



# Development of a soft extraction method for sulfamethoxazole and transformation products from agricultural soils: Effects of organic matter co-extraction on the environmental availability assessment

Anais Goulas, Marjolaine Deschamps, Sylvie Nelieu, Julie Jimenez,  
Dominique Steyer, Claire-Sophie Haudin, Pierre Benoit

## ► To cite this version:

Anais Goulas, Marjolaine Deschamps, Sylvie Nelieu, Julie Jimenez, Dominique Steyer, et al.. Development of a soft extraction method for sulfamethoxazole and transformation products from agricultural soils: Effects of organic matter co-extraction on the environmental availability assessment. *Science of the Total Environment*, 2017, 607-608, pp.1037-1048. 10.1016/j.scitotenv.2017.06.192 . hal-01570306

HAL Id: hal-01570306

<https://hal.science/hal-01570306>

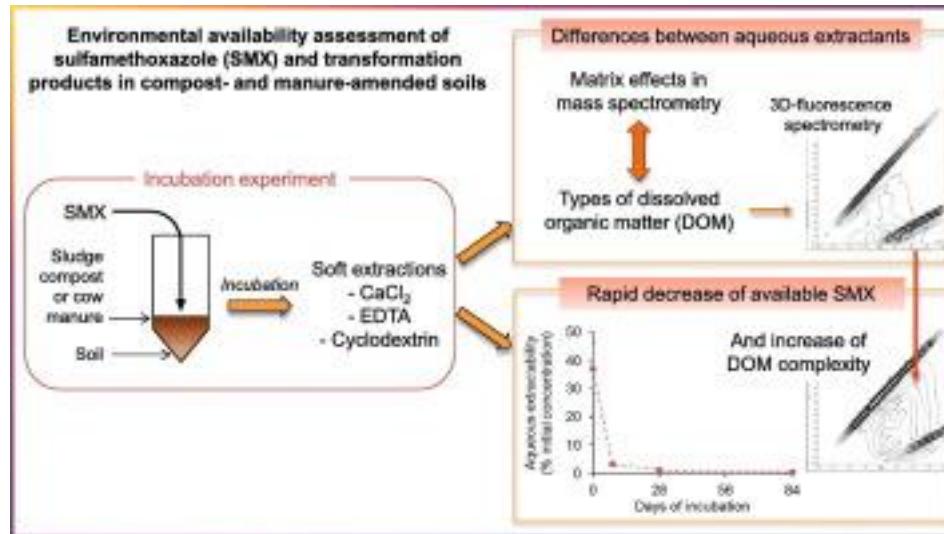
Submitted on 25 May 2020

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



Distributed under a Creative Commons Attribution - ShareAlike 4.0 International License



Anaïs Goulas, Marjolaine Bourdat-Deschamps, Sylvie Nélieu, Julie Jimenez, Dominique Patureau, Claire-Sophie Haudin, Pierre Benoit

**Development of a soft extraction method for sulfamethoxazole and transformation products from agricultural soils: Effects of organic matter co-extraction on the environmental availability assessment**

Science of The Total Environment, Volumes 607–608, 2017, 1037–1048

<http://dx.doi.org/10.1016/j.scitotenv.2017.06.192>