

Subject index

Dams, barrages & reservoirs

The first 30 years of Lefkara Dam. Kyrou K., Penman A. and Artemis C. Apr., 113–122

Design methods & aids

- Back-analysis of laterally bored piles. Nip D. C and Ng C. W. W. Apr., 63–73
- Design procedures for installation of suction caissons in clay and other materials. Houlsby G. T. and Byrne B. W. Apr., 75–82
- Evaluating permissible subgrade rut depth in pavement design. Hau K. W. and McDowell G. R. Jan., 45–56
- Pile-settlement evaluation using field stiffness non-linearity. Berardi R. and Bovolenta R. Jan., 35–44

Diaphragm walls

Yielding mechanisms in a rectangular trench. Lei G. H. Jul., 169–172

Dynamics

Dynamic behaviour of laterally loaded model piles in clay. Boominathan A. and Ayothiraman R. Oct., 207–215

Excavation

- Ground movement monitoring at King's Cross Station, London. Beth M. and Obre X. Jul., 125–133
- Yielding mechanisms in a rectangular trench. Lei G. H. Jul., 169–172

Failures

Hull wastewater flow transfer tunnel: tunnel collapse and causation investigation. Grose W. J. and Benton L. Oct., 179–185

Field testing & monitoring

- Comparing CPT and pile base resistance in sand. White D. J. and Bolton M. D. Jan., 3–14
- The first 30 years of Lefkara Dam. Kyrou K., Penman A. and Artemis C. Apr., 113–122

Foundations

- Design procedures for installation of suction caissons in clay and other materials. Houlsby G. T. and Byrne B. W. Apr., 75–82
- Design procedures for installation of suction caissons in sand. Houlsby G. T. and Byrne B. W. Jul., 135–144
- Lateral behaviour of composite tapered piles in dense sand. Sakr M., El Naggar M. H. and Nehdi M. Jul., 145–157

Geotechnical engineering

Assessment of suction measurements in saturated clays. Navaneethan T., Sivakumar V., Wheeler S. J. and Doran I. G. Jan., 15–24

Back-analysis of laterally bored piles. Nip D. C and Ng C. W. W. Apr., 63–73

Construction monitoring of cut and cover tunnels. Holmes G., Roscoe H. and Chodorowski A. Oct., 187–196

Dynamic behaviour of laterally loaded model piles in clay. Boominathan A. and Ayothiraman R. Oct., 207–215

Hull wastewater flow transfer tunnel: tunnel collapse and causation investigation. Grose W. J. and Benton L. Oct., 179–185

Pile-settlement evaluation using field stiffness non-linearity. Berardi R. and Bovolenta R. Jan., 35–44

Predicting ground displacements caused by pipe splitting.

Chapman D. N., Rogers C. D. F. and Ng P. C. F. Apr., 95–106

Groundwater

Numerical modelling of groundwater pumping processes. Mavroulidou M., Gunn M. J. and Woods R. I. Apr., 83–93

Grouting

Construction of Paramithia tunnels, Egnatia motorway, Greece. Lefas I. D., Dallas A., Power N. and Georgiannou V. N. Oct., 197–206

Mathematical modelling

Effect of trenchless technologies on existing iron pipelines. Hunter A. Jul., 159–167

Numerical modelling & analysis

Numerical modelling of groundwater pumping processes. Mavroulidou M., Gunn M. J. and Woods R. I. Apr., 83–93

Offshore engineering

Design procedures for installation of suction caissons in clay and other materials. Houlsby G. T. and Byrne B. W. Apr., 75–82

Pavement design

- Evaluating permissible subgrade rut depth in pavement design. Hau K. W. and McDowell G. R. Jan., 45–56
- Evaluating stiffness and strength of pavement materials. Sawangsurriya A. and Edil T. B. Oct., 217–230

Piles & piling

- Back-analysis of laterally bored piles. Nip D. C and Ng C. W. W. Apr., 63–73
- Comparing CPT and pile base resistance in sand. White D. J. and Bolton M. D. Jan., 3–14
- Dynamic behaviour of laterally loaded model piles in clay. Boominathan A. and Ayothiraman R. Oct., 207–215
- Lateral behaviour of composite tapered piles in dense sand. Sakr M., El Naggar M. H. and Nehdi M. Jul., 145–157
- Pile-settlement evaluation using field stiffness non-linearity. Berardi R. and Bovolenta R. Jan., 35–44

Pipes & pipelines

Effect of trenchless technologies on existing iron pipelines.

Hunter A. Jul., 159–167

Predicting ground displacements caused by pipe splitting.

Chapman D. N., Rogers C. D. F. and Ng P. C. F. Apr., 95–106

Quality control

Assessment of suction measurements in saturated clays.

Navaneethan T., Sivakumar V., Wheeler S. J. and Doran I. G. Jan., 15–24

Evaluating stiffness and strength of pavement materials.

Sawangsurriya A. and Edil T. B. Oct., 217–230

Railway systems

Quantifying the relative strengths of railway ballasts. Lim

W. L., McDowell G. R. and Collop A. C. Apr., 107–111

Research & development

Predicting ground displacements caused by pipe splitting.

Chapman D. N., Rogers C. D. F. and Ng P. C. F. Apr., 95–106

Roads & highways

Construction of Paramithia tunnels, Egnatia motorway, Greece.

Lefas I. D., Dallas A., Power N. and Georgiannou V. N. Oct., 197–206

Sands

Design procedures for installation of suction caissons in sand.

Houlsby G. T. and Byrne B. W. Jul., 135–144

Site investigation

Assessment of suction measurements in saturated clays.

Navaneethan T., Sivakumar V., Wheeler S. J. and Doran I. G. Jan., 15–24

Ground conditions around an old tunnel in London Clay.

Gourvenec S. M., Mair R. J., Bolton M. D and Soga K. Jan., 25–33

Soil properties

Ground conditions around an old tunnel in London Clay.

Gourvenec S. M., Mair R. J., Bolton M. D and Soga K. Jan.,

25–33

Stress analysis

Evaluating permissible subgrade rut depth in pavement design.

Hau K. W. and McDowell G. R. Jan., 45–56

Yielding mechanisms in a rectangular trench. Lei G. H. Jul.,

169–172

Strength & testing of materials

Evaluating stiffness and strength of pavement materials.

Sawangsurriya A. and Edil T. B. Oct., 217–230

Quantifying the relative strengths of railway ballasts. Lim

W. L., McDowell G. R. and Collop A. C. Apr., 107–111

Subsidence

Ground movement monitoring at King's Cross Station, London.

Beth M. and Obre X. Jul., 125–133

Tunnels & tunnelling

Construction monitoring of cut and cover tunnels. Holmes G.,

Roscoe H. and Chodorowski A. Oct., 187–196

Construction of Paramithia tunnels, Egnatia motorway, Greece.

Lefas I. D., Dallas A., Power N. and Georgiannou V. N. Oct., 197–206

Effect of trenchless technologies on existing iron pipelines.

Hunter A. Jul., 159–167

Ground conditions around an old tunnel in London Clay.

Gourvenec S. M., Mair R. J., Bolton M. D and Soga K. Jan., 25–33

Ground movement monitoring at King's Cross Station, London.

Beth M. and Obre X. Jul., 125–133

Hull wastewater flow transfer tunnel: tunnel collapse and

causation investigation. Grose W. J. and Benton L. Oct., 179–185

Water supply

The first 30 years of Lefkara Dam. Kyrou K., Penman A. and

Artemis C. Apr., 113–122

Yielding mechanisms in a rectangular trench. Lei G. H. Jul.,

169–172