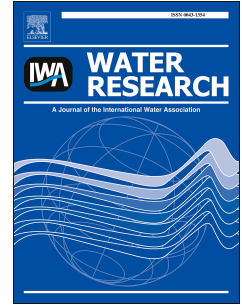


Accepted Manuscript

Determination of mechanical properties of biofilms by modeling the deformation measured using optical coherence tomography

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PII: S0043-1354(18)30700-0

DOI: [10.1016/j.watres.2018.08.070](https://doi.org/10.1016/j.watres.2018.08.070)

Reference: WR 14046

To appear in: *Water Research*

Received Date: 17 April 2018

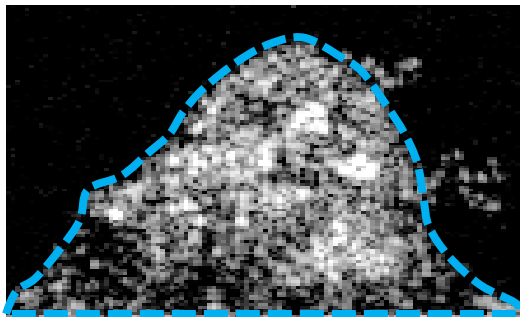
Revised Date: 25 August 2018

Accepted Date: 30 August 2018

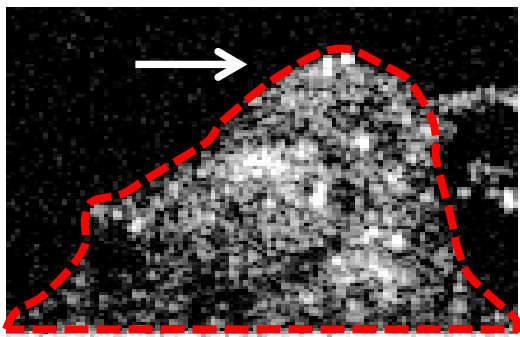
Please cite this article as: Picioreanu, C., Blauert, F., Horn, H., Wagner, M., Determination of mechanical properties of biofilms by modeling the deformation measured using optical coherence tomography, *Water Research* (2018), doi: 10.1016/j.watres.2018.08.070.

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Optical coherence tomography imaging

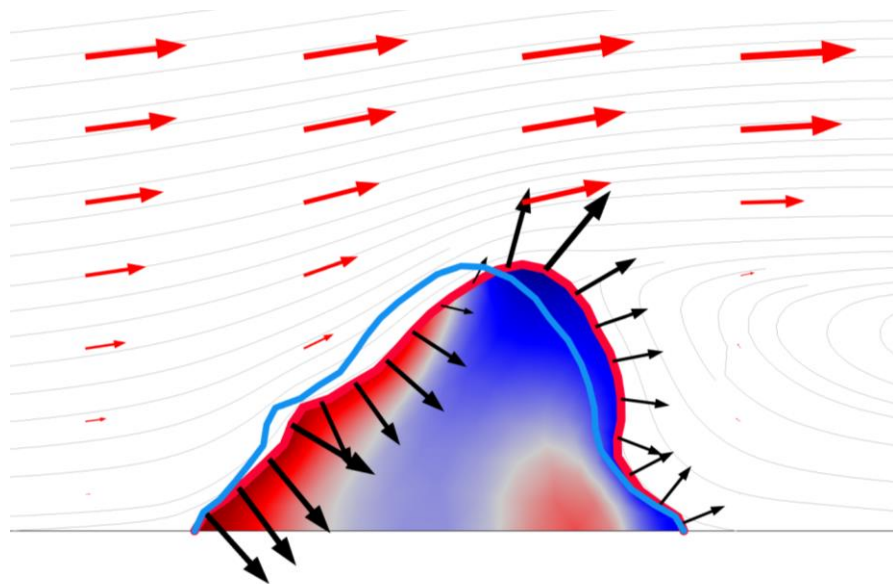


Non-deformed biofilm

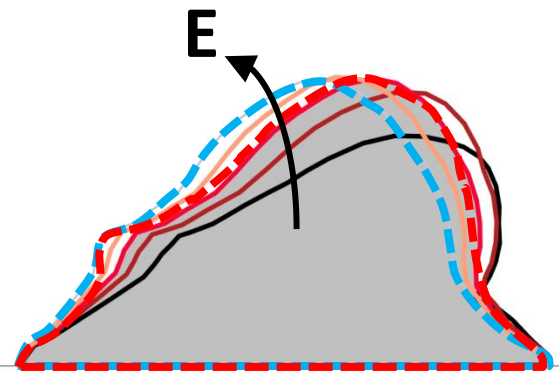


Flow-induced biofilm deformation

Fluid-structure interaction model with poroelastic biofilm



Best fit elastic modulus



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