

## Erratum to: Micropollutants in urban stormwater: occurrence, concentrations and atmospheric contributions for a wide range of contaminants in three French catchments

J. Gasperi · C. Sebastian · V. Ruban · M. Delamain · S. Percot · L. Wiest · C. Mirande · E. Caupos · D. Demare · M. Diallo Kessoo · M. Saad · J. J. Schwartz · P. Dubois · C. Fratta · H. Wolff · R. Moilleron · G. Chebbo · C. Cren · M. Millet · S. Barraud · M. C. Gromaire

Published online: 5 March 2014  
© Springer-Verlag Berlin Heidelberg 2014

### Erratum to: Environ Sci Pollut Res (2014) DOI 10.1007/s11356-013-2396-0

Data for Figure 2 and Table 5 were miscalculated, we have modified them as follows. Conclusions do not change.

**Erratum 1:** “The TSS concentrations found on these sites (mean values of 148, 129 and 102  $\text{mg}\cdot\Gamma^{-1}$ ) are much lower however than those previously reported in France by Saget (1994): a TSS of between 170 and 550  $\text{mg}\cdot\Gamma^{-1}$  (with a median

of roughly 420  $\text{mg}\cdot\Gamma^{-1}$ ) on Paris catchments (QASTOR database).”

**Erratum 2:** “Whereas no significant difference was found for TAF across the 3 sites, statistical analyses revealed significant site-to-site differences for total PAH concentrations in stormwater ( $\sum_{13}$  PAHs, Kruskal-Wallis test,  $\alpha = 0.05$ ,  $p$ -value = 0.031). Moreover, Chassieu (694  $\text{ng}\cdot\Gamma^{-1}$  for  $\sum_{13}$  PAHs, Table 6) and Pin Sec (908  $\text{ng}\cdot\Gamma^{-1}$ ) presented lower concentrations than Sucy (2,791  $\text{ng}\cdot\Gamma^{-1}$ ).”

The online version of the original article can be found at <http://dx.doi.org/10.1007/s11356-013-2396-0>.

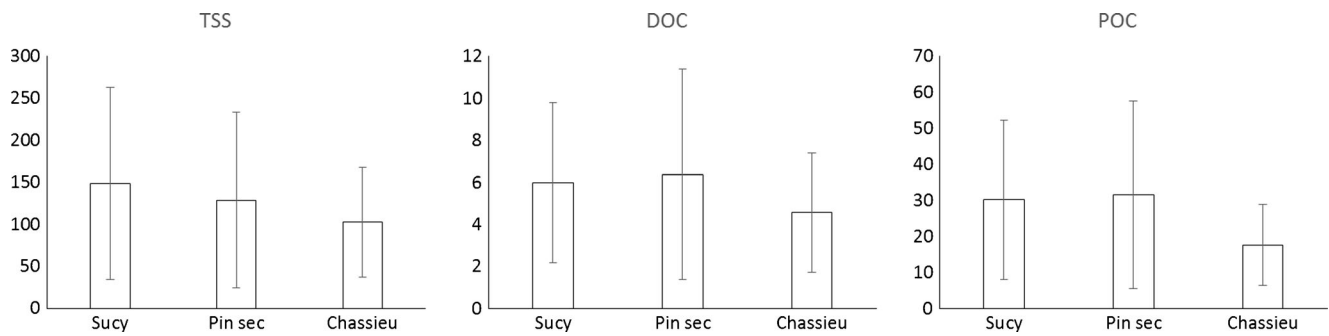
J. Gasperi (✉) · C. Mirande · E. Caupos · M. Saad · P. Dubois · R. Moilleron · G. Chebbo · M. C. Gromaire (✉)  
Université Paris-Est, LEESU, UMR-MA 102-AgroParisTech,  
6-8 avenue Blaise Pascal Cité Descartes, 77455 Champs-sur-Marne,  
France  
e-mail: gasperi@u-pec.fr  
e-mail: gromaire@leesu.enpc.fr

C. Sebastian · S. Barraud  
Université de Lyon, INSA Lyon, Université Lyon 1, LGCIE,  
34 avenue des Arts, 69621 Villeurbanne cedex, France

V. Ruban (✉) · M. Delamain · S. Percot · D. Demare  
Institut Français des Sciences et Technologies des Transports  
de l'Aménagement et des Réseaux, Route de Bouaye, BP 4129,  
44341 Bouguenais cedex, France  
e-mail: veronique.ruban@ifsttar.fr

L. Wiest · C. Fratta · C. Cren  
Université de Lyon, Institut des Sciences Analytiques—UMR 5280,  
CNRS, Université Lyon1, ENS-Lyon, Equipe TRACES,  
5 rue de la Doua, 69100 Villeurbanne, France

M. Diallo Kessoo · J. J. Schwartz · H. Wolff · M. Millet  
Institut de Chimie et Procédés pour l'Energie, l'Environnement et la  
Santé, UMR 7515, 26 rue Becquerel, 67087 Strasbourg cedex 2,  
France



**Figure 2** Concentrations (mean ± SD, in mg.l<sup>-1</sup>) of conventional water quality parameters for stormwater on the Sucy (n=24), Pin Sec (n=18) and Chassieu (n=7) catchments

**Table 5** Pollutant concentrations (mean ± SD) in stormwater displaying site-to-site differences

Substances	Sucy		Pin Sec		Chassieu		References
	Mean	SD	Mean	SD	Mean	SD	
<b>Metals*</b>	<b>Events</b>	<b>8</b>	<b>15</b>		<b>5</b>		
As	1.47	0.99	4.78	3.19	1.36	1.03	-
Cr	4.94	3.54	2.80	2.10	10.96	8.84	2.1-14 <sup>1</sup> 3.0-195 <sup>2</sup> 2.1-20 <sup>3</sup>
Cu	57.71	43.13	27.08	20.63	66.91	56.42	41.0-197 <sup>2</sup> 5.9-37 <sup>3</sup> 66.6-54.8 <sup>4</sup>
Ni	3.65	2.49	4.44	3.23	8.41	5.74	2.1-8.5 <sup>3</sup> 2.2-32 <sup>1</sup>
Sr	152.73	107.78	37.60	25.25	61.74	41.04	-
Zn	269.42	184.07	196.54	135.43	438.93	360.20	64-536 <sup>1</sup> 52-502 <sup>2</sup> 32-320 <sup>3</sup> 176-140 <sup>4</sup>
<b>PAHs**</b>	<b>Events</b>	<b>8</b>	<b>7</b>		<b>4</b>		
Fluo	468	417	134	92	116	77	169 <sup>5</sup>
Pyr	375	332	136	95	106	70	170 <sup>5</sup>
∑ <sub>13</sub> PAHs	2791	2542	908	618	694	437	
∑ <sub>16</sub> PAHs	3001	2701	1110	751	1420	964	3 300 <sup>5</sup>
<b>PBDEs**</b>	<b>Events</b>	<b>12</b>	<b>7</b>		<b>2</b>		
BDE-209	66	66	630	1012	217-85***		
∑ <sub>9</sub> PBDEs	63	64	632	1010	232-98***		

1) Lamprea et al. (2011a), 2) Rossi (1998), 3) Sabin et al. (2005) 4) NURP database, mean and median values, 5) Zgheib et al. (2011), median values, \*) Metal concentrations in µg.l<sup>-1</sup>, \*\*) Concentrations in ng.l<sup>-1</sup> for organic pollutants, \*\*\*) Only two events collected.