

- 1) Soil Liquefaction–Induced Uplift of Underground Structures: Physical and Numerical Modeling.
Read
More: <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29GT.1943-5606.0001159>
- 2) Use of Live Poles for Stabilization of a Shallow Slope Failure.
Read
More: <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29GT.1943-5606.0001161>
- 3) Rammed aggregate piers.
- 4) Usage of micro piles.
- 5) Soil nailing.
- 6) Usage of FEM for slope stability analysis.
- 7) Usage of FEM to analyse mat foundation.
- 8) Foundation design and construction for historical and monumental structures.
- 9) Deep soil mixing.
- 10) Challenges in designing foundation for offshore structures.
- 11) Soil improvement techniques.
- 12) Softwares on geotechnical engineering.
- 13) Geothermal piles.
- 14) Earth air tunnel.
- 15) Ballasting
- 16) Under sea Foundations.