



water



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## Evaluation of Invertebrates in Drinking Water Networks

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Deadline for manuscript  
submissions:

**closed (31 October 2022)**

### Message from the Guest Editor

Drinking water quality is threatened by raw water contamination as well as by the insufficient biological water stability during distribution in drinking water networks. This includes the outflow of organic carbon (DOC, organisms) and methane from water treatment plants and the growth of biofilm and, of high significance, the development of a pipe invertebrate community. Most pipe inhabitants found in drinking water systems are typical freshwater organisms that do not occur in raw water and are also therefore not typical for drinking water treatment filters. Harmful species are water lice, snails, chironomids, worms (oligochaetes, nematodes), water fleas, ciliates, and naked amoebae, among others. Macroinvertebrate introduction into drinking water networks is rare; the main problem is growth, propagation, and mass development of introduced species [...]

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Special Issue



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