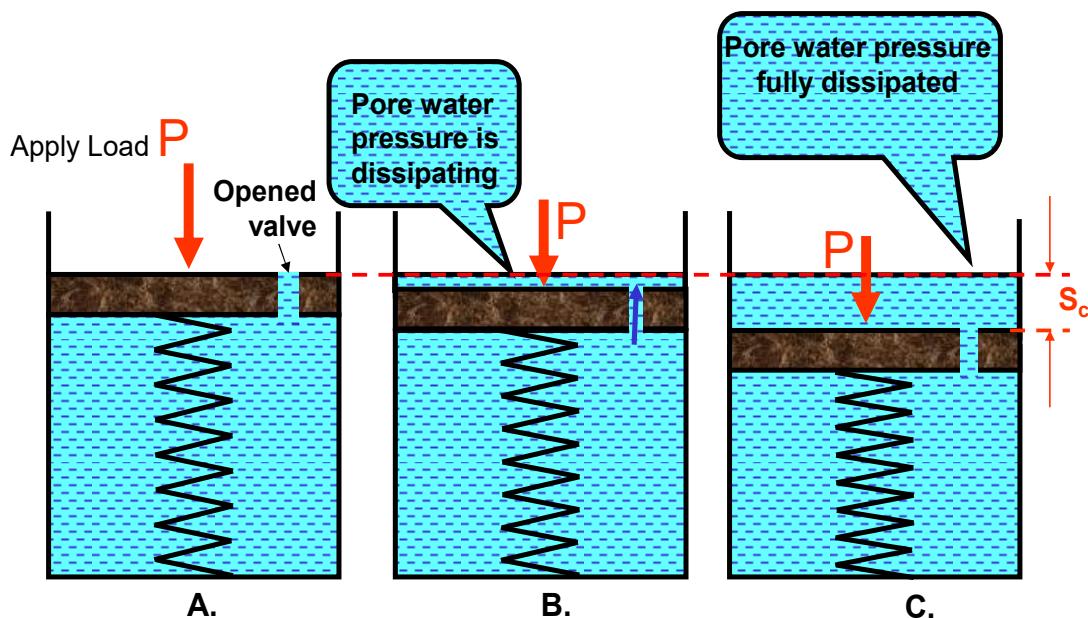
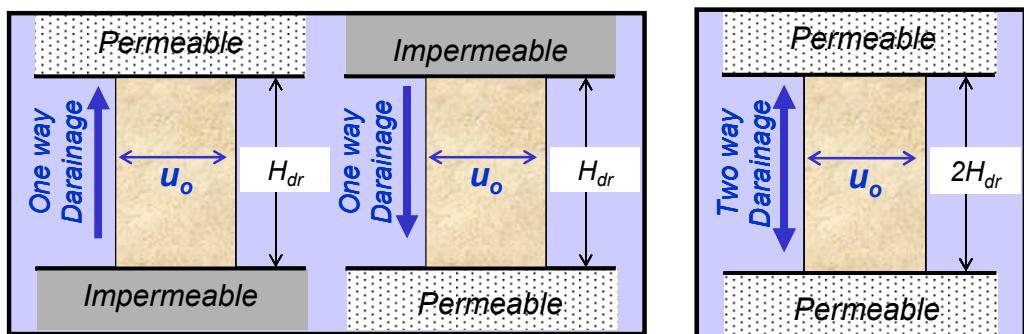
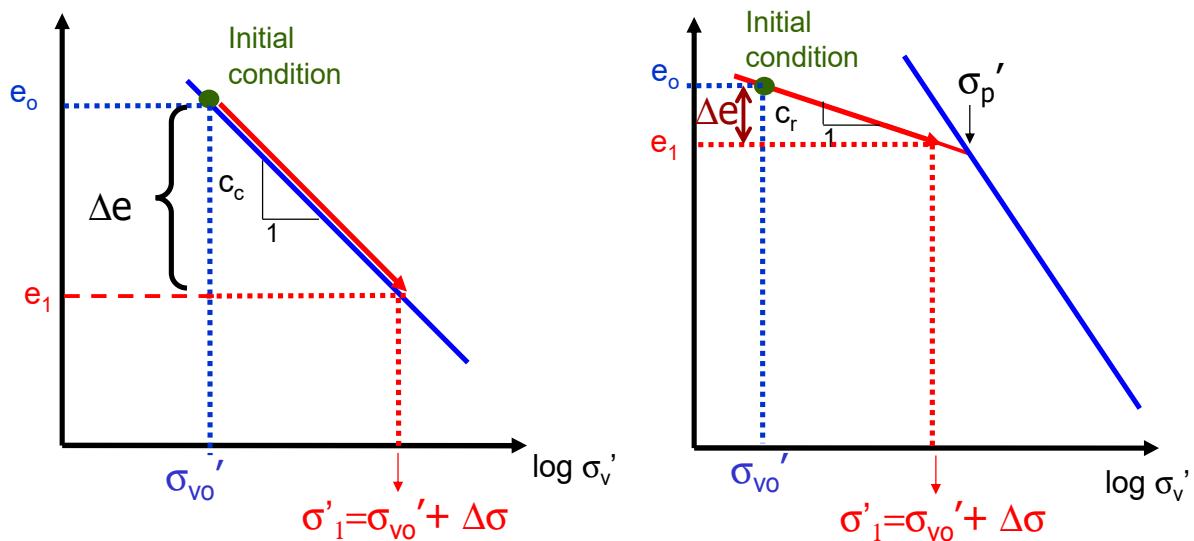


TANAH LUNAK DAN PERHITUNGAN PENURUNAN



TANAH LUNAK DAN PERHITUNGAN PENURUNAN

Karakteristik dan Parameter Tanah Lunak.....	TL-1
1. Tanah Lunak, Apa Saja? Apa Masalahnya?	TL-4
• Lempung Lunak, Pasir Lepas, Gambut, Tanah Organik	
• Collapsible Soils	
• Problematic Soil lainnya: Collapsible dan Clay Shale	
2. Identifikasi Tanah Lunak	TL-9
• Berat Isi	
• N SPT	
• CPT	
• CPTu – Under Consolidating Soils	
• Liquidity Indeks	
• Tanah Gambut	
• Sebaran Ukuran Butir	
3. Perbagai Jenis Perbaikan Tanah.....	TL-15
4. Daftar Pustaka.....	TL-16

Settlement Calculation and Its Parameters	SC-1
1. The Concept of Ground Settlement.....	SC-2
2. Calculation of Immediate Settlement.....	SC-9
3. Calculation of Consolidation Settlement	SC-13
4. Skempton Bjerrum's Correction Factor	SC-16
5. Time Rate of Consolidation.....	SC-20
6. Calculation of Secondary Settlement	SC-30
7. Conventional Method in Estimating Consolidation Parameters	SC-35
• Consolidation Test	
• Pre-consolidation Pressure – Casagrande's Method	
• Coefficient of Consolidation – Taylor's Method	
8. Proposed Parallel Rebound Method in determination of Pre-consolidation Pressure...	SC-41
9. Proposed Asaoka's Method in determination of Coefficient of Consolidation	SC-47
10. Violation of Loading Duration.....	SC-51
11. Conclusions	SC-52
12. References	SC-53