

## Structural and functional response of river sediment microbial communities to environmental concentrations of copper and arsenic, alone or in mixture

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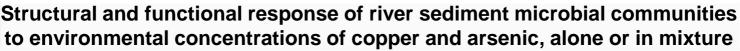
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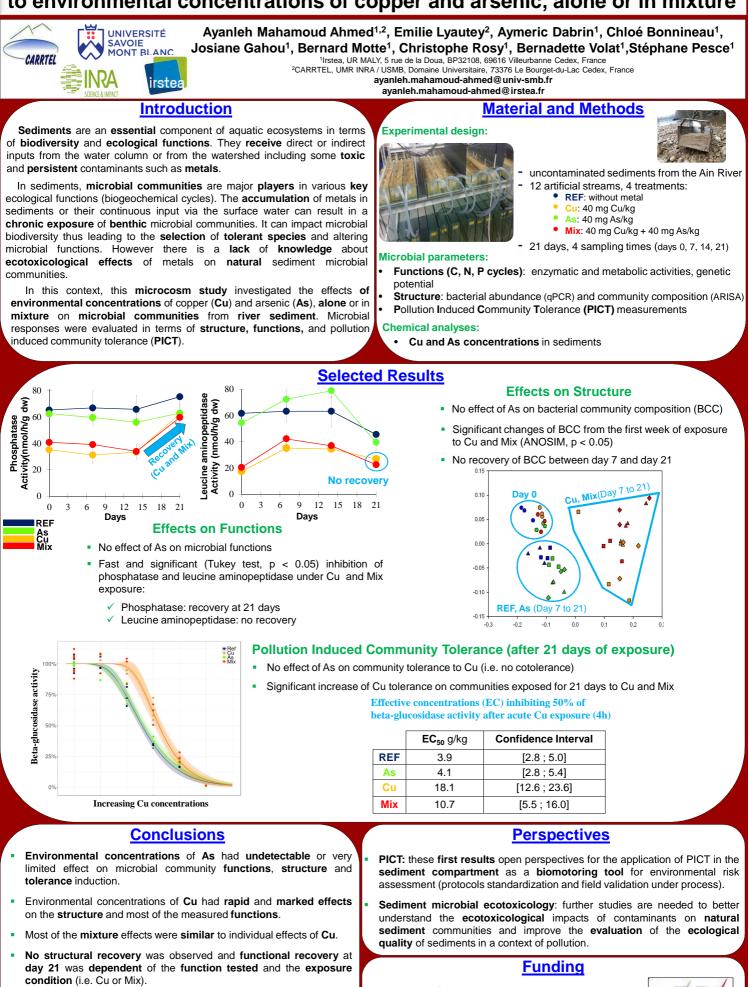
Ayanleh Mahamoud Ahmed, E. Lyautey, A. Dabrin, C. Bonnineau, B. Motte, et al.. Structural and functional response of river sediment microbial communities to environmental concentrations of copper and arsenic, alone or in mixture. 1st International Conference on Microbial Ecotoxicology (EcotoxicoMic 2017), Nov 2017, Lyon, France. pp.1, 2017. hal-02606933

## HAL Id: hal-02606933 https://hal.inrae.fr/hal-02606933v1

Submitted on 16 May 2020

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MINISTÈRE DE L'ENVIRONNEMENT

1st International Conference on Microbial Ecotoxicology (EcotoxicoMic 2017), Lyon, France, 21-24 November 2017

- The PICT response (Cu tolerance under Cu and Mix exposure) was consistent with bacterial community composition changes.
- These findings reveal that metals accumulation in sediments can impact exposed microbial communities thus potentially affecting their functional role in aquatic ecosystems.