

CURRICULUM VITAE

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PROFESSIONAL WORK EXPERIENCE

March 2018 to date Postdoc, SMHI Norrköping, Sweden
Sep 2014-Oct 2017 Postdoctoral Research Associate, The University of Bristol, UK.
Jan 2011-Aug 2014 Scientist at the UFZ¹, Leipzig and the FSU Jena, Germany.
Aug 2007-Dec 2010 Research Assistant at the FSU Jena, Germany.
Mar 2007-Aug 2007 Remediation Engineer, Pollution Control Engineers Plc.
Mar 2001-Aug 2004 Engineering Supervisor Kinyara Sugar Works Ltd.

EDUCATION

Aug 2007-Dec 2010 **Doctoral Research** at the Universität Jena, Germany.
Sep 2004-Mar 2007 **M.Sc.**, Water Resources Engineering and Management, Universität Stuttgart, Germany .
Sep 1996-Jun 2000 **B.Sc.**, Engineering, Makerere University, Kampala Uganda.

SELECTED PUBLICATIONS

- **Musuuza, J. L.**, Attinger, S. and Radu, F. A. (2009): *An Extended Stability Criterion for Density-driven Flows in Homogeneous Porous Media*. Adv. Wat. Resour., doi: 10.1016/j.adwatres.2009.01.012.
- **Musuuza, J. L.** (2010), *Scaling Haline flows in Heterogeneous Formations*. PhD Thesis, Friedrich-Schiller-Universität Jena
- **Musuuza, J. L.**, Radu, F. A. and Attinger, S. (2011): *The Effect of Dispersion on the Stability of Density-driven Flows in Saturated Homogeneous Media*. Adv. Wat. Resour., doi: 10.1016/j.adwatres.2010.11.008
- **Musuuza, J. L.**, Radu, F. A. and Attinger, S. (2011): *The Stability of Density-driven Flows in Saturated Heterogeneous Media*. Adv. Wat. Resour., doi: 10.1016/j.adwatres.2011.07.005
- **Musuuza, J. L.**, Radu, F. A. and Attinger, S. (2012): *Predicting predominant thermal convection in thermohaline flows in saturated porous media*. Adv. Wat. Resour., doi: 10.1016/j.adwatres.2012.07.020
- Cuntz, M., Mai, J., Zink, M., Thober, S., Kumar, R., Schäfer, D., Schrön, M., Craven, J.R., Rakovec, O., Spieler, D., Prykhodko, V., Dalmasso, G., **Musuuza, J.**, Langenberg, B., Attinger, S., Samaniego, L. (2015): *Computationally inexpensive identification of noninformative model parameters by sequential screening* Water Resour. Res. 51 (8), 6417 - 6441.
- Kumar, R., **Musuuza, J.L.**, Van Loon, A.F., Teuling, A.J., Barthel, R., Ten Broek, J., Mai, J., Samaniego, L., Attinger, S. (2015): *Multiscale evaluation of the Standardized Precipitation Index as a groundwater drought indicator* Hydrol. Earth Syst. Sci. Diss. 12 (8), 7405 - 7436.

¹Helmholtz Centre for Environmental Research