



Investigating tire tread particle toxicity to fish using Rainbow Trout cell lines

W. Dudefou¹, B.J.D. Ferrari², F. Breider³, T. Masset³,
E. Vermeirissen², A. Bergmann², K. Schirmer^{1,3}

¹ eawag
aquatic research ooo

² oekotoxassentrum
centre ecotox

³ EPFL

View from the Congressi Stefano Franscini, Monte Verità, Ascona, Switzerland. Picture courtesy of Angelique Moraz, ETH.

William Dudefou presentation title.

Microplastics 2022 conference in Ascona - Mechanistic insights into the toxicity of tire particles applying fish cell lines

November 17, 2022 | William Dudefou

The Microplastics 2022 conference took place in Ascona, Switzerland, where Dr. William Dudefou presented his research on the toxicity of tire tread particles to fish using Rainbow trout cell lines.

Dr Dudefou presented his research during Session 6: (micro)plastics interactions with biota. His presentation was followed by presentations from his collaborators Dr. Thibault Masset from EPFL and Dr Alan J. Bergmann from Ecotox Center, presenting their results regarding the ecotoxicological impact of tire wear particles. [More information regarding their research.](#)

Publications

<https://pubs.acs.org/doi/full/10.1021/acs.est.2c0429>
<https://pubs.acs.org/doi/10.1021/acs.est.1c04385>

Contact

Überlandstrasse 133
CH-8600 Dübendorf

T +41 58 765 55 11
F +41 58 765 50 28

info@eawag.ch
www.eawag.ch

eawag
aquatic research ooo



William Dudefoi
Postdoctoral Scientist
Tel. +41 58 765 5480
william.dudefoi@eawag.ch



Kristin Schirmer
Group leader and deputy head of department
Tel. +41 58 765 5266
kristin.schirmer@eawag.ch



Benoit Ferrari
Ecotox Centre
Tel. +41 58 765 5373
benoit.ferrari@centrecotox.ch

<https://www.eawag.ch/en/info/portal/news/news-archive/archive-detail/microplastics-konferenz-2022-in-ascona-mechanistische-einblicke-in-die-toizitaet-von-reifenpartikeln-unter-verwendung-von-fischzelllinien>