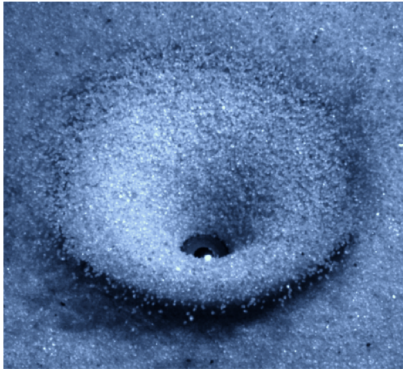
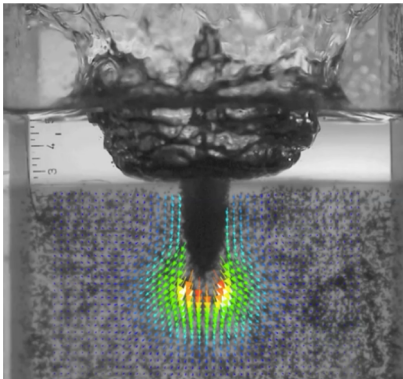


Graduate Fellowships in Geotechnical Engineering

New York University & Manhattan College



The geotechnical groups at New York University and Manhattan College are staffing for a funded project titled “Robust Prediction of Depth of Burial in Soils Using a Field Calibrated Phenomenological Model and Probabilistic Simulations.” The project involves experiments, deterministic and probabilistic numerical simulations, field work, and analytical modeling of mechanical behavior of geomaterials. We seek candidates with a strong scientific background, and the ability to program, preferably in Python. The following positions are available:



PhD Fellowship at NYU Tandon School of Engineering: The ideal candidate(s) should have an M.S. degree in civil engineering, engineering mechanics, applied physics, or a closely related field. Preference will be given to applicants with good written and oral communication skills, and experience in continuum mechanics, numerical methods, probabilistic analysis, and/or advanced laboratory techniques. Applicants should reach out to Professor Magued Iskander, at iskander@nyu.edu.



Graduate Fellowships at Manhattan College: The ideal candidate(s) should have a B.S. degree in civil engineering, mechanical engineering, or applied physics. Preference will be given to applicants with demonstrated interest in scientific research, prior exposure to programming, particularly with Python, and good written and oral communication skills. Applicants should reach out to Dr. Mehdi Omidvar at omidvar@manhattan.edu.

We seek individuals able to work independently in a collaborative environment with faculty and graduate students across various scientific and engineering disciplines. More information about our relevant previous collaborations can be found at <https://wp.nyu.edu/DTRA>.

Applicants should submit a (1) letter of interest, (2) current resume, (3) copy of one publication or writing sample, and (4) name and contact information of two references.

Robust Prediction of
Depth of Burial in Soils
Using a Field Calibrated
Phenomenological
Model and Probabilistic
Simulations



NYU | TANDON SCHOOL
OF ENGINEERING

Department of Civil & Urban Engineering



**MANHATTAN
COLLEGE**

New York University (NYU) is an Equal Opportunity Employer. NYU is committed to a policy of equal treatment and opportunity in every aspect of its hiring and promotion process without regard to race, color, creed, religion, sex, pregnancy or childbirth (or related medical condition), sexual orientation, partnership status, gender and/or gender identity or expression, marital, parental or familial status, caregiver status, national origin, ethnicity, alienage or citizenship status, veteran or military status, age, disability, predisposing genetic characteristics, domestic violence victim status, unemployment status, or any other legally protected basis. Women, racial and ethnic minorities, persons of minority sexual orientation or gender identity, individuals with disabilities, and veterans are encouraged to apply for vacant positions at all levels.