

Les publications 2018 de la ZAEU

Eschbach D., Schmitt L., Imfeld G., May J.H., Payraudeau S., Preusser F., Trauerstein M. Skupinski, G. (2018) Long-term river trajectories to enhance restoration efficiency and sustainability on the Upper Rhine: an interdisciplinary study (Rohrschollen Island, France). *Hydrology and Earth System Sciences*. 22, 2717–2737. DOI: 10.5194/hess-22-2717-2018

Jeannot B., Weill S., Eschbach D., Schmitt L., Delay F. (2018) A low-dimensional integrated subsurface hydrological model coupled with 2-D overland flow: Application to a restored hydrosystem in a fluvial corridor (Upper Rhine River – France). *Journal of Hydrology* 563, 495-509. DOI: 10.1016/j.jhydrol.2018.06.028

Lévy, M., Al-Alam J., C Ridacker., Massemin S., Millet M. (2018) XAD®-2 passive air samplers usage for monitoring environmental trends of PAHs, PCBs and pesticides in three different sites in Strasbourg and its vicinity (east of France), *Atmospheric Environment* 195, 12-23. DOI: 10.1016/j.atmosenv.2018.09.052

Ribon B., Badariotti D., Kahn R. (2018) Fondements des analyses de flux de matières et d'énergie et typologies d'applications pour la gouvernance des territoires et des organisations », *Vertigo*, 18 , 2. DOI : 10.4000/vertigo.20822

Staentzel C., Combroux I., Barillier A., Schmitt L., Chardon V., Garnier A., Beisel J.-N. (2018) Suivi écologique des actions de restauration menées dans le cadre du projet Kembs : premières réponses biologiques. *La Houille Blanche* (2) 99-106. DOI : 10.1051/lhb/2018024

Staentzel C., Arnaud F., Combroux I., Schmitt L., Tremolières M., Grac C., Piegay H., Barillier A., Chardon V., Beisel J.-N. (2018) How do instream flow increase and gravel augmentation impact biological communities in large rivers: A case study on the Upper Rhine River. *River Research and Applications*. 34, 2, 153-164. DOI: 10.1002/rra.3237