

Lecturer	
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Professional Training and Experience	2016: PhD Soil Science, Ghent University, Gent, Belgium 2012: M.Sc. Physical Land Resources, Free University of Brussels, Brussels, Belgium 2009: B.Sc. Agricultural Land Use and Management, Makerere University, Kampala, Uganda
Research Interests/Expertise	Pedology, Soil and Water Conservation, Digital Soil Mapping, Climate Smart Agriculture
Publications	<ol style="list-style-type: none"> 1. Opolot, E., Tesfay Araya, W., Nyssen, J., Bashar, A., Verbist, K., Cornelis, W. (2016): Evaluating in situ water and soil conservation practices with a fully coupled, surface/subsurface process-based hydrological model in Tigray, Ethiopia, <i>Land Degradation & Development</i>, Volume 27, Issue 8; DOI: 10.1002/ldr.2335. 2. Opolot, E., Yu, Y. Y., Finke, P. A. (2015). Modelling soil genesis at pedon and landscape scales: Achievements and problems, <i>Quat. Int.</i>, 34–46, doi:10.1016/j.quaint.2014.02.017. 3. Opolot, E. (2013). Application of remote sensing and geographical information systems in flood management: A review, <i>Res. J. Appl. Sci. Eng. Technol.</i> vol.: 6 issue: 10 pag.: 1884 – 1894, 2013 4. Opolot, E., Finke, P. A. (2015). Evaluating sensitivity of silicate mineral dissolution rates to physical weathering using a soil evolution model (SoilGen2.25), <i>Biogeosciences</i>, 12, 6791- 6808, doi: 10.5194/bg-12-6791-2015. 5. Finke, P. A., Vanwalleghem, T., Opolot, E., Poesen, J., Deckers, J. (2013). Estimating the effect of tree uprooting on variation of soil horizon depth by confronting pedogenetic simulations to measurements in a Belgian loess area, <i>J. Geophys. Res. Earth Surf.</i>, 118(4), 2124–2139, doi:10.1002/jgrf.20153.
Innovations Developed and Awards Won	De Boodt-Maselis prize (1500€) for the overall best student and best MSc. Thesis in Master of Science in Physical Land Resources programme
Research Projects	Application of digital soil maps to guide soil and land management planning in Uganda: the case of Eastern Uganda (2018 – 2021): IFS Grant C-6143-1
Professional Membership and Activities	2012- 2016: Member of European Geosciences Union (EGU) 2010- 2016: Member of Young Soil Science Society / Belgium Soil Science Society (BSSS) 2013- : Member of Soil Modeling Consortium (SMC)