Publications notables 2014-2019 des personnels de l'équipe Eau, Ressources, Territoires

▶ **Développements méthodologiques en virologie**

▶ **2020**

▶ HINSBERGER, A., BLACHÈRE-LOPEZ, C., LOPEZ-FERBER, M. in press. Promoting mixed genotype infections in CpGV: analysis on field and laboratory sprayed apple leaves. Biocontrol science and technology. Published online 27 mai 2020. doi.org/10.1080/09583157.2020.1771543

▶ HINSBERGER, A., GRAILLOT, B., BLACHERE-LOPEZ, C., JULIANT, S., CERUTTI, M., KING, L.A., POSSEE, R.D., GALLARDO, F., LOPEZ-FERBER, M. 2020. Tracing Baculovirus AcMNPV Infection Using a Real-Time Method Based on ANCHORTM DNA Labeling Technology. Viruses 12 (1): 50. DOI: 10.3390/v12010050

▶ **2019**

▶ HINSBERGER, A., THEULIER SAINT GERMAIN, S., GUERRERO, P., BLACHERE-LOPEZ, C., LOPEZ-FERBER, M., BAYLE, S. 2019. A Combination of Real-Time PCR and High-Resolution Melting Analysis to Detect and Identify CpGV Genotypes Involved in Type I Resistance. Viruses 11 (8): 723. DOI: 10.3390/v11080723

▶ **Développements méthodologiques en écologie territoriale et en Analyse de Cycle de Vie (ACV) territorialisée**

▶ **2018**

▶ PRADINAUD C., ROUX Ph., NUNEZ M., JUNQUA G., ROSENBAUM R.K. The issue of considering water quality in life cycle assessment of water use. International Journal of Life Cycle Assessment, 20 April 2018, pp. 1-14, ISSN: 0948-3349. DOI:10.1007/s11367-018-1473-5.

▶ CERCEAU J., MAT N., JUNQUA G., Building territory in industrial ecology: theory, clarification, and application to the Aix-Marseille metropolitan area (France), Geoforum, 89, 29-42, https://doi.org/10.1016/j.geoforum.2018.01.001

▶ **2017**

▶ LEAO S., ROUX Ph. , NUNEZ M., LOISEAU E. , JUNQUA G. , ROSENBAUM R.K. : A worldwide-regionalised water supply mix (WSmix) for life cycle inventory of water use. Journal of cleaner production, 172, 20 January 2018, 302-3013, ISSN: 0959-6526. DOI:10.1016/j.jclepro.2017.10.135.

▶ CARRE E., PEROT J., JAUZEIN V., LIN L., LOPEZ-FERBER M. Estimation of water quality by UV/Vis spectrometry in the framework of treated wastewater reuse. Water Science and Technology, Jul 2017, 76 (3) 633-641, ISSN: 0273-1223. DOI:10.2166/wst.2017.096

▶ **2016**

▶ MAT, M., CERCEAU, J. JUNQUA, G., LOPEZ-FERBER , M., 2016. Complexity as a means of resilience in metropolitan port areas: application to the Aix-Marseille case study in France. Journal of Cleaner Production. 145, 159-171.

▶ **2015**

▶ MAT N., CERCEAU J., SHI L., PARK H-S., JUNQUA G., LOPEZ-FERBER M.: Socio-ecological transitions toward low-carbon port cities: trends, changes and adaptation processes in Asia and Europe.Journal of Cleaner Production. doi:10.1016/j.jclepro.2015.04.058

▶ CERCEAU J., MAT, N., JUNQUA, G., LIN, L., LAFOREST, V., GONZALEZ, C., 2014. Implementing industrial ecology in port cities: international overview of case studies and cross-case analysis. Journal of Cleaner Production, 74 (1), 1-16.

▶ **2014**
▶ LOISEAU E., ROUX P., JUNQUA G., MAUREL P., BELLON-MAUREL V. : Implementation of an adapted LCA framework to environmental assessment of a territory: important learning points from a French Mediterranean case study. Journal of Cleaner Production DOI:10.1016/j.jclepro.2014.05.059

▶ **Développements méthodologiques en diagnostic environnemental : caractérisation de la contamination des eaux de surface et de consommation humaine.**

2019
▶ BRANCHET, P. AND ARIZA CASTRO N.; H. FENÉT, E. GOMÉZ, F. COURANT, D. SÉBAG, J. GARDON, C. JOURDAN, B. NGOUNOU NGATCHA, E. CADOT AND C. GONZALÉZ. Anthropic impacts on Sub-Saharan urban water resources through their pharmaceutical contamination (Yaoundé, Center Region, Cameroon). Science of the Total Environment 660, 8 janvier 2019, 660, 886-898. DOI:10.1016/j.scitotenv.2018.12.256

▶ BANCON-MONTIGNY C., GONZALEZ C., DELPOUX S., AVENZAC M., SPINELLI S., MHADHBI T., MEJRI K., HLAILI ASMA S., PRINGAULT O. Seasonal changes of chemical contamination in coastal waters during sediment resuspension. Chemosphere, 235:651-661. DOI: https://doi.org/10.1016/j.chemosphere.2019.06.213. Réf. HAL: hal-0219247

▶ **2018**
▶ MHADHBI T., PRINGAULT O., NOURI H., SPINELLI S., BEYREM H., GONZALEZ C., Evaluating polar pesticide pollution with a combined approach: a survey of agricultural practices and POCIS passive samplers in a Tunisian lagoon watershed, Environmental Science and Pollution Research, 2018, 26 (1), 342-361. ISSN 0944-1344, DOI:10.1007/s11356-018-3552-3

▶ BRANCHET P., CADOT E., FENET H., SEBAG D., NGATCHA BENJAMIN N., BORRELL-ESTUPINA V., NGOUPAYOU J. R., KENGNE I., BRAUN J.-J., GONZALEZ C.. Polar pesticide contamination of an urban and peri-urban tropical watershed affected by agricultural activities (Yaoundé, Center Region, Cameroon). Environmental Science and Pollution Research, 25(18):17690-17715. DOI: https://doi.org/10.1007/s11356-018-1798-4. Réf. HAL: hal-01983363

▶ **2017**
▶ BAZIN I., TRIA S., HAYAT A., MARTY J.L., New biorecognition molecules in biosensors for the detection of toxins. Biosensors and Bioelectronics, 87, 285–298, 15 January 2017. ISSN: 0956-5663, DOI:10.1016/j.bios.2016.06.083

▶ DESCAMPS E. ; MEUNIER D. ; BRUTESCO C. ; PREVERAL, S. ; FRANCHE, N. ; BAZIN, I. ; MICLOT, B. ; LAROSA, P. ; ESCOFFIER, C. ; FANTINO, JR ; GARCIA, D. ; ANSALDI, M. ; RODRIGUE, A. ; PIGNOL, D. ; CHOLAT, P. ; GINET, N. Semi-autonomous inline water analyzer: design of a common light detector for bacterial, phage, and immunological biosensors. Environmental Science and Pollution Research, 24(1), 66-72, Jan. 2017. ISSN: 0944-1344, DOI:10.1007/s11356-016-8010-5

▶ **Développements méthodologiques en intelligence artificielle et deep learning au service de l'hydro(géo)logie et études des évènements extrêmes**

▶ **2017**
▶ BOUBA L., SAUVAGNARGUES S., GONNE B., AYRAL P.-A., OMBOLO A., Tendances pluviométriques et aléa inondation à l'Extrême-Nord Cameroun, Geo-Eco-Trop, (2017), Tome 3, pp. 339-358.

▶ **2016**
▶ LE BOURGEOIS O., BOUVIER C., BRUNET P., AYRAL P.-A., Inverse modeling of soil water content to estimate the hydraulic properties of a shallow soil and the associated weathered bedrock, Journal of Hydrology, (2016), 541, 116-126. DOI:10.1016/j.jhydrol.2016.01.067

▶ **2015**
▶ KONG-A-SIOU L., JOHANNET A., BORRELL-ESTUPINA V., PISTRE S. Neural networks for karst groundwater management: case of the Lez spring (Southern France), Environmental Earth Sciences, 2015, pp. 1-16, DOI 10.1007/s12665-015-4708-9.

▶ DARRAS T., BORRELL ESTUPINA V., KONG-A-SIOU L., VAYSSADE B., JOHANNET A., PISTRE S. Identification of spatial and temporal contributions of rainfalls to flash floods using neural network modelling: case study on the Lez Basin (Southern France). Hydrol. Earth Syst. Sci. Discuss, 2015, Vol. 12, pp. 3681–3718, DOI:10.5194/hessd-12-3681-2015.

▶ **2014**
▶ TAVER V., JOHANNET A., BORRELL-ESTUPINA V., PISTRE S. Feed-forward vs recurrent neural network models for non-stationarity modelling using data assimilation and adaptivity. Hydrological Sciences Journal , 2014, 60(7), DOI: 10.1080/02626667.2014.967696

▶ KONG-A-SIOU L., FLEURY P., JOHANNET A., BORRELL ESTUPINA V., PISTRE S., DÖRFLIGER N. Performance and complementarity of two systemic models (reservoir and neural networks) used to simulate spring discharge and piezometry for a karst aquifer. Journal of Hydrology, 2014, Vol. 519, pp. 3178-3192 DOI: 10.1016/j.jhydrol.2014.10.041

▶ LAGANIER O., AYRAL P-A., SALZE D., SAUVAGNARGUES S., A coupling of hydrologic and hydraulic models appropriate for the fast floods of the Gardon river basin (France): results and comparisons with others modelling options, Natural Hazards and Earth System Sciences, (2014), 14, 2899-2920. doi:10.5194/nhess-14-2899-2014