

Environmental Science & Technology

To the editor

Eduard Szöcs

*University of Koblenz-Landau
Institute for Environmental Sciences
Fortstr. 7
76829 Landau - GERMANY
Phone: +49 6321 280 31552
E-mail: szoecs@uni-landau.de*

Submission of article

August 19, 2016

Dear Editor,

enclosed is a manuscript to be considered for publication in Environmental Science & Technology titled

Pesticides in small agricultural streams in Germany

Pesticides enter freshwater ecosystems from agricultural areas and may have effects on biota. However, relatively little is known about their large-scale distribution. Especially, small streams may be at high risk because of adjacency to fields and small water columns.

We compiled and homogenized monitoring data from all German Federal States with a focus on small to mid-size streams. Our results show that there is lack of knowledge for small streams. However, the data revealed the pesticides are commonly occurring. Especially, neonicotinoid pesticides may pose a risk to small agricultural freshwaters.

Our study should be of general interest and add valuable information on chemical monitoring, pesticide occurrences and ecological risk arising from them.

If you have any further questions do not hesitate to contact me.

Yours sincerely,

Eduard Szöcs