbar, K., Montarges-Pelletier E., Losson B., Bihannic I., Gley R., Bauer, A., Villieras F., Manceaul., El Samrani A.G., Kazpard V., Mansuy-Huault L. (2017) highly impacted sediments by steel-making activities in the Orne River, Northeastern France. Part I: origin and transformation of iron minerals, *Science of the Total Environment*, 599-560, 540-553.