

Adeleke Daniel Damilare

Mailing Address: 166, Overhill Road, Upper Darby, PA, 19082

Phone: 4845575761 Email: damilare.daniel@yahoo.com.

EDUCATION

Villanova University – PA, United States of America	2021 - Date
<ul style="list-style-type: none">▪ Doctoral Researcher in Civil Engineering (Geoenvironmental)	
University of Cape Town – Cape Town, South Africa	2018 - 2020
<ul style="list-style-type: none">▪ Masters of Science in Civil Engineering (Geotechnical), Grade: Distinction▪ Recipient of The MasterCard Foundation Scholar Program Scholarship at University of Cape Town	
University of Benin – Benin City, Nigeria	2010 - 2015
<ul style="list-style-type: none">▪ Bachelor of Science in Civil Engineering, GPA: 4.793/5.000▪ Best Student in Academic Performance of the Department of Civil Engineering awarded annually (2010-2015).	

WORK EXPERIENCE

Geotechnical Engineering Research Group – Cape Town, South Africa <i>Laboratory Assistant & Tutor</i>	Feb 2018 – Dec 2020
<ul style="list-style-type: none">▪ Can skillfully carry out index and engineering tests and interpret its data to project specification▪ Conducted several geosynthetics interface tests for landfill projects within this period	
Aurecon – Pretoria, South Africa <i>Graduate Intern</i>	Jan 2020 – Feb 2020
<ul style="list-style-type: none">▪ Can skillfully carry out deep foundation design and make a presentation to senior consultants▪ Designed and implemented a slope stability analysis for a project site and produced borehole log reports	
Efficacy Construction Company – Lagos, Nigeria <i>Graduate Engineer</i>	May 2016 – Dec 2017
<ul style="list-style-type: none">▪ Production of structural and foundational designs of awarded projects▪ Followed-up detailed drawing with the actual construction on-site	

RESEARCH & PUBLICATIONS

Geotechnical Engineering Research Group (GERG) –University of Cape Town, South Africa <i>Graduate Researcher</i>	Feb 2018 – Dec 2020
<ul style="list-style-type: none">▪ Independently conducted several geosynthetics interface tests for landfill projects within this period	
Publication: Adeleke D., Kalumba, D., and Hardie, P., 2019, “ <i>Effects of asperities on the geotextile-geomembrane interface shear characteristics</i> ”, Proceedings of the 13th Australia New Zealand Conference on Geomechanics 2019, Perth, Western Australia, 1–3 April 2019. ISBN: 978-0-9946261-0-3, pp. 699-704. Adeleke D., Kalumba, D., and Osuji, S., 2019, “ <i>Improvement of the geotechnical properties of lateritic soil using gypsum</i> ”, Proceedings of the 17th African Regional Conference: Soil Mechanics and Geotechnical Engineering (XVII ARCSMGE), Cape Town, South Africa, 6–10 October 2019. pp. 741-744. Adeleke D., Kalumba, D., and Oriokot, J., 2019, “ <i>Asperities effect on polypropylene & polyester geotextile-geomembrane interface shear behaviour</i> ”, Proceedings of the 7th International Symposium on Deformation Characteristics of Geomaterials, Glasgow, United Kingdom, 26–28 June 2019. DOI: 10.1051/e3sconf/20199213017.	
Presentations: Paper presentation on “ <i>Asperities effect on polypropylene & polyester geotextile-geomembrane interface shear behaviour</i> ” at the 7th International Symposium on Deformation Characteristics of Geomaterials, Glasgow, United Kingdom, 26–28 June 2019. Poster presentation on “ <i>Efficient and safe landfills: The effect of asperities on landfill interface shear</i> ” at the 6th EBE Research Expo, University of Cape Town, 9 May 2019.	

SKILLS, LEADERSHIP EXPERIENCE, & AWARDS

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- Fluent in English
 - Proficient in Microsoft Office, AutoCAD, Orion, Revit, GeoStudio, Rocscience, HEC-HMS, HEC-SSP, ArcGISPro, and STAAD.Foundation
 - President of Redeemed Christian Fellowship at University of Cape Town
 - President of Drug-Free Club (DFC), National Drug Law Enforcement Agency NDLEA)
 - Geosynthetics Institute Fellowship, Geosynthetics Institute, Folsom, USA.
 - African Change Maker Fellowship