

Project Status Report: CEEEn-2016CPST-013: Liquefaction Potential & Post-Earthquake Stability Assessment

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<p>1) Summary of technical/non-technical challenges encountered</p> <ul style="list-style-type: none">• Difficulties finding specific variables (The equation we are using to find the factor of safety requires a fines content conversion and we have had difficulties finding that variable)• Challenges with knowing how to estimate earthquake acceleration numbers accurately.	<p>2) Team approaches/resolutions to overcome challenges</p> <ul style="list-style-type: none">• In depth research for fines content and how to convert all soils to sands• Talked to our student advisor• Used homework examples from other classes to program equations (used 1 for all unknown values and marked them to later find appropriate values)
<p>3) Status of challenge resolutions & potential project impacts</p> <ul style="list-style-type: none">• All phases of the project are currently on schedule• We have had a difficult time meeting with our faculty advisor but we have found enough info to continue on schedule	<p>4) Project Status & Summary</p> <ul style="list-style-type: none">• There are no current project delays• The project is currently at 50% of completion