

Declan-Limerick

1. Geology in context

<http://www.youtube.com/watch?v=UCH2xnrAADI&feature=youtu.be>

2. Soil properties -- the fundamental building blocks

<http://www.youtube.com/watch?v= QXicRAwG-4&feature=youtu.be>

3.1 Basic principle

<http://www.youtube.com/watch?v=1E8-nxeJgb8&feature=youtu.be>

3.2 Worked examples

<http://www.youtube.com/watch?v=ZU8XqajRYil&feature=youtu.be>

3.3 Water flow and effective stress

<http://www.youtube.com/watch?v=V2VvWdT8-Pg&feature=youtu.be>

4.1 Basic introduction to strength

<http://www.youtube.com/watch?v=1KGculEVK0k&feature=youtu.be>

4.2 A simple frictional model for strength

<http://www.youtube.com/watch?v= GA5Ly3cSEk&feature=youtu.be>

4.3 Influence of stress path on strength

<http://www.youtube.com/watch?v=xENiEozJG-U&feature=youtu.be>

4.4 Drained and undrained shear strength

<http://www.youtube.com/watch?v=BIPOyIXyY5o&feature=youtu.be>

5.1 Overview and context

<http://www.youtube.com/watch?v=YBhzODzvBOU&feature=youtu.be>

5.2 Fundamentals of soil compressibility

[http://www.youtube.com/watch?v=8QsutMj\\_-uM&feature=youtu.be](http://www.youtube.com/watch?v=8QsutMj_-uM&feature=youtu.be)

5.3 Settlement calculations in practice

<http://www.youtube.com/watch?v=nkZjEdaO11o&feature=youtu.be>