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**Fatigue characteristics of concrete subjected
to compressive cyclic loading: laboratory testing
and numerical simulation**

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Table of Contents

Acknowledgement	I
Abstract	III
List of Figures	IX
List of Tables	XV
Nomenclature	XVII
Abbreviation	XX
1. Introduction	1
1.1 Research background	1
1.1.1 What is fatigue?	1
1.1.2 Classification of fatigue	2
1.1.3 Fatigue in geotechnical engineering	4
1.2 Work objective	5
1.3 Structure of thesis	5
2. State of the art	7
2.1 Fatigue research based on mechanical theories	7
2.1.1 Fracture mechanics	7
2.1.2 Continuum mechanics	11
2.1.3 Damage mechanics	12
2.2 Fatigue research based on laboratory tests	14
2.2.1 Compressive fatigue tests	14
2.2.2 Tensile fatigue tests	15
2.2.3 Shear fatigue tests	17
2.2.4 Torsional fatigue tests	17
2.2.5 Flexural fatigue tests	17
2.2.6 Static fatigue tests	18
2.2.7 Freezing-thawing cyclic tests	18

2.2.8 Wetting-drying cyclic tests	19
2.3 Fatigue research based on numerical simulations.....	21
2.3.1 Continuum approaches.....	21
2.3.2 Discontinuum approaches	22
3. Laboratory fatigue testing.....	25
3.1 Fatigue testing set-up	25
3.1.1 Specimen preparation.....	25
3.1.2 Experimental apparatus.....	26
3.1.3 Testing scheme.....	28
3.2 Characteristics of dissipated energy.....	29
3.2.1 Effect of maximum cyclic load level on energy dissipation.....	32
3.2.2 Effect of minimum cyclic load level on energy dissipation	41
3.2.3 Inhomogeneous characteristics of strain evolution and energy dissipation.....	44
3.3 P-wave speed evolution and AE characteristics	51
3.3.1 P-wave speed evolution	51
3.3.2 AE characteristics	55
3.4 Hysteresis and dynamic response during fatigue loading.....	59
3.4.1 Hysteresis and DRR characteristics of specimens failed within only one loading stage	60
3.4.2 Effect of maximum load level on hysteresis time and DRR.....	62
3.4.3 Effect of minimum load level on hysteresis time and DRR	66
3.4.4 Hysteresis and dynamic response with respect to AE and P-wave speed evolution	68
3.5 Failure patterns of concrete specimens	72
3.6 Conclusions.....	74
4. Numerical simulation of fatigue testing.....	77
4.1 Introduction of LPBM.....	78
4.2 Numerical simulation of static fatigue testing	81

4.2.1 Parallel-bonded Stress Corrosion (PSC) model	81
4.2.2 Application of PSC model for static fatigue simulation	85
4.3 Numerical simulation of single-level fatigue testing.....	86
4.3.1 Nonlinear Parallel-bonded Stress Corrosion (NPSC) model	86
4.3.2 Application of NPSC model for single-level fatigue testing	87
4.3.3 Simulation results based on single-level fatigue testing	98
4.3.4 Simulation of AE in single-level fatigue testing.....	100
4.4 Numerical simulation of multi-level fatigue testing	102
4.4.1 Multi-level Stress Corrosion (MSC) model.....	102
4.4.2 Application of MSC model in multi-level fatigue testing	103
4.4.3 Simulation results based on multi-level fatigue testing	106
4.4.4 Simulation of AE in multi-level fatigue testing.....	117
4.5 Conclusions.....	120
5. Hysteresis energy based fatigue prediction method.....	123
5.1 Hysteresis energy based fatigue indicators	123
5.2 Laboratory test results.....	124
5.2.1 Analysis of HOR.....	124
5.2.2 Analysis of HER	128
5.3 In situ application of the fatigue prediction method	138
5.4 Conclusions.....	139
6. Conclusions and outlook.....	141
6.1 Main conclusions	141
6.2 Recommendations for future research	144
Reference	145