

Communications 2021

Communications dans des colloques internationaux

1. ADNAN F.H., MOUSSET E., PONS M.N. Influence of interelectrodes distance on mineral scaling on cathode during electrochemical advanced oxidation process. *12th European Symposium on Electrochemical Engineering*, Leeuwardin (Pays-Bas), 14-17 juin 2021.
2. ADNAN F.H., MOUSSET E., PONS M.N. Influence of electroprecipitation on pharmaceutical micropollutant degradation in simulated and reclaimed wastewater, *ISE*, Jeju, Corée du Sud, 29 août-3 septembre 2021.
3. ALLEN J., GROSS E.M., COURCOUL C., BOULETREAU S., COMPIN A., ELGER A., FERRIOL J., HILT S., JASSEY V. E.J., LAVIALE M., POLST B.H., SCHMITT-JANSEN M., STIBOR H., VIJAYARAJ V., LEFLAIVE J. Biotic interactions shape the effect of combined stressors on shallow lake ecosystems: insight from microcosms experiments. *International Shallow Lakes Conference*, 1-5 Mar 2021.
4. BECK M., BILLOIR E., FELTEN V., MEYER A., USSEGLIO-POLATERA P., DANGER M. Towards understanding the functional role of invertebrates in rivers: lessons from linking bio/ ecological to stoichiometric traits. *SEFS 12*, 25-30 July 2021.
5. CHARPENTIER I., ELOUATI H., KELHETTER H., KUDRIASHOV D., BLANCHOU D., DOUSSET S., PONS M.N., BONNEFOND M., GOUY V., PISCART C., RAGUENEAU O., SALVADOR BLANES S., BARRETEAU O. Joint exploration of agriculture-water quality links through the hybrid serious game Exp'Eau, 1st OZCAR-Tereno conference, Strasbourg, 5-7 oct 2021.
6. CHERON S., FELTEN V., BONNINEAUC., PONS M.N., HEUDRE D., MORIN S., MOREIRA A., MAZZELLA N., MILLAN-NAVARO D., DEVIN S., LAVIALE M. In situ exposure to glyphosate induces tolerance acquisition by phototrophic biofilms: the case study of the Cleurie river (France, Vosges mountains), *Ecotoxicology 2021*, 22 nov – 6 déc 2021.
7. GROSS E. M., ALLEN J., VIJAYARAJ V., AMOUSSOU N., KIPFERLER N., COURCOUL C., POLST B.H., LAVIALE M., LÓPEZ MOREIRA MAZACOTTE G. A., HÖLKER F., SCHMITT-JANSEN M., HILT S., STIBOR H., LEFLAIVE J. Direct and indirect effects of agricultural run-off and climate warming on regime shifts in shallow aquatic systems. *SETAC Europe 31st Annual Meeting*, Séville, Espagne, 3–6 Mai 2021.
8. KIPFERLER N., LÓPEZ MOREIRA G. A. M., VIJAYARAJ V., POLST B H., ALLEN J., LAVIALE M., LEFLAIVE J., SCHMITT-JANSEN M., GROSS E.M., STIBOR H., HILT S., HÖLKER F. Effects of multiple stressors on invertebrate communities in shallow freshwater habitats. *International Shallow Lakes Conference*, 1-5 Mar 2021.
9. LE COR F., SLABY S., DUFOUR V., IURETIG A., FEIDT C., DAUCHY X., BANAS D. State of water contamination at the head of the watershed: Assessing the presence of pesticides and their transformation products and highlighting the potential of ponds on water quality improvement. *SETAC Europe 31st Annual Meeting*, Séville, Espagne, 3–6 Mai 2021.
10. LÓPEZ MOREIRA G.A.M., KIPFERLER N., VIJAYARAJ V., POLST B H., ALLEN J., LAVIALE M., LEFLAIVE J., SCHMITT-JANSEN M., GROSS E M., STIBOR H., HILT S., HÖLKER F. Investigating the effects of increased water temperature and agricultural run-off on shallow lake ecosystem metabolism using a mesocosm approach. *International Shallow Lakes Conference*, 1-5 Mar 2021.
11. MAURICE N., PONS M.N., ADOUANI N., POCHE C. Fate of organic micropollutants in a large-scale horizontal flow constructed wetland: AZHUREV. *SETAC 2021*, Séville, Espagne, 3-5 mai 2021

12. PAIN-DEVIN S., MALARDIER L., LE MERRER A., BELLANGER X., GEFFARD A., GROSS E.M., LAVIALE M., LOSSON B., MANSUY-HUAULT L., PASQUINI L., DEVIN S., MONTARGÈS-PELLETIER E. Etude interdisciplinaire de l'évolution d'une rivière urbaine héritant d'un lourd passé industriel, l'Orne *Colloque conjoint en écotoxicologie : les enjeux de la contamination urbaine sur la santé environnementale*, Québec, Canada, 31 mai 2021-3 juin 2021.
13. POLST B.H., GROSS E.M., HILT S, STIBOR H., SCHMITT-JANSEN M. Exposure pathways matter – a microcosm study to evidence effects in phototrophic communities by agricultural run-off introduced via sediment or the water phase. *International Shallow Lakes Conference*, 1-5 Mar 2021.
14. PONS M.N., KOUAKOU E.D., PONTVIANNE S., GUÉROLD F., POLLIER B., LEGOUT A., POSZWA A., Which recovery from acid rains in the Vosges Mountains after 30 years ? *1st OZCAR-Tereno conference*, Strasbourg, 5-7 oct 2021.
15. PONS M.N., POSZWA A Monitoring the vegetation kinetics after clear cuts due to bark beetle invasion. *1st OZCAR-Tereno conference*, Strasbourg, 5-7 oct 2021.
16. PONS M.N., LEGRAND S., GRANGE M., PONTVIANNE S., LEBLOND S., POLLIER B., LEGOUT A., POSZWA A Understanding the behavior of the Basse de Courbeligne (Vosges, North-East France). *1st OZCAR-Tereno conference*, Strasbourg, 5-7 oct 2021.
17. SCHMITT-JANSEN M., GROSS E.M., LEFLAIVE J., ALLEN J., KIPFERLER N., VIJAYARAJ V., LOPEZ MOREIRA MAZACOTTE G.A., HÖLKER F., HILT S., STIBOR H., POLST B. Stressor interactions in shallow aquatic systems: a microcosm study to better understand regime shifts under multiple stress. *International Shallow Lakes Conference*, 1-5 Mar 2021.
18. SLABY S., LE COR F., DUFOUR V., AUGER L., PASQUINI L., CARDOS O., CURTET L., BAUDOIN J.-M., WIEST L., VULLIET E., FEIDT C., DAUCHY X., BANAS D. Pesticide and transformation product distribution in water, sediment and fish of a small lentic waterbody: a field study. *SETAC Europe 31st Annual Meeting*, Séville, Espagne, 3–6 Mai 2021.
19. VIJAYARAJ V, AMOUSSOU N, LAVIALE M, HILT S, COURCOUL C, LEFLAIVE J, SCHMITT-JANSEN M, STIBOR H, ALLEN J, KIPFERLER N, POLST B, GROSS E.M. Response of primary producers when exposed to combined stressors—agricultural runoff and climate warming: a microcosm study. *10th Young Environmental Scientists (YES) Meeting*, 22-26 Feb 2021.
20. SAGRILLO C, MERLIN C, MARTIN-MERIADEC A, COLIN J, BELLANGER X. Rôle des bactériophages dans la dissémination de l'antibiorésistance dans les écosystèmes aquatiques impactés par les activités humaines. *Colloque conjoint en écotoxicologie : les enjeux de la contamination urbaine sur la santé environnementale*, Québec, Canada, 31 mai 2021-3 juin 2021.

Communications dans des colloques nationaux

1. CHERON S., HEUDRE D., BONNINEAU C., MORIN S., PONS M.N., DEVIN S., FELTEN V., LAVIALE M. Caractérisation des effets d'une contamination complexe par les pesticides d'un petit cours d'eau vosgien emblématique (Cleurie) : une approche interdisciplinaire basée sur les biofilms phototrophes. *Colloque de la Société d'Ecotoxicologie Fondamentale et Appliquée*, Versailles, 28-29 juin 2021.