

Publications ou communications réalisées avec d'autres Zones Ateliers.

Publications ou communications réunissant plusieurs laboratoires et disciplines de la ZAM.

2015-Publications dans une revue internationale avec comité de lecture

1. ARCE FUNCK J., BEC A., PERRIERE F., FELTEN V., DANGER M. (2015) Aquatic hyphomycetes: a potential source of polyunsaturated fatty acids in detritus-based stream food webs. **Fungal Ecology**, 13: 205-210.
2. ASSAAD A., PONTVIANNE S., CORRIOU J.P., PONS M.N., (2015) Spectrophotometric characterization of dissolved organic matter in a rural watershed: the Madon River (N-E France). **Environmental Monitoring and Assessment**, 187: art. 88.
3. ASSAAD A., PONS M.N., (2015). "Snapshot" methodology for estimation of pollution fluxes under different flow conditions. **Water, Air and Soil Pollution**, 226: art. 94.
4. BELLANGER X, BILLARD P, SCHNEIDER R, BALAN L, MERLIN C. (2015) Stability and toxicity of ZnO quantum dots: Interplay between nanoparticles and bacteria. **Journal of Hazardous Materials**, 283:110-116.
5. BERENDONK T.U., MANAIA C.M., MERLIN C., FATTA-KASSINOS D., CYTRYN E., WALSH F., BURGMANN H., SORUM H., NORSTROM M., PONS M.N., KREUZINGER N., HUOVINEN P., STEFANI S., SCHWARTZ T., KISAND V., BAQUERO F., MARTINEZ J.L. (2015) Tackling antibiotic resistance: the environmental framework. **Nature Reviews Microbiology**, 13: 310-317.
6. BRENOT, A., BENOÎT, M., CARIGNAN, J., FRANCE-LANORD, C. (2015) Insights into stable isotope characterization to monitor the signification of soil water sampling for environmental studies dealing with soil water dynamics through the unsaturated zone. **Comptes Rendus Geosciences**, 347: 317-327.
7. GAILLARD J., THOMAS M., LAZARTIGUES A., BONNEFILLE B., PALLEZ C., DAUCHY X., FEIDT C., BANAS D. (2015) Potential of barrage fish ponds for the mitigation of pesticide pollution in streams. **Environmental Science and Pollution Research**, 23: 23-35.
8. GAILLARD J., THOMAS M., IURETIG A., PALLEZ C., FEIDT C., DAUCHY X., BANAS D. Barrage fishponds: reduction of pesticide concentration peaks and associated risk of adverse ecological effects in downstream rivers. **Journal of Environmental Management**, in press.
9. GARAUD M., TRAPP J., DEVIN S., COSSU-LEGUILLE C., PAIN-DEVIN S., FELTEN V., GIAMBERINI L. (2015) Multibiomarker assessment of cerium dioxide nanoparticle (nCeO₂) sublethal effects on two freshwater invertebrates, *Dreissena polymorpha* and *Gammarus roeseli*. **Aquatic Toxicology**, 158: 63-74.
10. GONZALEZ V., VIGNATI D.A.L., PONS M.N., MONTARGES-PELLETIER E., BOCJIC C., GIAMBERINI L. (2015) A comparative study of lanthanides ecotoxicity. What is their current ecological risk. **Environmental Pollution**, 199: 139-147.
11. HAMAN, C., DAUCHY X., ROSIN C., MUNOZ J.-F. (2015) Occurrence, fate and behavior of parabens in aquatic environments: A review. **Water Research**, 68: 1-11.
12. HARTARD C., RIVET R., BANAS S., GANTZER C., (2015) Occurrence and Sequence Variation among F-Specific RNA Bacteriophage Subgroups in Feces and Wastewater of Urban and Animal Origin. **Applied and Environmental Microbiology**, 81: 6505-6515.
13. JOMINI S., CLIVOT H., BAUDA P., PAGNOUT C. (2015) Impact of manufactured TiO₂ nanoparticles on planktonic and sessile bacterial communities. **Environmental Pollution**, 202: 196-204.
14. KATIPOGLU-YAZAN T., MERLIN C., PONS M.N., UBAY-COKGOR E., ORHON D. (2015) Chronic impact of tetracycline on nitrification kinetics and the activity of enriched nitrifying microbial culture. **Water Research**, 72: 227-238.
15. LE MEUR M., MONTARGES-PELLETIER E., BAUER A., GLEY R., MIGOT S., BARRES O., DELUS C., VILLIERAS F. (2015) Evolution of suspended particulate matter in the Moselle River (Lorraine, France); evolution along the course of the river and in different hydrologic regimes. **Journal of soils and sediments**, DOI 10.1007/s11368-015-1335-8.

16. OGORZALY, L., WALCZAK C., GALLOUX M., ETIENNE S., GASSILLOUD B., CAUCHIE H. M., (2015) Human adenovirus diversity in water samples using a next-generation amplicon sequencing approach. **Food and Environmental Virology**, 7: 112-121.
17. REMY P.Ph., ETIQUÉ M., HAZOTTE A.A., SERGENT AS, ESTRADÉ N., CLOQUET C., HANNA, K., JORAND F.P.A. (2015) Pseudo-first-order reaction of chemically and biologically formed green rusts with Hg(II) and C₁₅H₁₅N₃O₂: effects of pH and stabilizing agents (phosphate, silicate, polyacrylic acid, and bacterial cells). **Water Research**, 70: 266 – 278.
18. VALLÉE R., DOUSSET S., BILLET D. (2015) Water residence time and pesticide removal in pilot-scale wetlands. **Ecological Engineering**, 85, 76–84.
19. VALLÉE R., DOUSSET S., BILLET D. (2015) Influence of substrate water saturation on pesticide dissipation in constructed wetlands. **Environ Sci Pollut Res**, 23: 109-119.
20. VALLÉE R., DOUSSET S., SCHOTT F-X., DAUCHY X., PALLEZ C., ORTAR A., CHERRIER R., MUNOZ J-F., BENOIT M. (2015) Do constructed wetlands in grass strips reduce water contamination from drained fields? **Environ Pollut**, 207:365–373.
21. VAN DER HEIJDEN G., DAMBRINE E., POLLIÉ B., ZELLER B., RANGER J., LEGOUT A. (2015) Mg and Ca uptake by roots in relation to depth and allocation to aboveground tissues: results from an isotopic labeling study in a beech forest on base-poor soil. **Biogeochemistry**, 122: 375-393.
22. VIGREUX-BESRET, C., MAHÉ A., LEDOUX G., GARNIER A., ROSIN C., BAERT A., JOYEUX M., BADOT P.M., PANETIER P., RIVIÈRE G. (2015) Perchlorate: water and infant formulae contamination in France and risk assessment in infants. **Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment**, 32: 1148-1155.

2015-Publications dans une revue nationale avec comité de lecture

1. GALEY, C., ZEGHNOUN A., BOUDOUCHE O., BEAUDEAU P., ROSIN C. Modélisation de la formation des trihalométhanes dans les réseaux de distribution d'eau destinés à la consommation humaine en France. *Techniques Sciences Méthodes*.(6): 20-30 (2015)
2. ROSIN, C. Micropolluants : quelles méthodes d'analyse et de détection ?, *Techni.Cités* 288, (2015).