

Process modeling of brackish and seawater nanofiltration

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ABSTRACT

We demonstrate that the multi-scale nanofiltration (NF) “process modeling” software, NanoFlux, that we are developing can be used to perform reliable desalination plant modeling for highly concentrated brine and seawater feeds in real-world situations.

Keywords: Nanofiltration; Modeling; Desalination; Process simulation; Seawater

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