

MONITOR:ICE PROCEEDINGS

ICE Proceedings

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Bridge Engineering

165, No. BE4, December 2012, 199–244

Examples of cable-stayed bridges designed in Finland
E. Järvenpää and P. Pulkkinen

Fatigue assessment of structures on the Docklands Light Railway, London, UK
P. A. Jackson, W. G. Duckett and W. A. Spencer

Design of collar beam for corrugated steel culvert
N. Smith

The response of Karnali Bridge, Nepal to near-fault earthquakes
B. Shrestha and R. Tuladhar

Comparison of acoustic emission b-values with strains in reinforced concrete beams for damage evaluation
R. Vidya Sagar, B. K. Raghu Prasad and S. Shantha Kumar

Construction Materials

165, No. CM6, December 2012, 323–384

Evaluating shear test methods for stabilised rammed earth
J. S. J. Cheah, P. Walker, A. Heath and T. K. K. B. Morgan

Humidity buffering using stabilised rammed earth materials
D. Allinson and M. Hall

Use of novel materials for reinforced soil walls on weak soils
P. K. Jayasree and M. Ansar

Unbound material characterisation with Nottingham asphalt tester
S. Kim, K. Gopalakrishnan and H. Ceylan

Flexural fatigue analysis of self-compacting concrete beams
S. Goel, S. P. Singh and P. Singh

Development and testing of a prototype straw bale house
K. Wall, P. Walker, C. Gross, C. White and T. Mander

Energy

166, No. EN1, February 2013, 1–44

Urban sprawl, commuting and travel energy consumption
A. F. Marique, S. Dujardin, J. Teller and S. Reiter

Design optimisation of an offshore vertical axis wind turbine
A. Shires

Optimisation of tidal power arrays using a genetic algorithm
P. Sullivan and P. McCombie

Engineering and Computational Mechanics

165, No. EM4, December 2012, 219–265

Radial jet due to plume impingement on a horizontal surface
G. G. Rooney and P. F. Linden

Smoke motion: comparison of experimental data with simulations
P. Carloti, S. Vallerent, P. Fromy and F. Demouge

Using active systems to control tunnel fire events

R. Carvel, F. Colella and G. Rein

Bushfire-enhanced wind load on structures
K. Kwok, Y. He and G. Douglas

Engineering History and Heritage

166, No. EH1, February 2013, 1–60

The technology of British country houses and their estates
M. Palmer and I. West

Marathon dam: a collaboration of American and Greek engineers
G. Mavrogonatou and K. Chatzis

Life and times of the canal engineer Arthur Brome Wilson
T. J. Peters and S. F. Brown

A century of demolition and after: medieval bridges 1770–2010
D. Harrison

Social and engineering networking in Britain and Belgium
W. Linnssen and P. Raymaekers

Engineering Sustainability

165, No. ES4, December 2012, 235–296

Building sustainability assessment methods
H. AlWaeir and D. Kirk

2000 W society: a sustainable energy vision for the future
A. M. Fink and R. J. Stulz

Achieving sustainable resource networks
H. Baker, B. Clarke, A. Owen and R. Unsworth

Carbon dioxide reduction in the building life cycle: a critical review
S. T. Ng, J. M. W. Wong, S. Skitmore and A. Veronika

Forensic Engineering

166, No. FE1, February 2013, 1–54

Forensic engineering education reform
S.-E. Chen and R. Janardhanam

Failure investigation of a drilled shaft stabilised slope
J.-C. Liao, S.-S. Lin and S.-D. Yang

Investigation of large-scale building envelope leakage
C. L. Searls and T. N. Stubblefield

Impact of heavy snow accumulation on roof serviceability
J. A. Grubb, L. Morse-Fortier, D. Dusenberry and J. Zona

Geotechnical Engineering

Geotechnical engineering for embankment dams

166, No. GE1, February 2013, 1–94

Stability for a high embankment founded on sulfide clay

R. Müller, S. Larsson and B. Westerberg

Deformation parameters of bedrock at a nuclear reactor site
C. Harikumar, C. Sivathanu Pillai and S. C. Chetal

Validation of soil parameters for deep tube tunnel assessment
P. J. Wright

Specific surface area effect on compressibility behaviour of clayey soils
Y. Yukselen-Aksoy and A. Kaya

Using a direct-drive motor to measure strain in triaxial tests
F.-C. Teng and C.-Y. Ou

Interfacial shear strength of silty sand-geogrid composite
S. A. Naeini, M. Khalaj and E. Izadi

Ground Improvement

166, No. GI1, February 2013, 1–62

Improvement of shear strength of loose sandy soils by grouting
S. Kumar T. G., B. M. Abraham, A. Sridharan and B. T. Jose

Geomembrane containment walls for liquefaction remediation
H. Mitrani and S. P. G. Madabhushi

Modification of clay adhesion to improve tunnelling excavation
G. Spagnoli, M. Feinendegen and D. Rubinos

Treatment of collapse of gypseous soils by grouting
M. Y. Fattah, M. M. Al-Ani and M. T. A. Al-Lamy

Consolidation settlement of floating-column-improved soft clayey deposit
S. Pongsivasathit, J. Chai and W. Ding

Management, Procurement and Law

166, No. MP1, February 2013, 1–56

Business continuity management for Indonesian contractors
L. S. R. Supriadi and S. P. Low

Health and safety – the language of UK law
J. Anderson

NEC versus FIDIC
I. Heaphy

Payment options in collaborative procurement of major construction projects
S. Wamuziri

The arbitration process in civil engineering
F. de A. Ramirez, A. Seco and L. Miqueleiz

Maritime Engineering

Adapting to coastal change
165, No. MA4, December 2012, 155–199

From the archives – the building of the Tyne piers
N. J. Cooper

Adaptation to climate change: the coastal zone of Barbados
M. Mycoo and A. Chadwick

Well-balanced two-dimensional coupled modelling of submarine turbidity currents
P. Hu, Z. Cao and G. Pender

Error analysis of Ordnance Survey map tidelines, UK
J. Sutherland

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Municipal Engineer

Asset management for legacy infrastructure
165, No. ME4, December 2012, 185–246

Sustainability assessment of UK streetworks

R. Hayes, N. Metje, D. N. Chapman and C. D. F. Rogers

Strategies to clear road maintenance backlog

H. Evdorides, C. E. Nyogabe and M. P. N. Burrow

The Ruby Bay bypass – the project that pushed the boundaries

J. Orr

Mobility surveys and sustainable policies in universities

H. Gonzalo-Orden, M. Rojo, L. Velasco and A. Linares

Accessibility of urban spaces for visually impaired pedestrians

S. H. Norgate

Future skill needs in municipal engineering in Sri Lanka

V. Mohan

Structures and Buildings

166, No. SB1, February 2013, 1–525

Numerical analysis of concrete-filled circular steel tubes

Y. Deng, T. R. Norton and C. Y. Tuan

Analysis of steel-concrete composite column subject to blast

K. W. Kang, S. C. Lee and R. J. Y. Liew

Out-of-plane buckling of Y-braced frames with rigid joints

S. M. Zamani, A. Vafai and M. T. Kazemi

Sheffield Arts Tower: rejuvenation of a II* listed structure

C. P. Everett

Transport

East London line
166, No. TR1, February 2013, 1–62

Design and construction of Shoreditch High Street Bridge, UK

M. Allen

Getting the East London line railway project, UK, into passenger service

M. Stubbs

Design and construction of stations on the East London line

R. Duffy, C. Williamson and T. Kimbell

East London line enabling works contracts

D. Place, R. Huggard and S. Ellis

Modelling the spatial variation of road safety in Greece

E. Papadimitriou, V. Eksler, G. Yannis and S. Lassarre

Balancing prescription and guidance for local transport plans

A. D. May

Urban Design and Planning

165, No. DP4, December 2012, 195–256

Digital masterplanning: computing urban design

C. Derix

Planning for sustainable transport or for people's needs

C. Greed

Flood defence in an urban environment: the Lewes Cliffe scheme, UK

A. Burton, C. Maplesden and G. Page

Sustainability issues for underground space in urban areas

R. Sterling, H. Admiraal, N. Bobylev, H. Parker, J.-P. Godard, I. Vähäaho, C. D. F. Rogers, X. Shi and T. Hanamura

Urbanwords

R. Cowan

Waste and Resource Management

166, No. WR1, February 2013, 1–46

The National Health Service (NHS) and the sustainability agenda

T. Tudor

Fibre composition of donated post-consumer clothing in the UK

G. D. Ward, A. D. Hewitt and S. J. Russell

Sewage sludge disposal with energy recovery: a review

F. C. Jorge and M. A. P. Dinis

Germany at the forefront of EfW: what can the UK learn?

H. Roll and L. Streisselberger

Water Management

166, No. WM1, January 2013, 1–54

Stage-discharge prediction in straight compound channels using 3D numerical models

P. Conway, J. J. O'Sullivan and M. F. Lambert

An experimental study of turbulence in a heterogeneous channel

M. Jesson, M. Sterling and J. Bridgeman

Triangular labyrinth side weirs with one and two cycles

S. M. Borghei, M. A. Nekooie, H. Sadeghian and M. R. J. Ghazizadeh

A hydrological study of on-site soil absorption systems

R. Jayarathne, S. T. S. Yuen, M. A. Connor, P. Pivonka and A. Pharoah

ICE Proceedings and other journal subscription prices for 2013

Title	No. of issues	Electronic only: £	UK: £	Elsewhere by air: £
Bridge Engineering	4	345	380	420
Civil Engineering	6	160	175	200
Construction Materials	6	360	395	450
Energy	4	235	260	295
Engineering and Computational Mechanics	4	230	260	290
Engineering History and Heritage	4	235	260	295
Engineering Sustainability	6	350	385	430
Forensic Engineering	4	240	270	300
Geotechnical Engineering	6	295	335	375
Ground Improvement	4	285	315	355
Management, Procurement and Law	6	285	315	365
Maritime Engineering	4	225	265	295
Municipal Engineer	4	155	175	200
Structures and Buildings	10	545	595	650
Transport	6	220	250	285
Urban Design and Planning	6	295	325	365
Waste and Resource Management	4	235	260	295
Water Management	10	505	555	610
Package comprising all 18 titles	98	3615	4130	4715
Advances in Cement Research	6	395	435	475
Construction Law Quarterly	4	75	85	95
Dams and Reservoirs	4	360	395	435
Geosynthetics International	6	590	N/A	N/A
Géotechnique	16	775	895	995
Géotechnique Letters	4	360	N/A	N/A
International Journal of Physical Modelling in Geotechnics	4	295	N/A	N/A
Magazine of Concrete Research	24	795	895	995

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