



## Geotechnical Engineering – Training Posters

The YGP group extending an invitation to fellow YGP's to assist in the production of Geotechnical Engineering – Basics Posters. The idea of these posters is to provide a summary of how we typically perform 80% of the most common Geotechnical engineering calculations.

**The following posters are where we need your input/ expertise:**

1. Shallow Foundation Design
2. Deep Foundation Design
3. Settlement
4. Liquefaction/Lateral Spread

**The rules of the production of the posters are as follows:**

- All information should be able to fit on a single A3 poster
- It should follow an analysis process (e.g. set up a ground model, perform correlation checks to confirm parameters, run analysis, check against industry standards)
- It should reference industry-recognised methods of analysis/codes and standards.

**What these posters are not:**

- Going into extreme detail on specialty cases
- A 'be-all' for all applications of each topic
- A manual for 'must dos' nor a 'specification/code'

The time commitment is as much as you would like, but we recommend at a minimum to commit to at least **16 hours total** (including a review updates with a Senior NZGS Member). The targeted draft output in timeline is 4-6 weeks from commencement for each poster.

This process is a great way to ensure you are familiar with a topic we commonly work with and establishes a networking opportunity within NZGS.

Please email your expression of interest with your CV to [ygp@nzgs.org](mailto:ygp@nzgs.org) by COB Wednesday 20<sup>th</sup> October and be sure to include:

- Your relevant experience to your chosen poster, and;
- Your experience level;