Special issue on recent advances in monitoring and analytical methods for structural and geotechnical engineering

Preface

With the development of new materials and construction technologies, various modern civil engineering structures (including building and lifeline structures) have been designed and constructed during the past decades. Structural and geotechnical engineering are of great importance for ensuring the functionality and safety of civil engineering structures. Under this background, we organize the special issue of “Recent advances in monitoring and analytical methods for structural and geotechnical engineering” in **Structural Monitoring and Maintenance**, *an International Journal*, to collect new research works and contributions in this field.

The articles published in this special issue reflect original research and technological development on topics that include new experimental test method, reinforcing techniques of site soils, structural damage identification approach, strength reduction factor spectra for structural design, structural seismic test technology, as well as macro-micro physical and mechanical properties of soils. We hope this special issue will share new academic thoughts and technical measures, which can benefit the development of structural and geotechnical engineering.

Guest Editors:

Dr. Chao Li
School of Infrastructure Engineering,
Dalian University of Technology,
E-mail: chaoli@dlut.edu.cn

Dr. Huaping Wan
College of Civil Engineering and Architecture,
Zhejiang University,
E-mail: hpwan@zju.edu.cn

Dr. Huihui Dong
Faculty of Architecture,
Civil and Transport. Eng. Beijing University of Technology,
E-mail: Donghh@bjut.edu.cn

Dr. Jian Cui
School of Civil Engineering,
Tianjin University,
E-mail: jian.cui@tju.edu.cn